

CATALOGUE 2019



RL Europe
Expert in LED

www.rleurope.ch

ABOUT RL



RL is a company which constantly develops, produces and distributes LED technology worldwide. We are the experts in LED lighting technology and lighting design.

Our mission is to research, develop and deploy the high quality of LED lighting.

With our products and services we would like to educate and demonstrate the effectiveness and the importance of adopting energy conservation policies.

We support our customers by creating 3D renders that simulate a reliable effect of the lighting design.

If necessary, we completely redesign the lighting system in accordance with the legislation of each Country.

Certain Services are provided to our customers free of charge: on-site inspections, CO2 reduction analysis and delivery of audit reports made to the customer.

ABOUT LED

LED is the acronym of Light Emitting Diode. The diode is a passive, non-linear two-terminal electronic component whose ideal use is to allow the electric current to flow in one direction and to block it almost completely in the other one. There are different types of diodes, but the most well-known is undoubtedly the LED diode, that lights up when the current passes through it.

RL offers a range of three different types of white LEDs: cold white, natural white and warm white.

Many people mistakenly believe that LED light is just a cold and sterile light, but this is not true, because the LED is available in a wide range of colors including those of traditional incandescent bulbs.

ADVANTAGES OF LED TECHNOLOGY

CONSIDERABLE SAVINGS ON ENERGY COSTS AND LESS HEAT GENERATION

A LED lamp is more efficient than an Edison light bulb. A traditional incandescent light bulb converts less than 5% of the energy it uses into visible light and about 95% into heat. By contrast, LEDs can convert up to 40% of the energy they use into visible light. Consequently, the loss of energy and the power consumption for LED are considerably lower. Consequently, the loss of energy and the power consumption for LED are considerably lower than traditional incandescent light bulbs.

For example, a 4 W LED lamp can replace a traditional light bulb 25 W.

LIFETIME - UP TO 100X LONGER THAN A TRADITIONAL LIGHT BULB

The long lifetime of a LED lamp is one of its strongest advantages (50.000 - 100.000 hours). Below you can find the lifetime comparison for different types of lamps.

TYPE OF LAMP	LIFETIME IN HOURS
LED LIGHT	50.000 - 100.000
LIGHT BULB	1.000
LOW VOLTAGE HALOGEN LAMPS	2.000 - 3.500
HIGH VOLTAGE HALOGEN LAMPS	1.000 - 4.000
FLUORESCENT LAMP	10.000 - 15.000
ENERGY SAVING BULB INTERNAL ELECTRONIC BALLAST	2.000 - 16.000
ENERGY SAVING BULB EXTERNAL ELECTRONIC BALLAST	5.000 - 12.000
CDM-T LAMP ELECTRONIC BALLAST	5.000 - 10.000

LED PACKAGE

There are basically 3 types of LED packages:

LEDs in DUAL IN-LINE PACKAGES (DIP) - SMD LEDs (SURFACE MOUNTED DEVICE) - C.O.B. LEDs (CHIP ON BOARD)

LEDs in DIP packages are the original configuration of the LED technology. The internal mounted LED chip is encapsulated in a plastic pad, which protects it during the manufacturing process (Through Hole Technology THT) and during its operation.

SMD LEDs can be soldered to a surface and offer an higher light output than DIP LED light.

With C.O.B. technology, LEDs act as semiconductors, which are neither encased nor connected.

The semiconductor chip is described as an "Die". This LED chip is processed by means of a special procedure which is called "Die Bonding". Here the individual chips are placed on the PCB (Printed Circuit Board) and using the Wire Bonding method, connected to the contact surface of the PCB, called "Pads". Gold wires in the micrometer range are used for contacting. The C.O.B. technology guarantees a virtually low decay of luminous flux, less heat generation, high reliability and efficiency.

A PROPOSITO DI RL



RL è una società che sviluppa, produce e distribuisce tecnologia a LED in tutto il mondo.

Esperti nell'illuminazione a LED e nella progettazione illuminotecnica, la nostra missione è quella di ricercare, sviluppare e diffondere l'elevata qualità del LED. Con i nostri prodotti e servizi vogliamo educare e dimostrare l'efficacia e l'importanza di adottare politiche di conservazione energetica. Supportiamo il cliente creando render 3D che simulano un effetto verosimile della progettazione della luce. In caso di necessità riprogettiamo completamente il sistema di illuminazione seguendo le norme vigenti nel Paese di competenza. Questi inoltre sono alcuni dei servizi che offriamo gratuitamente: sopralluoghi in loco, analisi di riduzione di CO2 e consegna al cliente dei report sugli audit fatti.

LED

LED è l'acronimo di Light Emitting Diode. Il diodo è un componente elettronico passivo, non-lineare a due terminali la cui funzione ideale è quella di permettere il flusso di corrente elettrica in un verso solo e di bloccarla quasi totalmente nell'altro. Ne esistono di diversi tipi, ma quello più conosciuto è indubbiamente il diodo LED, ovvero quello che si illumina al passaggio della corrente.

RL propone una gamma di tre differenti tipi di LED bianchi: bianco freddo, bianco naturale e bianco caldo. Molte persone credono erroneamente che la luce a LED sia esclusivamente una luce fredda e sterile, questo però non è vero, infatti il LED è disponibile in una vasta gamma di colori inclusi quelli delle tradizionali lampadine a incandescenza.

VANTAGGI DEL LED

GRANDE RISPARMIO DI COSTI ENERGETICI E MINOR CALORE

Una lampada a LED è molto più efficiente di una classica lampadina considerando che molta più energia è convertita in luce. Le tradizionali lampade convertono solo il 5% dell'energia in luce e il restante 95% in calore. I LED al contrario possono convertire ben il 45% in luce, di conseguenza la perdita di energia è minore e il consumo a parità di luce sarà notevolmente inferiore. Ad esempio un faretto a LED da 4W può sostituirne uno tradizionale da 25W.

DURATA - FINO A 100 VOLTE DI PIÙ RISPETTO ALLE LAMPADINE TRADIZIONALI

L'incredibile durata del LED è uno dei suoi principali punti forti e dipende dal calore di emissione della lampada. I LED sono anche molto robusti, non contengono infatti nessun filamento che potrebbe essere danneggiato dagli urti.

TIPO DI LAMPADA	DURATA IN ORE
LED	50.000 - 100.000
BULBO AD INCANDESCENZA	1.000
ALOGENA BASSO VOLTAGGIO	2.000 - 3.500
ALOGENA AD ALTO VOLTAGGIO	1.000 - 4.000
FLUORESCENTE	10.000 - 15.000
BASSO CONSUMO CON REATTORE ELETTRONICO INTERNO	2.000 - 16.000
BASSO CONSUMO CON REATTORE ELETTRONICO ESTERNO	5.000 - 12.000
CDM-T CON REATTORE ELETTRONICO	5.000 - 10.000

CONFIGURAZIONE DEI LED

Di norma i LED vengono proposti in 3 configurazioni:

LED DIP (DUAL IN-LINE PACKAGE) - LED SMD (SURFACE MOUNTED DEVICE) - LED C.O.B. (CHIP ON BOARD)

I LED DIP rappresentano la configurazione originaria. I LED sono incapsulati da un tampone plastico che lo protegge durante le fasi della lavorazione e durante il suo funzionamento.

I LED SMD possono essere saldati su una superficie e offrono maggior resa rispetto ai DIP.

Nella tecnologia C.O.B. invece i LED sono nella forma di semiconduttori. Questo consente un assemblaggio diretto dei LED direttamente sulla scheda senza più l'utilizzo dei "package" ma utilizzando i "fili bond".

Questo permette evidenti vantaggi tra cui:

- MINOR DECADIMENTO DEL FLUSSO LUMINOSO
- MIGLIORI PRESTAZIONI IN TERMINI DI LUMEN/WATT
- MINOR CALORE
- MAGGIORE AFFIDABILITÀ NEL CORSO DEL TEMPO

DIE RL



RL ist eine Gesellschaft, die sich mit Entwicklung, Produktion und Vertrieb der LED-Technologie weltweit befasst. Wir sind Experten auf dem Gebiet der LED-Beleuchtung und des Beleuchtungsdesigns. Unsere Zielsetzung ist Die Forschung, die Entwicklung und die Verbreitung der LED-Technologie und ihrer zahlreichen Vorteile. Mit unseren Produkten und Dienstleistungen wollen wir beweisen, wie effizient und wichtig es ist, eine Energiesparpolitik anzuwenden und darüber die Kunden zu informieren. Wir bemühen uns unsere Kunden zu unterstützen und haben dazu eine 3D Visualisierung kreiert mit der Effekt der LED-Installation echtheitsgetreu simuliert wird. Falls notwendig, erstellen wir eine neue Planung des gesamten Beleuchtungssystems unter Beachtung der gültigen Vorschriften des jeweiligen Landes. Wir besuchen den jeweiligen Haushalt und erstellen eine Analyse der Verringerung der CO2-Emissionen und übergeben dem Kunden einen Bericht über die durchgeführten Audits, die über die Eingangsphase hinausgehen und all diese Dienste biete wir GRATIS ohne irgendeine Verpflichtung an.

LED

Die Abkürzung LED steht für Light Emitting Diode. Eine Diode ist ein positiver/negativer Leiter, durch den die Elektronen nur in eine einzige Richtung fließen. Aus diesem Grund wird die Diode Halbleiter genannt. RL bietet drei verschiedene Arten von weißem Led-Licht an: kalt-weiß, natürlich-weiß und warm-weiß. Viele Personen glauben falscher-weise, dass die LED nur ein kaltes und steriles Licht spendet. Das entspricht nicht der Wahrheit. Mit den derzeitigen Technologien kann man mit der LED auch Licht in der Lieblingsfarbe wie von der Glühbirne erzeugen.

VORTEILE DER LED

GROSSE EINSPARUNG BEI STROMKOSTEN UND GERINGERE WÄRME

Eine LED-Lampe ist viel leistungsfähiger als eine herkömmliche Glühbirne, wenn man berücksichtigt, dass viel mehr Energie in Licht umgewandelt wird. Die herkömmlichen Glühbirnen wandeln nur 5% des Stroms in Licht um und die restlichen 95% in Wärme. Die LED können hingegen gut 45% in Licht umwandeln. Folglich ist der Energieverlust geringer und der Stromverbrauch bei gleicher Lichtstärkeviel geringer. Zum Beispiel kann ein LED-Spot mit 4W eine Spot mit 25W ersetzen

LEBENSDAUER-BIS 100 MAL LÄNGER ALS HERKÖMMLICHE GLÜHBIRNEN

Die unglaubliche Lebensdauer der LED ist eine ihrer wichtigsten Stärken (50.000-100.000 Stunden) und hängt mit der abgegebenen Wärme der Glühbirne zusammen. LED-Leuchtkörper mit höherem Verbrauch geben mehr Wärme ab und werden daher von Elementen gekühlt, um die Lebensdauer nicht zu beeinträchtigen. Die LED sind auch sehr widerstandsfähig, weil sich darin kein Glühfaden befindet, der durch Stöße beschädigt werden könnte. Nachstehend befindet sich eine Tabelle mit der durchschnittlichen Lebensdauer der wichtigsten Lichtquellen.

LAMPENTYP	BETRIEBSDAUER IN STUNDEN
LED	50.000 - 100.000
GLÜHBIRNEN BULB	1.000
NIEDERVOLT-HALOGENLAMPEN	2.000 - 3.500
HOCHVOLT-HALOGENLAMPEN	1.000 - 4.000
LEUCHTSTOFFRÖHREN	10.000 - 15.000
SPARLAMPEN MIT ELEKTRONISCHEM VORSCHALTGERÄT INNEN	2.000 - 16.000
SPARLAMPEN MIT ELEKTRONISCHEM VORSCHALTGERÄT AUSSEN	5.000 - 12.000
CDM-T ELEKTRONISCHEM VORSCHALTGERÄT	5.000 - 10.000

PRODUKTIONSWEISE DER LED

Gewöhnlich werden drei Typen von LED angeboten:

DIP LED (DUAL IN-LINE PACKAGE)- SMD LED (SURFACE MOUNTED DEVICE) - COB LED (CHIP ON BOARD)

LED DIP ist das ursprüngliche Produkt. Die LED befindet sich in einem Plastikkörper, der sie während der Bearbeitungsphase und während dem Betrieb schützt.

Die LED SMD können auf eine Oberfläche geschweißt werden und bieten eine höhere Leistung als die DIP-LED. In der COB Technologie sind die LED hingegen Halbleiter.

Dies erlaubt eine Direktmontage der LED auf die Platte ohne "Gehäuse", aber mit "Mikrodrähtchen".

Dies bietet Vorteile, wie:

- GERINGERER VERLUST DES LICHTFLUSSES
- BESSERE LUMEN/WATT -LEISTUNG
- GERINGERE WÄRME
- BESSERE VERLÄSSLICHKEITR BEIM BETRIEB

PRODUCTION SITE

The production site of Reflexion Asia is located in Dongguan (Guangdong Province of South China) and it covers an area of more than 5000 m², with 40 engineers and around 300 workers. The total annual production capacity of LED lighting products is greater than 5.000.000 units and if necessary, it has the possibility to increase its volume more than 10.000.000 units.

Reflexion Asia firmly believes that experts engineers and skilful workers are the basis for enhancing innovation and quality control. Most of our engineers have more than 8 years of experience in LED technology.

Each production line is supported by a QA / QC office to do real-time inspections and verify that all processes are under the automatic quality control system. In 2014 Reflexion Asia invested more than 2.000.000 USD to modernize the control system, since then it is also able to provide photometric curves in .IES format useful for design studios and architects during lighting tests.

At the end of production each product is subjected to a 48-hour test period; some external products also include IP, anti-vibration and anti-explosion testing.

With seriousness, precision, diligence and efficiency, Reflexion Asia is committed to providing professional service to its customers worldwide.

Our mission: Green, Energy Saving and Environmental Protection.

AREA PRODUTTIVA

Lo stabilimento produttivo di Reflexion Asia ha sede nel Dogguang (Provincia del Guangdong nel Sud della Cina), occupa più di 5000 m² e impiega 40 ingegneri e circa 300 lavoratori. La capacità produttiva dei prodotti a LED è superiore ai 5.000.000 pezzi l'anno, con la possibilità di essere incrementata fino a 10.000.000 pezzi.

Reflexion Asia crede fermamente che alla base dell'innovazione e del controllo qualità debbano esserci esperti ingegneri e abili lavoratori. La maggior parte degli ingegneri ha più di 8 anni di esperienza nella tecnologia LED. Ogni linea di produzione è affiancata da un ufficio QA/QC per compiere ispezioni in tempo reale e verificare che tutti i processi siano sotto il controllo qualità del sistema automatico.

Reflexion Asia nel 2014 ha affrontato un investimento di oltre 2.000.000 USD per ammodernare il sistema di controllo, da allora è anche in grado di fornire le curve fotometriche in formato .IES utili agli studi di progettazione e agli architetti in fase di verifiche illuminotecniche.

Ciascun prodotto a fine produzione è sottoposto ad un periodo di prova di 48 ore e alcuni prodotti da esterno anche a test di protezione IP, di antivibrazione e di antiesplosione.

Con serietà, precisione, intraprendenza ed efficienza, Reflexion Asia si impegna a garantire servizi professionali ai propri clienti in tutto il mondo.

La nostra "mission": Green, Risparmio energetico e rispetto ambientale.

PRODUKTIONSGBIET

Die Produktionsstätte der Reflexion Asia befindet sich in Dogguang (Provinz Guangdong) und erstreckt sich über mehr als 5.000 m². Es sind 40 Ingenieure und über 300 Arbeiter beschäftigt. Die Produktionskapazität für Led-Erzeugnisse beträgt mehr als 5.000.000 Stück/Jahr und kann bis auf 10.000.000 Stück/Jahr aufgestockt werden.

Reflexion Asia ist der Meinung, dass die Erfahrung der Ingenieure und die Geschicklichkeit der Arbeiter die beste Grundlage für Innovation und Qualitätssicherung und Qualitätskontrolle zugeordnet, um Kontrollen in Echtzeit durchzuführen und zu überprüfen, dass alle Prozesse dem automatischen Qualitätskontrollsystem unterliegen.

Reflexion Asia hat 2014 mehr als 2.000.000 \$ investiert, um das Kontrollsystem zu modernisieren. Seit diesem Zeitpunkt kann es fotometrische Kurven in IES-Format liefern, die für die Planungsstudien und für die Architekten in der Phase der beleuchtungstechnischen Tests nützlich sind. Jedes Produkt muss am Ende der Produktionsphase einen 48-stündigen Test durchlaufen und einige Produkte für den Außenbereich auch Tests für IP Schutz, Vibrationschutz und Explosionsschutz. Ernsthaftigkeit, Präzision, Unternehmerteil und Leistung verpflichten Reflexion Asia, ihren Klienten weltweit professionelle Dienstleistungen zu bieten.

Die "Mission" kann in zwei Begriffen zusammengefasst werden: Green und Energy Saving.



Wave Soldering Equipment



Reflow Soldering Equipment

7	TUBE SINGLE INPUT	73	TRACK LIGHT ZOOMABLE AND DIMMABLE
13	TUBE DOUBLE INPUT	75	TRACK LIGHT COLOR ADJUSTABLE
16	LED PANEL	76	TRACK LIGHT
21	LED PANEL UGR	83	BRACKET TUBE WITHOUT REFLECTOR
26	PENDANT LIGHT ROUND	85	BRACKET TUBE WITH REFLECTOR
30	PENDANT LIGHT ROUND COVER	90	SLIM LINEAR LIGHT
32	PENDANT LIGHT ROUND BIG	94	CEILING LIGHT
38	PENDANT LIGHT LINEAR	98	WALL LIGHT ROUND
42	PENDANT LIGHT LINEAR DOUBLE	100	WALL LIGHT SQUARE
45	DECORATIVE LIGHT	101	WALL LIGHT SEMICIRCLE
51	DOWNLIGHT SMD HP	102	STRIP
56	GRID DOWNLIGHT SINGLE	109	LED TRIPROOF IP66
58	GRID DOWNLIGHT DOUBLE	114	FLOODLIGHT SMD
60	LOW BAY LIGHT	119	SUPER FLOODLIGHT
63	LINEAR TRACK LIGHT	135	SKY BAY LIGHT
67	LINEAR TRACK LIGHT HP	143	STREET LIGHT
71	TRACK LIGHT ZOOMABLE	153	EMERGENCY BATTERY

TUBE

RL LED TUBE: THE NEW GENERATION OF ENERGY SAVING TUBE LIGHTING



SINGLE INPUT



DOUBLE INPUT



TUBE 60CM 8W

RL LED TUBE SINGLE INPUT: SEVENTH GENERATION OF REFLEXION LED TUBES

The LED technology is integrated into our tubes.

Our design creates a perfect uniformity so as not to distinguish it from traditional neon lighting (with *milky* cover).

TUBI A LED RL: SETTIMA GENERAZIONE DEI TUBI LED REFLEXION

Nei nostri tubi la tecnologia a LED è integrata.

Il loro design crea un'uniformità perfetta tanto da non poter distinguerlo dal tradizionale tubo a neon (con la copertura *milky*).

LED RÖHRE RL: DIE SIEBTE GENERATION VON REFLEXION LED-RÖHRCHEN

In unseren Röhren ist die LED-Technologie integriert.

Unser Design schafft eine perfekte Gleichförmigkeit und es unterscheidet sich nicht von den herkömmlichen Neonröhren (mit milchiger Abdeckung).



OUR TUBE C.R.I. > 85



NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	100101M	100102M	100103M
NAME OF PRODUCT	LED TUBE 60 CM SINGLE INPUT		
INNER CARTON	1	1	1
MASTER CARTON	20	20	20
WEIGHT SINGLE PIECE	0,178 Kg	0,178 Kg	0,178 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>940 Lm	> 980 Lm	> 1020 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 25.000 hrs	80% AFTER 25.000 hrs	80% AFTER 25.000 hrs
RATED BEAM ANGLE	> 160°	> 160°	> 160°

ELECTRICAL DATA

SYSTEM POWER	8W	8W	8W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 180-265V	AC 180-265V	AC 180-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	112 V	112 V	112 V
OUTPUT CURRENT	58 mA	58 mA	58 mA
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	NO	NO	NO
ENERGY SAVING	A+	A+	A+
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

LENGTH	600 mm	600 mm	600 mm
DIAMETER	26 mm	26 mm	26 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

TUBE 120 18W

RL LED TUBE SINGLE INPUT: SEVENTH GENERATION OF REFLEXION LED TUBES

The LED technology is integrated into our tubes. Our design creates a perfect uniformity so as not to distinguish it from traditional neon lighting (with *milky* cover).

TUBI A LED RL: SETTIMA GENERAZIONE DEI TUBI LED REFLEXION

Nei nostri tubi la tecnologia a LED è integrata. Il loro design crea un'uniformità perfetta tanto da non poter distinguerlo dal tradizionale tubo a neon (con la copertura *milky*).

LED RÖHRE RL: DIE SIEBTE GENERATION VON REFLEXION LED-RÖHRCHEN

In unseren Röhren ist die LED-Technologie integriert. Unser Design schafft eine perfekte Gleichförmigkeit und es unterscheidet sich nicht von den herkömmlichen Neonröhren (mit milchiger Abdeckung).



OUR TUBE C.R.I. > 85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	100107M	100108M	100109M
NAME OF PRODUCT	LED TUBE 120 CM SINGLE INPUT		
INNER CARTON	1	1	1
MASTER CARTON	20	20	20
WEIGHT SINGLE PIECE	0,335 Kg	0,335 Kg	0,335 Kg

GENERAL CARACHTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>2.300 Lm	> 2.380 Lm	> 2.460 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 25.000 hrs	80% AFTER 25.000 hrs	80% AFTER 25.000 hrs
RATED BEAM ANGLE	> 160°	> 160°	> 160°

ELECTRICAL DATA

SYSTEM POWER	18W	18W	18W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 180-265V	AC 180-265V	AC 180-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	110 V	110 V	110 V
OUTPUT CURRENT	159 mA	159 mA	159 mA
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	NO	NO	NO
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

LENGHT	1.200 mm	1.200 mm	1.200 mm
DIAMETER	26 mm	26 mm	26 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

TUBE 150CM 22W

RL LED TUBE SINGLE INPUT: SEVENTH GENERATION OF REFLEXION LED TUBES

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TUBI A LED RL: SETTIMA GENERAZIONE DEI TUBI LED REFLEXION

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LED RÖHRE RL: DIE SIEBTE GENERATION VON REFLEXION LED-RÖHRCHEN

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OUR TUBE C.R.I. > 85



NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	100110M	100111M	100112M
NAME OF PRODUCT	LED TUBE 150 CM SINGLE INPUT		
INNER CARTON	1	1	1
MASTER CARTON	20	20	20
WEIGHT SINGLE PIECE	0,408 Kg	0,408 Kg	0,408 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>2.976 Lm	> 3.080 Lm	> 3.183 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 25.000 hrs	80% AFTER 25.000 hrs	80% AFTER 25.000 hrs
RATED BEAM ANGLE	> 160°	> 160°	> 160°

ELECTRICAL DATA

SYSTEM POWER	22W	22W	22W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 180-265V	AC 180-265V	AC 180-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	114V	114 V	114 V
OUTPUT CURRENT	210 mA	210 mA	210 mA
POWER FACTOR	> 0,95	> 0,95	> 0,95
DIMMABLE	NO	NO	NO
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

LENGTH	1.500 mm	1.500 mm	1.500 mm
DIAMETER	26 mm	26 mm	26 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES



ALL PLASTIC PIPE

All plastic pipe, more secure.
High transmittance, greater than 90

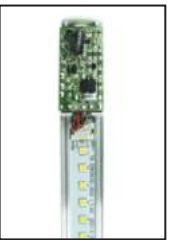


>130 lumen/watt
Beam angle over
160° lightly milky
cover



HIGH QUALITY POWER SUPPLY

Power efficiency >92%
Starting time <0,5s
PF > 0,90
Power Supply replacing is easy



High quality
aluminum good
heat dissipation



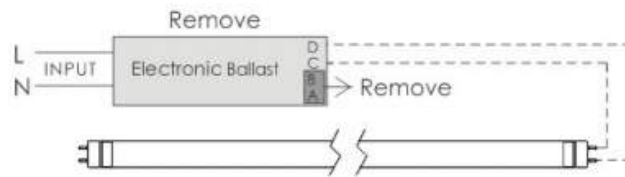
Thickened tubular
packaging. Copper
needle protection



THE LIGHT IS UNIFORM AND SOFT
High CRI: Ra>85, Restore the true
color of objects
No glare, protect the eyes

METHOD ONE: REPLACE THE ELECTRONIC BALLAST

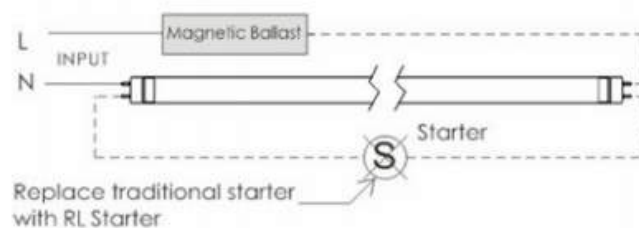
INSTALLATION GUIDE



1. BEFORE INSTALLATION CUT OFF POWER SUPPLY
2. REMOVE THE ELECTRONIC BALLAST
3. REMOVE A.B. TERMINAL LINE
4. CONNECT C TO TUBE'S N CONNECTOR. CONNECT D TO TUBE'S L CONNECTOR
5. CONNECT THE LAMP-SOCKET (C AND D) TO POWER SUPPLY'S L AND N CONNECTOR

METHOD TWO: REPLACE INDUCTIVE TRADITIONAL FLUORESCENT LAMP SCHEME

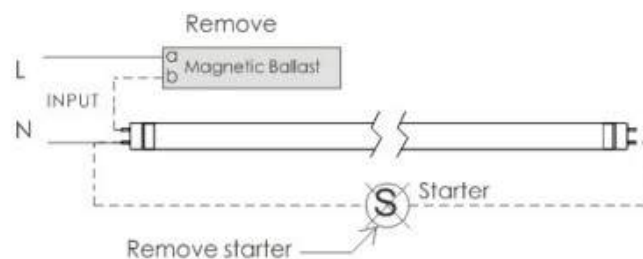
INSTALLATION GUIDE



1. BEFORE INSTALLATION CUT OFF POWER SUPPLY
2. REPLACE TRADITIONAL STARTER WITH RL STARTER RL001
3. REMOVE TRADITIONAL FLUORESCENT LAMP, REPLACE WITH LED LAMP.

METHOD THREE: THE MOST ENERGY-EFFICIENT METHOD

INSTALLATION GUIDE



1. BEFORE INSTALLATION CUT OFF POWER SUPPLY
2. REMOVE STARTER
3. REMOVE BALLAST, CONNECT POWER SUPPLY INPUT L AND N TO TUBE'S L AND N. (SEE ILLUSTRATION)

IMPORTANT: TAKE ALWAYS CARE TO REMOVE THE CONDENSATOR OF OLD FIXTURE IF IT IS PRESENT.



TUBE 60CM 8W

RL LED TUBE SINGLE INPUT: SEVENTH GENERATION OF REFLEXION LED TUBES

The LED technology is integrated into our tubes. Our design creates a perfect uniformity so as not to distinguish it from traditional neon lighting (with *milky* cover).

TUBI A LED RL: SETTIMA GENERAZIONE DEI TUBI LED REFLEXION

Nei nostri tubi la tecnologia a LED è integrata. Il loro design crea un'uniformità perfetta tanto da non poter distinguerlo dal tradizionale tubo a neon (con la copertura *milky*).

LED RÖHRE RL: DIE SIEBTE GENERATION VON REFLEXION LED-RÖHRCHEN

In unseren Röhren ist die LED-Technologie integriert. Unser Design schafft eine perfekte Gleichförmigkeit und es unterscheidet sich nicht von den herkömmlichen Neonröhren (mit milchiger Abdeckung).



OUR TUBE C.R.I. > 85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	100113	100114	100115
NAME OF PRODUCT	LED TUBE 60 CM DOUBLE INPUT		
INNER CARTON	1	1	1
MASTER CARTON	20	20	20
WEIGHT SINGLE PIECE	0,178 Kg	0,178 Kg	0,178 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>940 Lm	> 980 Lm	> 1.020 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 160°	> 160°	> 160°

ELECTRICAL DATA

SYSTEM POWER	8W	8W	8W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 180-265V	AC 180-265V	AC 180-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	112 V	112 V	112 V
OUTPUT CURRENT	58 mA	58 mA	58 mA
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	NO	NO	NO
ENERGY SAVING	A+	A+	A+
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

LENGTH	600 mm	600 mm	600 mm
DIAMETER	26 mm	26 mm	26 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

TUBE 120CM 18W

RL LED TUBE SINGLE INPUT: SEVENTH GENERATION OF REFLEXION LED TUBES

The LED technology is integrated into our tubes. Our design creates a perfect uniformity so as not to distinguish it from traditional neon lighting (with *milky* cover).

TUBI A LED RL: SETTIMA GENERAZIONE DEI TUBI LED REFLEXION

Nei nostri tubi la tecnologia a LED è integrata. Il loro design crea un'uniformità perfetta tanto da non poter distinguerlo dal tradizionale tubo a neon (con la copertura *milky*).

LED RÖHRE RL: DIE SIEBTE GENERATION VON REFLEXION LED-RÖHRCHEN

In unseren Röhren ist die LED-Technologie integriert. Unser Design schafft eine perfekte Gleichförmigkeit und es unterscheidet sich nicht von den herkömmlichen Neonröhren (mit milchiger Abdeckung).



OUR TUBE C.R.I. > 85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	100119	100120	100121
NAME OF PRODUCT	LED TUBE 120 CM DOUBLE INPUT		
INNER CARTON	1	1	1
MASTER CARTON	20	20	20
WEIGHT SINGLE PIECE	0,335 Kg	0,335 Kg	0,335 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>1.763 Lm	> 2.027 Lm	> 2.332 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 160°	> 160°	> 160°

ELECTRICAL DATA

SYSTEM POWER	18W	18W	18W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 180-265V	AC 180-265V	AC 180-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	110 V	110 V	110 V
OUTPUT CURRENT	159 mA	159 mA	159 mA
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	NO	NO	NO
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

LENGTH	1.200 mm	1.200 mm	1.200 mm
DIAMETER	26 mm	26 mm	26 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES



TUBE 150CM 22W

RL LED TUBE SINGLE INPUT: SEVENTH GENERATION OF REFLEXION LED TUBES

The LED technology is integrated into our tubes. Our design creates a perfect uniformity so as not to distinguish it from traditional neon lighting (with *milky* cover).

TUBI A LED RL: SETTIMA GENERAZIONE DEI TUBI LED REFLEXION

Nei nostri tubi la tecnologia a LED è integrata. Il loro design crea un'uniformità perfetta tanto da non poter distinguerlo dal tradizionale tubo a neon (con la copertura *milky*).

LED RÖHRE RL: DIE SIEBTE GENERATION VON REFLEXION LED-RÖHRCHEN

In unseren Röhren ist die LED-Technologie integriert. Unser Design schafft eine perfekte Gleichförmigkeit und es unterscheidet sich nicht von den herkömmlichen Neonröhren (mit milchiger Abdeckung).



TECHNICAL DATA

ARTICLE NUMBER	100122	100123	100124
NAME OF PRODUCT	LED TUBE 150 CM DOUBLE INPUT		
INNER CARTON	1	1	1
MASTER CARTON	20	20	20
WEIGHT SINGLE PIECE	0,408 Kg	0,408 Kg	0,408 Kg

GENERAL CARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>3.800 Lm	> 3.920 Lm	> 4.040 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 160°	> 160°	> 160°

ELECTRICAL DATA

SYSTEM POWER	22W	22W	22W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 180-265V	AC 180-265V	AC 180-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	114 V	114 V	114 V
OUTPUT CURRENT	210 mA	210 mA	210 mA
POWER FACTOR	> 0,95	> 0,95	> 0,95
DIMMABLE	NO	NO	NO
ENERGY SAVING	A+	A+	A+
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

LENGHT	1.500 mm	1.500 mm	1.500 mm
DIAMETER	26 mm	26 mm	26 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES



PANEL

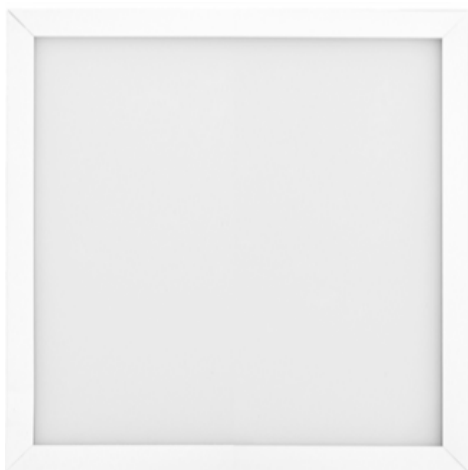
RL LED PANEL: A UNIQUE DESIGN THAT MAKES A DIFFERENCE!



LED PANEL



LED PANEL UGR



PANEL 30X30 19W

RL LED PANEL: A UNIQUE DESIGN THAT MAKES THE DIFFERENCE

Our panels use "power LED" and high-performance illumination optics.

Easy to install on any ceiling and wall, they can completely replace the traditional fluorescent lamps.

PANNELI LED RL: UN DESIGN UNICO CHE FA LA DIFFERENZA

I nostri pannelli utilizzano "power LED" e ottiche ad alta resa illuminotecnica.

Facili da installare su ogni soffitto e muro essi possono sostituire completamente le lampade fluorescenti.

LED-PANELS RL: EIN EINZIGARTIGES DESIGN, DAS SICH VON DEN ANDEREN ABHEBT

Unsere Panels verwenden "Power LED" und Hochleistungs-Beleuchtungsoptik.

Die Panels sind an jeder Decke und Mauer leicht zu montieren und ersetzen vollständig die Neonröhren.



TECHNICAL DATA

ARTICLE NUMBER	120007	120006	120005
NAME OF PRODUCT	LED PANEL 30X30 19W		
INNER CARTON	1	1	1
MASTER CARTON	12	12	12
WEIGHT SINGLE PIECE	1 Kg	1 Kg	1 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting, Offices, Museum		
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>1.900 Lm	> 2.050 Lm	> 2.200 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 50.000 HRS (L80B20)		
RATED BEAM ANGLE	> 110°	> 110°	> 110°

ELECTRICAL DATA

SYSTEM POWER	19W	19W	19W
START TIME (SECOND)	< 1 S	< 1 S	< 1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	100-265V	100-265V	100-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	54-57 V	54-57 V	54-57 V
OUTPUT CURRENT	350 mA	350 mA	350 mA
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	YES WITH ART.N.120080	YES WITH ART.N.120080	YES WITH ART.N.120080
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	295,5x295,5x9,7 mm	295,5x295,5x9,7 mm	295,5x295,5x9,7 mm
CUTOUT	None	None	None

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

PANEL 60x30 24W

RL LED PANEL: A UNIQUE DESIGN THAT MAKES THE DIFFERENCE

Our panels use "power LED" and high-performance illumination optics.

Easy to install on any ceiling and wall, they can completely replace the traditional fluorescent lamps.

PANNELI LED RL: UN DESIGN UNICO CHE FA LA DIFFERENZA

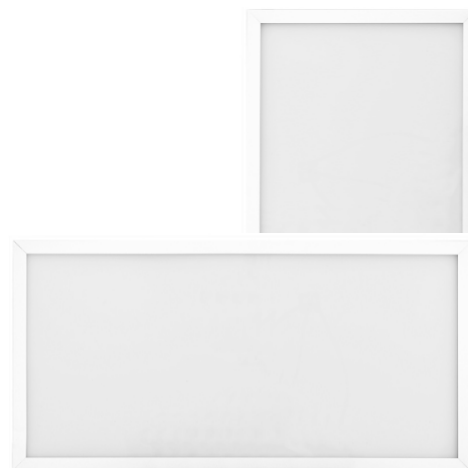
I nostri pannelli utilizzano "power LED" e ottiche ad alta resa illuminotecnica.

Facili da installare su ogni soffitto e muro essi possono sostituire completamente le lampade fluorescenti.

LED-PANELS RL: EIN EINZIGARTIGES DESIGN, DAS SICH VON DEN ANDEREN ABHEBT

Unsere Panels verwenden "Power LED" und Hochleistungs-Beleuchtungsoptik.

Die Panels sind an jeder Decke und Mauer leicht zu montieren und ersetzen vollständig die Neonröhren.



C.R.I. COMPARISON



OUR PANEL C.R.I. > 85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	120015	120014	1200013
NAME OF PRODUCT	LED PANEL 60X30 24W		
INNER CARTON	1	1	1
MASTER CARTON	10	10	10
WEIGHT SINGLE PIECE	1 Kg	1 Kg	1 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting, Offices, Museum		
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>2.300 Lm	> 2.450 Lm	> 2.550 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 50.000 HRS (L80B20)		
RATED BEAM ANGLE	> 110°	> 110°	> 110°

ELECTRICAL DATA

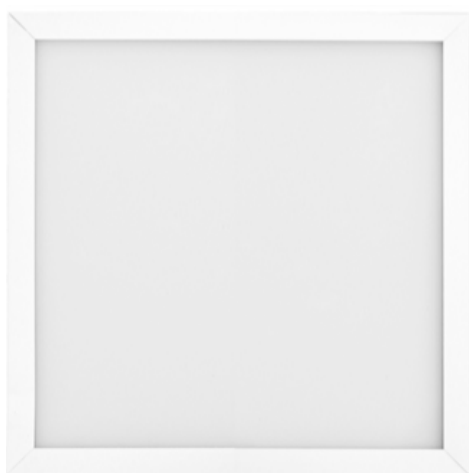
SYSTEM POWER	24W	24W	24W
START TIME (SECOND)	< 1 S	< 1 S	< 1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	100-265V	100-265V	100-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	47-59 V	47-59 V	47-59 V
OUTPUT CURRENT	840 mA	840 mA	840 mA
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	YES WITH ART.N.120075	YES WITH ART.N.120075	YES WITH ART.N.120075
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	595x295,5x9,7 mm	595x295,5x9,7 mm	595x295,5x9,7 mm
CUTOUT	None	None	None

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES



PANEL 60x60 36W

RL LED PANEL: A UNIQUE DESIGN THAT MAKES THE DIFFERENCE

Our panels use "power LED" and high-performance illumination optics.

Easy to install on any ceiling and wall, they can completely replace the traditional fluorescent lamps.

PANNELI LED RL: UN DESIGN UNICO CHE FA LA DIFFERENZA

I nostri pannelli utilizzano "power LED" e ottiche ad alta resa illuminotecnica.

Facili da installare su ogni soffitto e muro essi possono sostituire completamente le lampade fluorescenti.



C.R.I. COMPARISON



OUR PANEL C.R.I. > 85

NORMAL LIGHT C.R.I. 70

LED-PANELS RL: EIN EINZIGARTIGES DESIGN, DAS SICH VON DEN ANDEREN ABHEBT

Unsere Panels verwenden "Power LED" und Hochleistungs-Beleuchtungsoptik.

Die Panels sind an jeder Decke und Mauer leicht zu montieren und ersetzen vollständig die Neonröhren.

TECHNICAL DATA

ARTICLE NUMBER	120011	120010	120009
NAME OF PRODUCT	LED PANEL 60X60 36W		
INNER CARTON	1	1	1
MASTER CARTON	5	5	5
WEIGHT SINGLE PIECE	2,5 Kg	2,5 Kg	2,5 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting, Offices, Museum		
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>3.800 Lm	> 4.000 Lm	> 4.200 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 50.000 HRS (L80B20)		
RATED BEAM ANGLE	> 110°	> 110°	> 110°

ELECTRICAL DATA

SYSTEM POWER	36W	36W	36W
START TIME (SECOND)	< 1 S	< 1 S	< 1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	100-265V	100-265V	100-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	47-59 V	47-59 V	47-59 V
OUTPUT CURRENT	840 mA	840 mA	840 mA
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	YES WITH ART.N.120075	YES WITH ART.N.120075	YES WITH ART.N.120075
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	595x595x9,7 mm	595x595x9,7 mm	595x595x9,7 mm
CUTOUT	None	None	None

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

PANEL 120x30 36W

RL LED PANEL: A UNIQUE DESIGN THAT MAKES THE DIFFERENCE

Our panels use "power LED" and high-performance illumination optics.

Easy to install on any ceiling and wall, they can completely replace the traditional fluorescent lamps.

PANNELI LED RL: UN DESIGN UNICO CHE FA LA DIFFERENZA

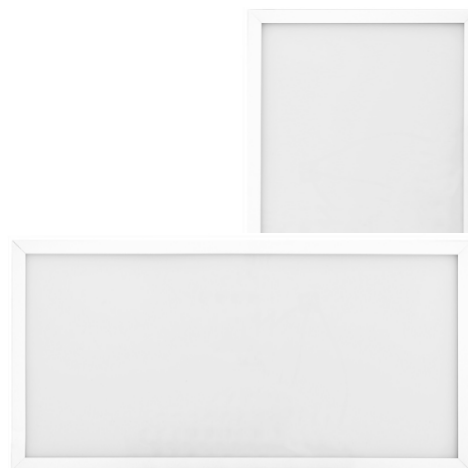
I nostri pannelli utilizzano "power LED" e ottiche ad alta resa illuminotecnica.

Facili da installare su ogni soffitto e muro essi possono sostituire completamente le lampade fluorescenti.

LED-PANELS RL: EIN EINZIGARTIGES DESIGN, DAS SICH VON DEN ANDEREN ABHEBT

Unsere Panels verwenden "Power LED" und Hochleistungs-Beleuchtungsoptik.

Die Panels sind an jeder Decke und Mauer leicht zu montieren und ersetzen vollständig die Neonröhren.



C.R.I. COMPARISON



OUR PANEL C.R.I. > 85

NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	120019	120018	120017
NAME OF PRODUCT	LED PANEL 120X30 36W		
INNER CARTON	1	1	1
MASTER CARTON	5	5	5
WEIGHT SINGLE PIECE	2,7 Kg	2,7 Kg	2,7 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting, Offices, Museum		
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.500K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>3.800 Lm	> 4.000 Lm	> 4.200 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 50.000 HRS (L80B20)		
RATED BEAM ANGLE	> 110°	> 110°	> 110°

ELECTRICAL DATA

SYSTEM POWER	36W	36W	36W
START TIME (SECOND)	< 1 S	< 1 S	< 1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	100-265V	100-265V	100-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	47-59 V	47-59 V	47-59 V
OUTPUT CURRENT	1.050 mA	1.050 mA	1.050 mA
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	YES WITH ART.N.120075	YES WITH ART.N.120075	YES WITH ART.N.120075
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	119,5x295x9,7 mm	119,5x295x9,7 mm	119,5x295x9,7 mm
CUTOUT	None	None	None

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

PANEL 30X30 19W UGR

RL LED PANEL: A UNIQUE DESIGN THAT MAKES THE DIFFERENCE

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Easy to install on any ceiling and wall, they can completely replace the traditional fluorescent lamps.

PANNELI LED RL: UN DESIGN UNICO CHE FA LA DIFFERENZA

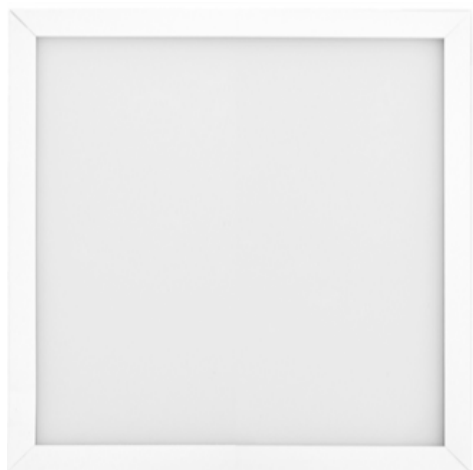
I nostri pannelli utilizzano "power LED" e ottiche ad alta resa illuminotecnica.

Facili da installare su ogni soffitto e muro essi possono sostituire completamente le lampade fluorescenti.

LED-PANELS RL: EIN EINZIGARTIGES DESIGN, DAS SICH VON DEN ANDEREN ABHEBT

Unsere Panels verwenden "Power LED" und Hochleistungs-Beleuchtungsoptik.

Die Panels sind an jeder Decke und Mauer leicht zu montieren und ersetzen vollständig die Neonröhren.



C.R.I. COMPARISON



OUR PANEL C.R.I. > 85

NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	120007UGR	120006UGR	120005UGR
NAME OF PRODUCT	LED PANEL 30X30 19W UGR		
INNER CARTON	1	1	1
MASTER CARTON	12	12	12
WEIGHT SINGLE PIECE	1 Kg	1 Kg	1 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting, Offices, Museum		
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>1.900 Lm	> 2.050 Lm	> 2.200 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 50.000 HRS (L80B20)		
RATED BEAM ANGLE	> 87°	> 87°	> 87°

ELECTRICAL DATA

SYSTEM POWER	19W	19W	19W
START TIME (SECOND)	< 1 S	< 1 S	< 1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	100-265V	100-265V	100-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	54-57 V	54-57 V	54-57 V
OUTPUT CURRENT	350 mA	350 mA	350 mA
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	YES WITH ART.N.120080	YES WITH ART.N.120080	YES WITH ART.N.120080
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	295,5x295,5x9,7 mm	295,5x295,5x9,7 mm	295,5x295,5x9,7 mm
CUTOUT	None	None	None

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

PANEL 60X60 38W UGR

RL LED PANEL: A UNIQUE DESIGN THAT MAKES THE DIFFERENCE

Our panels use "power LED" and high-performance illumination optics.

Easy to install on any ceiling and wall, they can completely replace the traditional fluorescent lamps.

PANNELI LED RL: UN DESIGN UNICO CHE FA LA DIFFERENZA

I nostri pannelli utilizzano "power LED" e ottiche ad alta resa illuminotecnica.

Facili da installare su ogni soffitto e muro essi possono sostituire completamente le lampade fluorescenti.

LED-PANELS RL: EIN EINZIGARTIGES DESIGN, DAS SICH VON DEN ANDEREN ABHEBT

Unsere Panels verwenden "Power LED" und Hochleistungs-Beleuchtungsoptik.

Die Panels sind an jeder Decke und Mauer leicht zu montieren und ersetzen vollständig die Neonröhren.



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	120011UGR	120010UGR	120009UGR
NAME OF PRODUCT	LED PANEL 60X60 38W UGR		
INNER CARTON	1	1	1
MASTER CARTON	5	5	5
WEIGHT SINGLE PIECE	2,5 Kg	2,5 Kg	2,5 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting, Offices, Museum		
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>3.800 Lm	> 4.000 Lm	> 4.200 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 50.000 HRS (L80B20)		
RATED BEAM ANGLE	> 87°	> 87°	> 87°

ELECTRICAL DATA

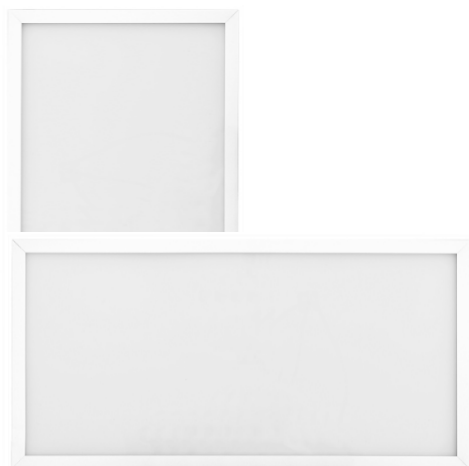
SYSTEM POWER	38W	38W	38W
START TIME (SECOND)	< 1 S	< 1 S	< 1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	100-265V	100-265V	100-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	47-59 V	47-59 V	47-59 V
OUTPUT CURRENT	840 mA	840 mA	840 mA
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	YES WITH ART.N.120075	YES WITH ART.N.120075	YES WITH ART.N.120075
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	595x595x9,7 mm	595x595x9,7 mm	595x595x9,7 mm
CUTOUT	None	None	None

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES



PANEL 120x30 38W UGR

RL LED PANEL: A UNIQUE DESIGN THAT MAKES THE DIFFERENCE

Our panels use "power LED" and high-performance illumination optics.

Easy to install on any ceiling and wall, they can completely replace the traditional fluorescent lamps.

PANNELI LED RL: UN DESIGN UNICO CHE FA LA DIFFERENZA

I nostri pannelli utilizzano "power LED" e ottiche ad alta resa illuminotecnica.

Facili da installare su ogni soffitto e muro essi possono sostituire completamente le lampade fluorescenti.



C.R.I. COMPARISON



OUR PANEL C.R.I. > 85

NORMAL LIGHT C.R.I. 70



LED-PANELS RL: EIN EINZIGARTIGES DESIGN, DAS SICH VON DEN ANDEREN ABHEBT

Unsere Panels verwenden "Power LED" und Hochleistungs-Beleuchtungsoptik.

Die Panels sind an jeder Decke und Mauer leicht zu montieren und ersetzen vollständig die Neonröhren.

TECHNICAL DATA

ARTICLE NUMBER	120019UGR	120018UGR	120017UGR
NAME OF PRODUCT	LED PANEL 120X30 38W UGR		
INNER CARTON	1	1	1
MASTER CARTON	5	5	5
WEIGHT SINGLE PIECE	2,7 Kg	2,7 Kg	2,7 Kg

GENERAL CARACHTERISTICS

MAIN APPLICATION	Commercial lighting, Offices, Museum		
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>3.800 Lm	> 4.000 Lm	> 4.200 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 50.000 HRS (L80B20)		
RATED BEAM ANGLE	> 87°	> 87°	> 87°

ELECTRICAL DATA

SYSTEM POWER	38W	38W	38W
START TIME (SECOND)	< 1 S	< 1 S	< 1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	100-265V	100-265V	100-265V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	47-59 V	47-59 V	47-59 V
OUTPUT CURRENT	1.050 mA	1.050 mA	1.050 mA
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	YES WITH ART.N.120075	YES WITH ART.N.120075	YES WITH ART.N.120075
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	119,5x295x9,7 mm	119,5x295x9,7 mm	119,5x295x9,7 mm
CUTOUT	None	None	None

APPROVAL & APPLICATIONS CHARS

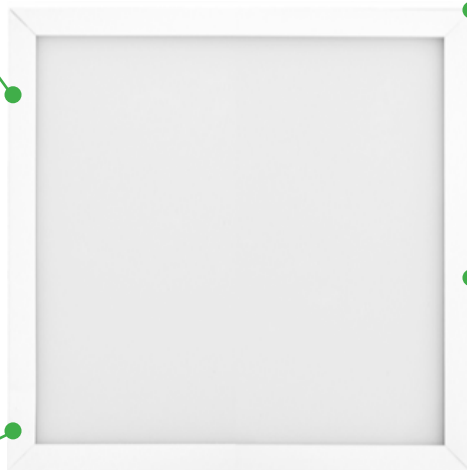
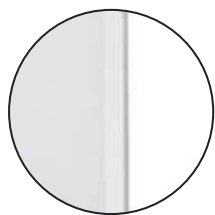
VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

OPTICAL DIFFUSER FOR A UNIFORM
ILLUMINATION WITHOUT DARK SPACE,
>90% LIGHT TRANSMITTANCE

MODERN DESIGN, EXQUISITE WORKMANSHIP

ULTRA SLIM FRAME

HIGH BRIGHTNESS SMD 2835
WITH INCREDIBLE CRI



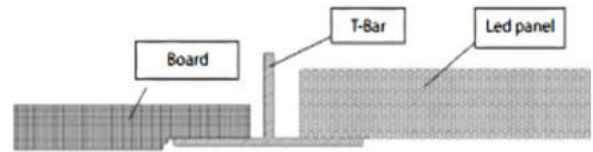
RECESSED INSTALLATION

INSTALLATION GUIDE



1

RECESSED

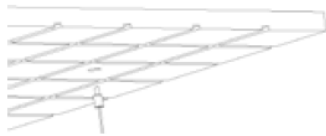


2

DETAIL DRAWING TO SURFACE MOUNTING INSTALLATION

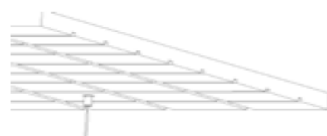
SUSPENDING INSTALLATION

INSTALLATION GUIDE



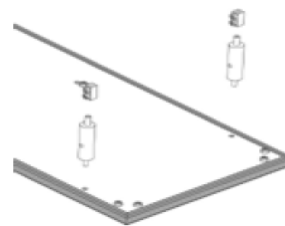
1

DRILL 4 HOLES IN THE CEILING WITH THE DEPTH 35MM AND MAKE SURE NEIGHBORING HOLES SPACE IS ABOUT 497,1x579,3MM, PRESS DOWN PLASTIC ANCHORS IN THE HOLES AND MAKE THEM PARALLEL TO THE CEILING, THEN FIX M3,5 SCREWS ON PLASTIC ANCHORS AFTER CROSSING FIXED BASE.



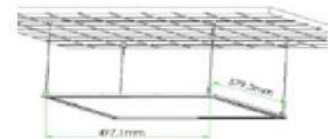
2

FASTEN STRIP AFTER MAKE ITS TERMINAL CROSS THE FIXED BASE.



3

TWIST STRIP CONTROLLERS (4 UNITS WITH M3 THRE-AD) INTO THE HOLES ON THE BACK OF LIGHT PAN, MAKE THE STRIP CROSS THE CONTROLLER AND FIT IT, JOIN THE CABLE CLIPS WITH THE STRIPS IN CASE INVALID WORK OF THE CONTROLLER.



4

ADJUST HEIGHT OF 4 STRIPS TO MAKE THE LIGHT PERFECTLY PARALLEL TO THE CEILING, AND INSTALL LED DRIVER, SWITCH ON THE LIGHT.

EXTENDED KIT 1,5M - Art N° 120071 MOUNTING KIT 60X60CM - Art N° 120068
 EXTENDED KIT 2M - Art N° 120071-2 MOUNTING KIT 62,5X62,5CM - Art N° 120068-B
 EXTENDED KIT 3M - Art N° 120071-3

SURFACE MOUNTING INSTALLATION

INSTALLATION GUIDE



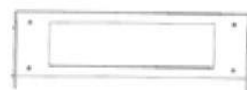
1

DRILL 4 HOLES WITH DEPTH 35MM IN THE CEILING BY 6 SIZE BIT (HOLES SPACE 520x230 MM).



2

PRESS DOWN PLASTIC ANCHORS IN THE HOLES AND MAKE THEM PARALLEL TO THE CEILING. FIX M3.5 SCREWS ON PLASTIC ANCHORS TILL 5MM OF SCREW HEAD REMAINS OUTSIDE.



3

SLIP THE FIXTURE BY MAKING THE HOLES ON IT MATCH UP THE SCREWS, AND THEN FIX THE SCREWS.



4

PUT THE PANEL LIGHT INSIDE OF THE FRAME.



5

HANG UP THE FRAME ON THE FIXTURE AND FIX THE SCREWS.



DIMMER CONTROLLER
 Art. N° 120078

PENDANT LIGHT ROUND



PENDANT LIGHT ROUND: A DIFFERENT CONCEPT OF LIGHT!



- ROUND 
- COVER 
- BIG 

PENDANT LIGHT ROUND 34W

PENDANT LIGHT ROUND: ONE OF A KIND

Once installed the environment changes completely. Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT ROUND: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente. Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT ROUND: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



BLACK

SILVER



C.R.I. COMPARISON



OUR PENDANT LIGHT C.R.I. >85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	RL600-PRXW	RL600-PRXN
NAME OF PRODUCT	PENDANT LIGHT ROUND	PENDANT LIGHT ROUND
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	1,400 Kg	1,400 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>3.400 Lm	>3.550 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	34 W	34 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	ø600X35X35 mm	ø600X35X35 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X=S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT ROUND 46W

PENDANT LIGHT ROUND: ONE OF A KIND

Once installed the environment changes completely.

Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT ROUND: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente.

Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT ROUND: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



BLACK

SILVER



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	RL800-PRXW	RL800-PRXN
NAME OF PRODUCT	PENDANT LIGHT ROUND	PENDANT LIGHT ROUND
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	1,920 Kg	1,920 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>4.600 Lm	>4.850 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	46 W	46 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	ø800X35X35 mm	ø800X35X35 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X=S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT ROUND 56W

PENDANT LIGHT ROUND: ONE OF A KIND

Once installed the environment changes completely. Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT ROUND: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente. Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT ROUND: AUSSERGEWÖHNLICH IN SEINEM GENERE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



BLACK

SILVER



C.R.I. COMPARISON



OUR PENDANT LIGHT CRI>85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	RL1000-PRXW	RL1000-PRXN
NAME OF PRODUCT	PENDANT LIGHT ROUND	PENDANT LIGHT ROUND
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	2,420 Kg	2,420 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>5.600 Lm	>5.920 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	56 W	56 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	ø1.000X35X35 mm	ø1.000X35X35 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X=S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT ROUND COVER 34W

PENDANT LIGHT ROUND: ONE OF A KIND

Once installed the environment changes completely.

Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT ROUND: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente.

Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT ROUND: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



WHITE

SILVER



C.R.I. COMPARISON



OUR PENDANT LIGHT CRI>85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	RL500-PRCXW	RL500-PRCXN
NAME OF PRODUCT	PENDANT LIGHT ROUND COVER	PENDANT LIGHT ROUND COVER
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	1,600 Kg	1,600 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>3.400 Lm	>3.550 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	34 W	34 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	ø500 H85 mm	ø500 H85 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X=S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT ROUND COVER 54W



PENDANT LIGHT ROUND: ONE OF A KIND

Once installed the environment changes completely. Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT ROUND: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente. Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT ROUND: AUSSERGEWÖHNLICH IN SEINEM GENERE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



WHITE

SILVER



C.R.I. COMPARISON



OUR PENDANT LIGHT CRI>85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	RL600-PRCXX	RL600-PRCXX
NAME OF PRODUCT	PENDANT LIGHT ROUND COVER	PENDANT LIGHT ROUND COVER
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	2,120 Kg	2,120 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>5.400 Lm	>5.620 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	54 W	54 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	ø600 H85 mm	ø600 H85 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X=S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT ROUND BIG 50W

PENDANT LIGHT ROUND: ONE OF A KIND

Once installed the environment changes completely. Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.



PENDANT LIGHT ROUND: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente. Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.



WHITE



C.R.I. COMPARISON



OUR PENDANT LIGHT CRI>85



NORMAL LIGHT C.R.I. 70

PENDANT LIGHT ROUND: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.

TECHNICAL DATA

ARTICLE NUMBER	RL800-PRXBW	RL800-PRXBN
NAME OF PRODUCT	PENDANT LIGHT ROUND BIG	PENDANT LIGHT ROUND BIG
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	1,900 Kg	1,900 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>5.200 Lm	>5.500 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	50 W	50 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	ø860X60X68 mm	ø860X60X68 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT ROUND BIG 63W

PENDANT LIGHT ROUND: ONE OF A KIND

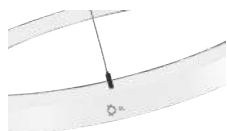
Once installed the environment changes completely. Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT ROUND: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente. Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT ROUND: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



WHITE



C.R.I. COMPARISON



OUR PENDANT LIGHT CRI>85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	RL1000-PRB X W	RL1000-PRB X N
NAME OF PRODUCT	PENDANT LIGHT ROUND BIG	PENDANT LIGHT ROUND BIG
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	2,420 Kg	2,420 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>6.550 Lm	>7.000 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	63 W	63 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	ø1.060X60X68 mm	ø1.060X60X68 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT ROUND BIG 94W

PENDANT LIGHT ROUND: ONE OF A KIND

Once installed the environment changes completely.

Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.



WHITE

PENDANT LIGHT ROUND: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente.

Si può scegliere se installarla sospesa oppure direttamente sul soffitto.

Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT ROUND: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



C.R.I. COMPARISON



OUR PENDANT LIGHT CRI>85

NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	RL1500-PRBXW	RL1500-PRBXN
NAME OF PRODUCT	PENDANT LIGHT ROUND BIG	PENDANT LIGHT ROUND BIG
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	3,420 Kg	3,420 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>9.770 Lm	>10.300 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	94 W	94 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	ø1.560X60X68 mm	ø1.500X60X68 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT ROUND BIG 126W

PENDANT LIGHT ROUND: ONE OF A KIND

Once installed the environment changes completely. Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT ROUND: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente. Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT ROUND: AUSSERGEWÖHNLICH IN SEINEM GENERE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



WHITE



C.R.I. COMPARISON



OUR PENDANT LIGHT CRI>85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	RL2000-PRBXX	RL2000-PRBXN
NAME OF PRODUCT	PENDANT LIGHT ROUND BIG	PENDANT LIGHT ROUND BIG
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	5,100 Kg	5,100 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>13.100 Lm	>13.860 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	126 W	126 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	ø2.060X60X68 mm	ø2.060X60X68 mm
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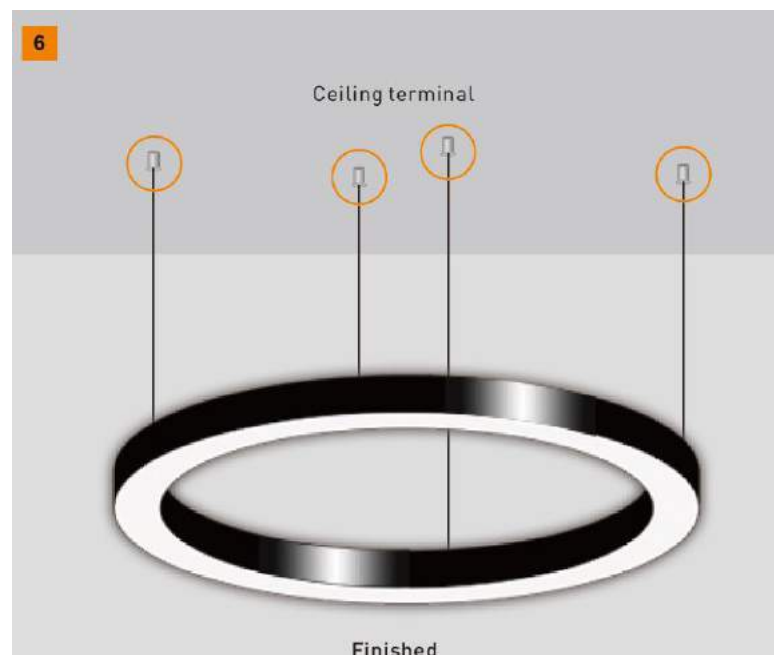
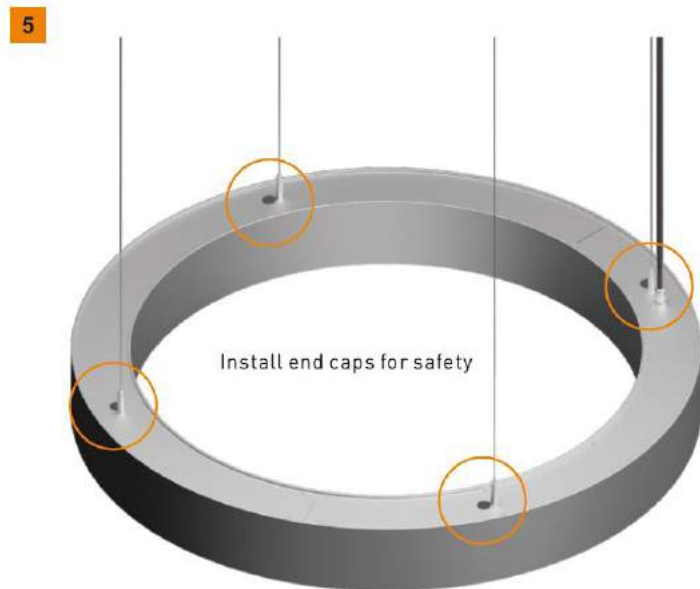
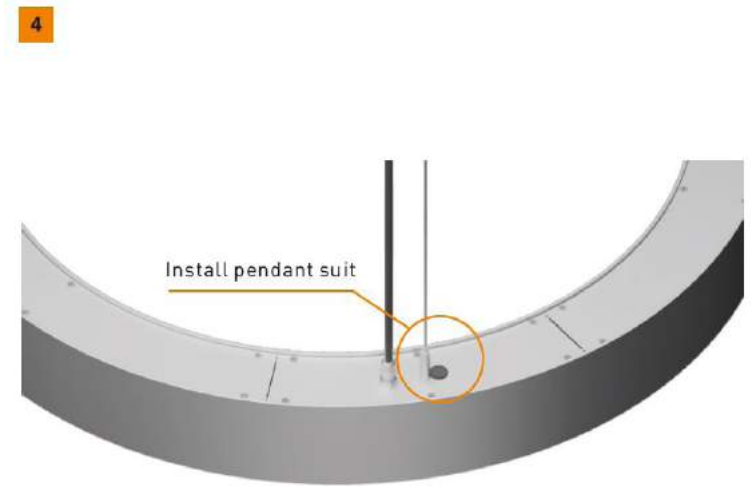
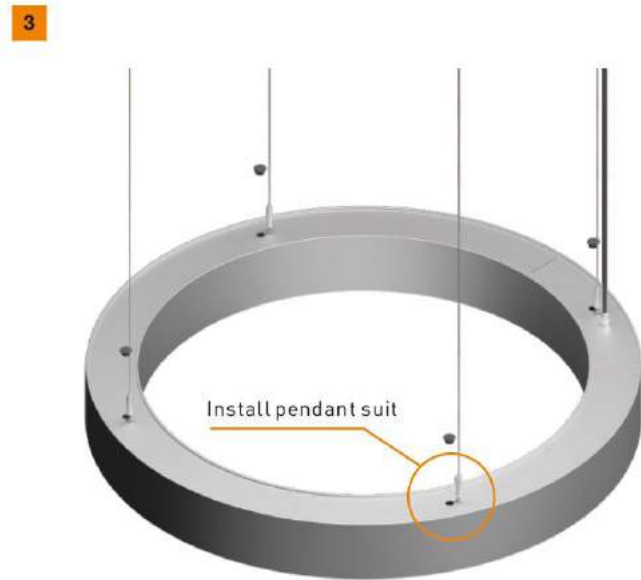
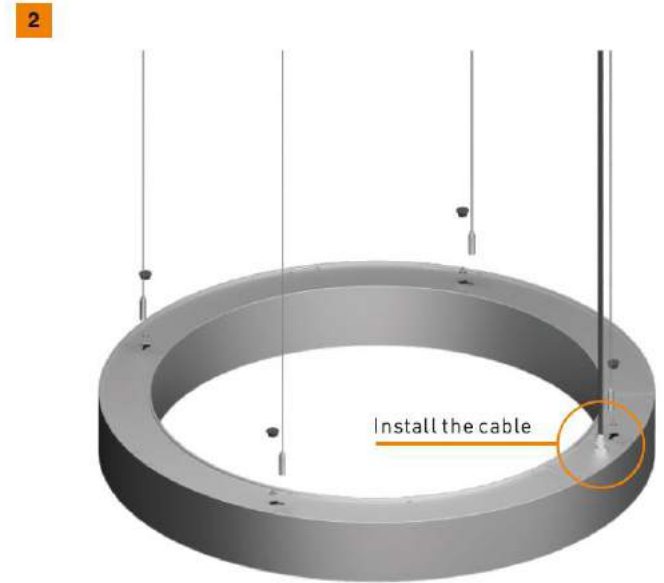
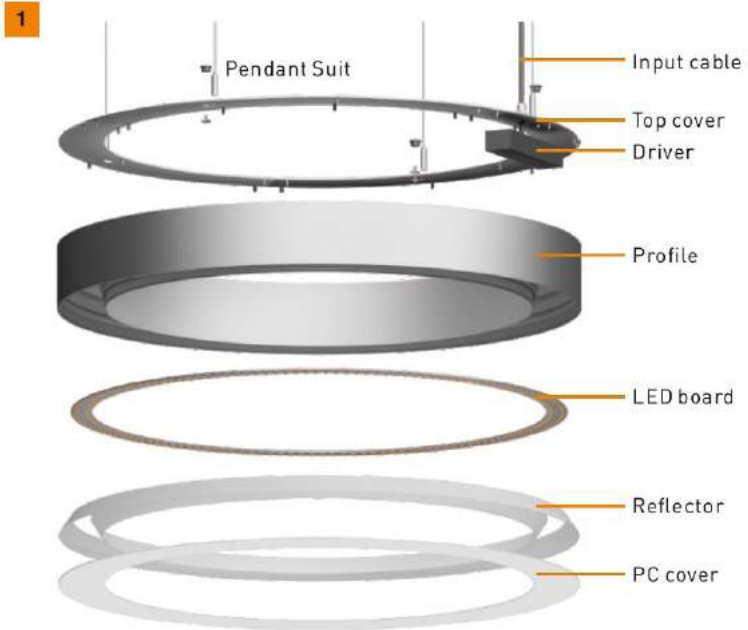
COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

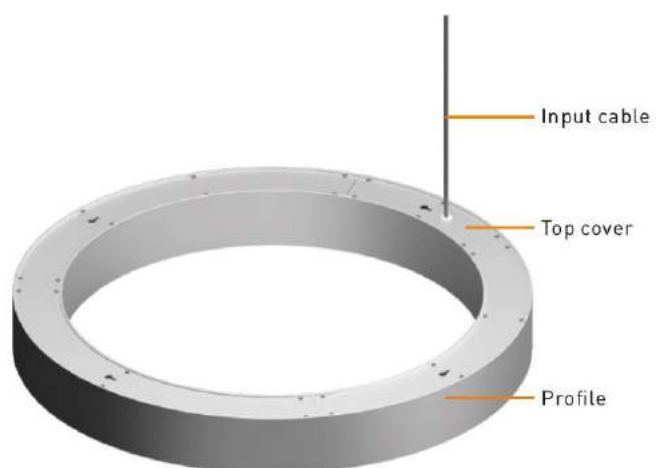
VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

INSTALLATION-PENDANT

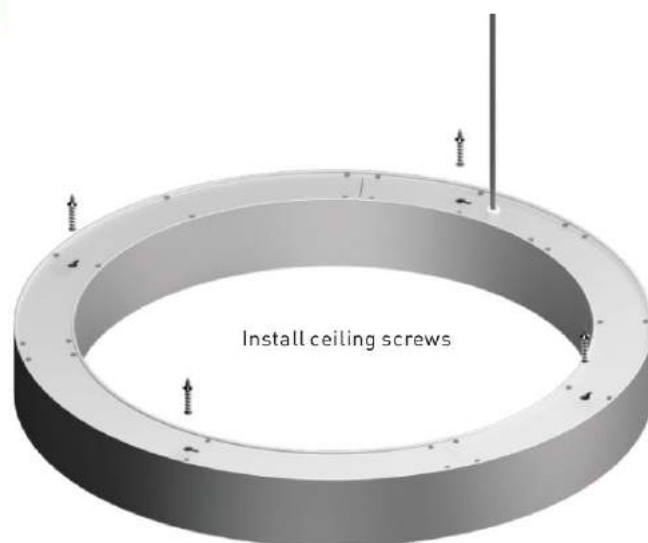


INSTALLATION-CEILING

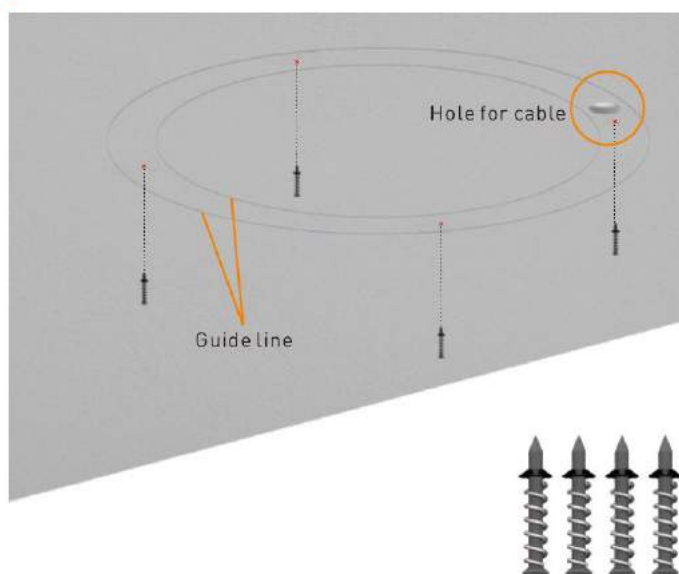
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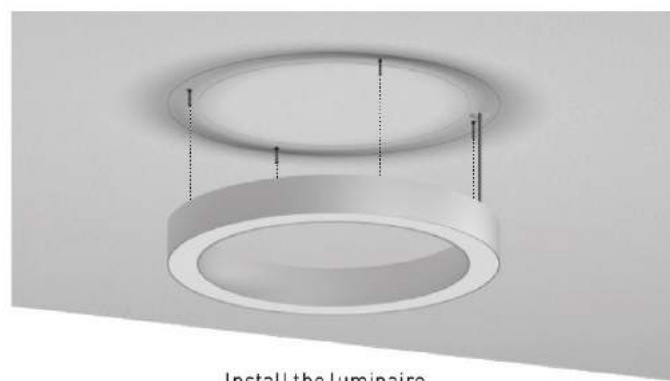
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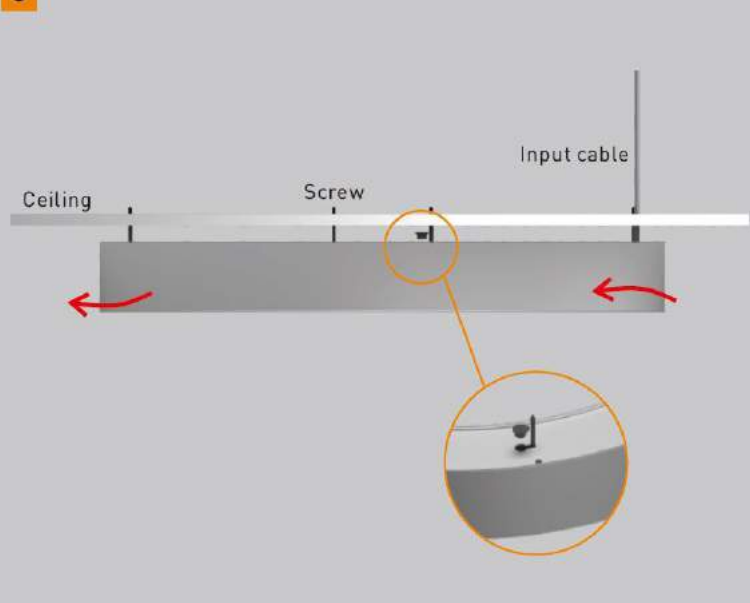
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4



5



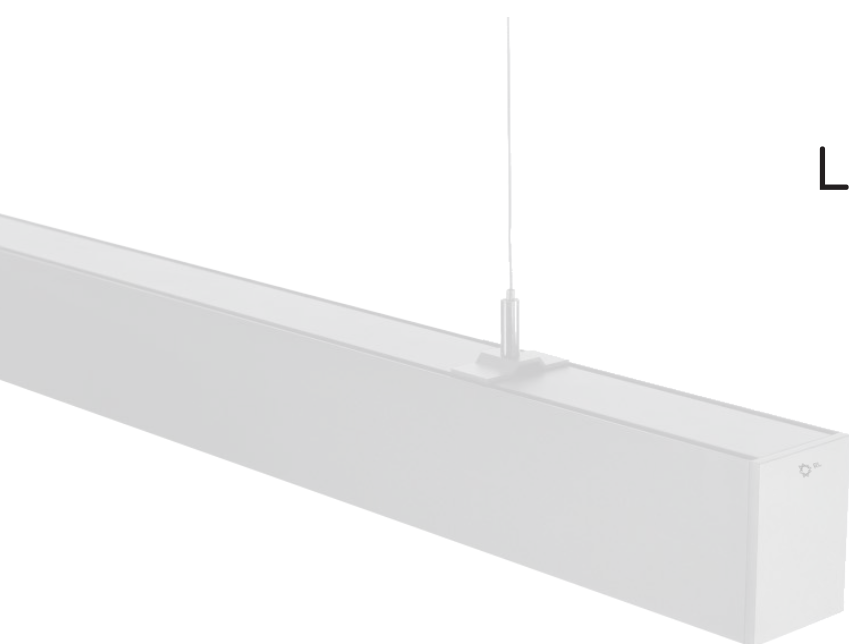
6



PENDANT LIGHT LINEAR



PENDANT LIGHT LINEAR: A DIFFERENT CONCEPT OF LIGHT!



LINEAR



LINEAR DOUBLE



PENDANT LIGHT LINEAR 22W

PENDANT LIGHT LINEAR: ONE OF A KIND

Once installed the environment changes completely. Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT LINEAR: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente. Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT LINEAR: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



BLACK



C.R.I. COMPARISON



OUR PENDANT LIGHT C.R.I. >85

NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	RL865-PLXW	RL865-PLXN
NAME OF PRODUCT	PENDANT LIGHT LINEAR	PENDANT LIGHT LINEAR
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	1,200 Kg	1,200 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>2.200 Lm	>2.400 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	22 W	22 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	865X60X80 mm	865X60X80 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT LINEAR 30W

PENDANT LIGHT LINEAR: ONE OF A KIND

Once installed the environment changes completely.

Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT LINEAR: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente.

Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT LINEAR: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



BLACK



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	RL1135-PLXW	RL1135-PLXN
NAME OF PRODUCT	PENDANT LIGHT LINEAR	PENDANT LIGHT LINEAR
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	2,220 Kg	2,220 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>3.000 Lm	>3.250 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	30 W	30 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	1.135X60X80 mm	1.135X60X80 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT LINEAR 45W

PENDANT LIGHT LINEAR: ONE OF A KIND

Once installed the environment changes completely. Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT LINEAR: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente. Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT LINEAR: AUSSERGEWÖHNLICH IN SEINEM GENERE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



BLACK



C.R.I. COMPARISON



OUR PENDANT LIGHT C.R.I. >85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	RL1695-PLXW	RL1695-PLXN
NAME OF PRODUCT	PENDANT LIGHT LINEAR	PENDANT LIGHT LINEAR
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	3,000 Kg	3,000 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>4.500 Lm	>4.800 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	45 W	45 W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	1.695X60X80 mm	1.695X60X80 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT LINEAR DOUBLE 15+8W

PENDANT LIGHT LINEAR DOUBLE: ONE OF A KIND

Once installed the environment changes completely.

Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT LINEAR DOUBLE: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente.

Si può scegliere se installarla sospesa oppure direttamente sul soffitto.

Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT LINEAR DOUBLE: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



BLACK



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	RL865-PLDXW	RL865-PLDXN
NAME OF PRODUCT	PENDANT LIGHT LINEAR DOUBLE	PENDANT LIGHT LINEAR DOUBLE
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	1,300 Kg	1,300 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>1.500 + 800 Lm	>1.600 + 900Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	15W+8W	15W+8W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	865X40X120 mm	865X40X120 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT LINEAR DOUBLE 20+10W



PENDANT LIGHT LINEAR DOUBLE: ONE OF A KIND

Once installed the environment changes completely. Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT LINEAR DOUBLE: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente. Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT LINEAR DOUBLE: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.

BLACK



C.R.I. COMPARISON



OUR PENDANT LIGHT CRI>85

NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	RL1135-PLDXW	RL1135-PLDXN
NAME OF PRODUCT	PENDANT LIGHT LINEAR DOUBLE	PENDANT LIGHT LINEAR DOUBLE
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	2,300 Kg	2,300 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>2.000+1.000 Lm	>2.100+1.100 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	20W+10W	20W+10W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	1.135X40X120 mm	1.135X40X120 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

PENDANT LIGHT LINEAR DOUBLE 30+15W

PENDANT LIGHT LINEAR DOUBLE: ONE OF A KIND

Once installed the environment changes completely.

Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

PENDANT LIGHT LINEAR DOUBLE: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente.

Si può scegliere se installarla sospesa oppure direttamente sul soffitto.

Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

PENDANT LIGHT LINEAR DOUBLE: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



BLACK



C.R.I. COMPARISON



OUR PENDANT LIGHT CRI>85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	RL1695-PLDXW	RL1695-PLDXN
NAME OF PRODUCT	PENDANT LIGHT LINEAR DOUBLE	PENDANT LIGHT LINEAR DOUBLE
INNER CARTON	1	1
MASTER CARTON	1	1
WEIGHT SINGLE PIECE	3,200 Kg	3,200 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>3.000+1.500 Lm	>3.700+1.600 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	30W+15W	30W+15W
START TIME (SECOND)	< 0,5S	< 0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93
DIMMABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	-20-45° C	-20-45° C
HUMIDITY	<85%	<85%

DIMENSION

DIMENSION OF THE PRODUCT	1.695X40X120 mm	1.695X40X120 mm
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COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

A large, abstract, 3D-rendered light fixture in a light gray color, featuring a thick, curved band that spirals upwards from the bottom left towards the top right. The band is hollow and has a smooth, rounded edge. The background is plain white.

DECORATIVE LIGHT

RL DECORATIVE LIGHT: A DIFFERENT CONCEPT OF LIGHT!

DECORATIVE LIGHT 18W

DECORATIVE LIGHT: ONE OF A KIND

Once installed the environment changes completely.

Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

DECORATIVE LIGHT: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente.

Si può scegliere se installarla sospesa oppure direttamente sul soffitto.

Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

DECORATIVE LIGHT: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



LIGHT BLUE

ORANGE



YELLOW

BLACK

C.R.I. COMPARISON



OUR DECORATIVE LIGHT CRI>90

NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

	140899-DXW	140899-DXN	140899-DXC
ARTICLE NUMBER	140899-DXW	140899-DXN	140899-DXC
NAME OF PRODUCT	DECORATIVE LIGHT 18W		
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	1,400Kg	1,400Kg	1,400Kg

GENERAL CHARACTERISTICS

	140899-DXW	140899-DXN	140899-DXC
MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40	IP 40

LIGHTING DATA

	140899-DXW	140899-DXN	140899-DXC
COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>90	>90	>90
LUMINOUS FLUX	>1.940 Lm	>2.160 Lm	>2.380 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

	140899-DXW	140899-DXN	140899-DXC
SYSTEM POWER	18W	18W	18W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93	> 93
DIMMABLE	YES 1-10V	YES 1-10V	YES 1-10V
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

	140899-DXW	140899-DXN	140899-DXC
DIMENSION OF THE PRODUCT	Ø298x51x1.500 mm	Ø298x51x1.500 mm	Ø298x51x1.500 mm

COLOR

	X=W WHITE	X=B BLACK	X=L LIGHT BLUE	X= O ORANGE	X=Y YELLOW
COLOR OF THE PRODUCT	X=W WHITE	X=B BLACK	X=L LIGHT BLUE	X= O ORANGE	X=Y YELLOW

APPROVAL & APPLICATIONS CHARS

	140899-DXW	140899-DXN	140899-DXC
VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

DECORATIVE LIGHT 25W

DECORATIVE LIGHT: ONE OF A KIND

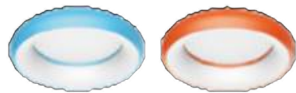
Once installed the environment changes completely. Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

DECORATIVE LIGHT: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente. Si può scegliere se installarla sospesa oppure direttamente sul soffitto. Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

DECORATIVE LIGHT: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



LIGHT BLUE ORANGE



YELLOW BLACK



C.R.I. COMPARISON



OUR DECORATIVE LIGHT CRI=90

NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	140900-DXW	140900-DXN	140900-DXC
NAME OF PRODUCT	DECORATIVE LIGHT 25W		
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	1,400Kg	1,400Kg	1,400Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>90	>90	>90
LUMINOUS FLUX	>2.700 Lm	>3.000 Lm	>3.300 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	25W	25W	25W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93	> 93
DIMMABLE	YES 1-10V	YES 1-10V	YES 1-10V
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

DIMENSION OF THE PRODUCT	Ø298x51x1.500 mm	Ø298x51x1.500 mm	Ø298x51x1.500 mm
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COLOR

COLOR OF THE PRODUCT	X=W WHITE	X=B BLACK	X=L LIGHT BLUE	X= O ORANGE	X=Y YELLOW
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

DECORATIVE LIGHT 35W

DECORATIVE LIGHT: ONE OF A KIND

Once installed the environment changes completely.

Two installation options are available: suspended or directly to the ceiling. The new design makes this product the perfect solution for showrooms, commercial areas, markets, museums, hotels, restaurants, etc.

DECORATIVE LIGHT: UNICA NEL SUO GENERE

Una volta installata l'ambiente cambia completamente.

Si può scegliere se installarla sospesa oppure direttamente sul soffitto.

Il nuovo design rende questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

DECORATIVE LIGHT: AUSSERGEWÖHNLICH IN SEINEM GENRE

Einmal installiert, wechselt das Ambiente vollkommen. Man kann auswählen, ob die Lampe hängend oder direkt an der Decke installiert wird. Durch das neue Design ist dieses Produkt ideal für Showrooms, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, etc.



LIGHT BLUE

ORANGE



YELLOW

BLACK

C.R.I. COMPARISON



OUR DECORATIVE LIGHT CRI>90

NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	140901-DXW	140901-DXN	140901-DXC
NAME OF PRODUCT		DECORATIVE LIGHT 35W	
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	1,920Kg	1,920Kg	1,920Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 40	IP 40	IP 40

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>90	>90	>90
LUMINOUS FLUX	>3.780 Lm	>4.200 Lm	>4.620 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	35W	35W	35W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-277V	AC 100-277V	AC 100-277V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93	> 93
DIMMABLE	YES 1-10V	YES 1-10V	YES 1-10V
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

DIMENSION OF THE PRODUCT	Ø400x67x1.500 mm	Ø400x67x1.500 mm	Ø400x67x1.500 mm
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COLOR

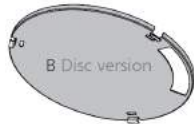
COLOR OF THE PRODUCT	X=W WHITE	X=B BLACK	X=L LIGHT BLUE	X= O ORANGE	X=Y YELLOW
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

DECORATIVE LIGHT

INSTALLATION

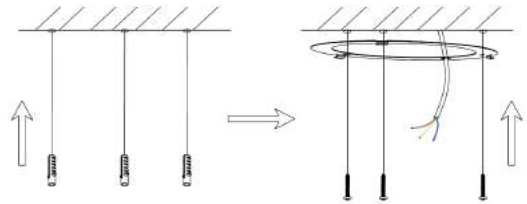


Surface mount bracket
 Type (A): Ring version, ceiling visible
 Type (B): Disc version, completely closed, ceiling invisible
 Surface mount bracket, choose either type A or Type B before purchasing.



accessory pack

1



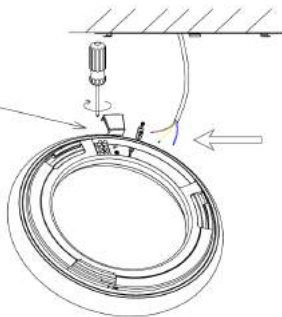
Punch the plastic anchor into ceiling.



Fix bracket onto ceiling with screws.

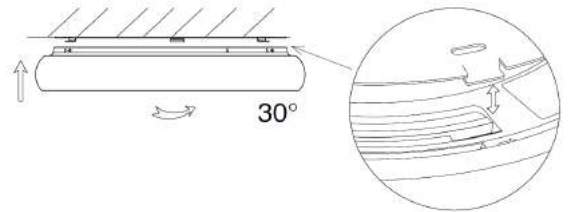
2

Wiring the input AC cable to the lamp



— L = BROWN
 — N = BLUE
 — ⊕ = YELLOW-GREEN

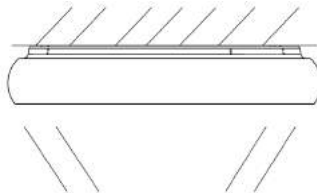
3



Rotate lamp housing to bracket properly. And check for correct installation.

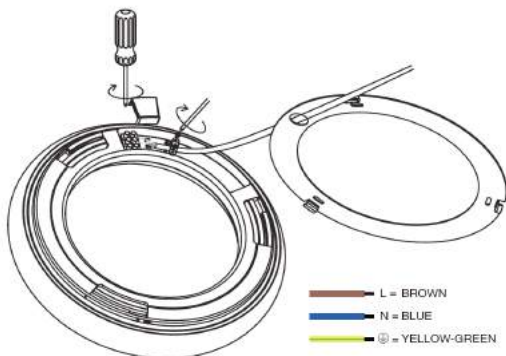
4

Finish



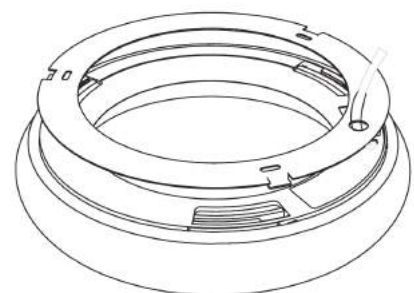
5

SUSPENDED INSTALLATION

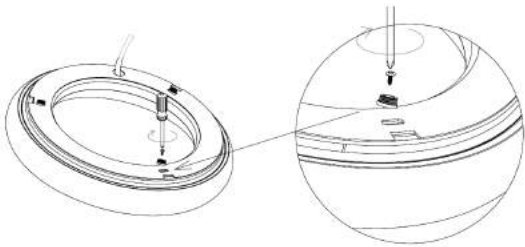


— L = BROWN
 — N = BLUE
 — ⊕ = YELLOW-GREEN

1

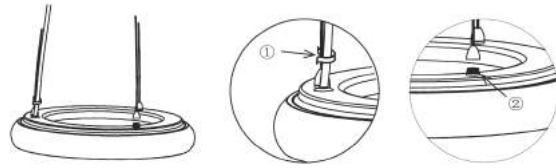


2

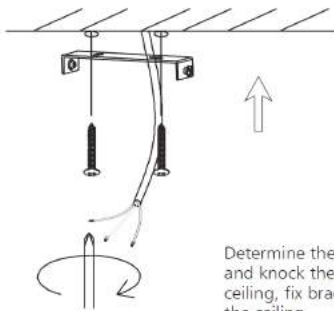


1. Attach transparent DC wire to suspending rope by clips;
2. Fix the suspending ropes on the bases.

Fix three pieces of bases on surface mounted bracket.

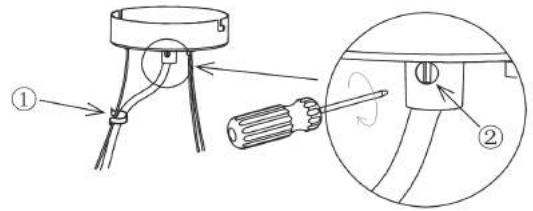


3



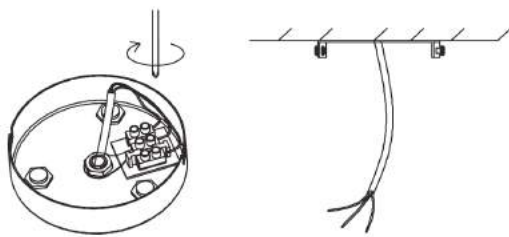
Determine the mounting location and knock the plastic anchor into ceiling, fix bracket with screws onto the ceiling.

4



1. Insert the transparent cable through cable entry;
2. Tighten screw by screwdriver to fix the cable.

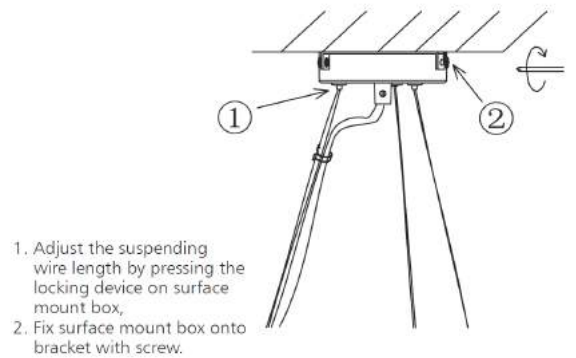
5



Feed the main cable in terminal block respectively.

- L = BROWN
- N = BLUE
- ⊕ = YELLOW-GREEN

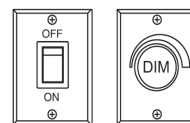
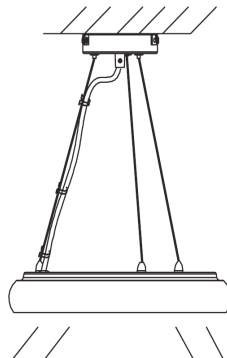
6



1. Adjust the suspending wire length by pressing the locking device on surface mount box,
2. Fix surface mount box onto bracket with screw.

7

Finish



8

DOWNLIGHT SMD HP

RL DOWNLIGHT SMD HP: THE NEW DIMENSION OF LIGHT!



DOWNLIGHT SMD HP 7W

RL DOWNLIGHTS SMD HP: THE LED AVAILABLE FOR EVERYONE

The HP RL Downlights have a modern design and are an energy-efficient alternatives to the fluorescent or halogen Downlights. These Downlights fit into the ceiling and make the installation easier thanks to their compact dimensions. The exceptional photometric features and the simple design make them extremely versatile. The "HP LINE" is created to make LED technology accessible to everyone with the same high quality standards of RL.

INCASSI A LED SMD HP RL: IL LED ALLA PORTATA DI TUTTI

Gli incassi a LED HP di RL hanno un design moderno e sono un'alternativa a risparmio energetico agli incassi fluorescenti o alogeni. Questi incassi vengono inseriti nel soffitto e rendono semplice l'installazione grazie alle loro dimensioni compatte.

Le eccezionali caratteristiche fotometriche e il design semplice le rendono estremamente versatili. La linea "HP" è nata per rendere accessibile la tecnologia LED a tutti, garantendo sempre i massimi standard qualitativi di RL.



LED EINBAULEUCHTE SMD HP RL:

DIE LED, DIE SICH ALLE LEISTEN KÖNNEN

LED Einbauleuchten HP RL haben ein modernes Design und sind eine gute Alternative für Energieersparnis gegenüber den herkömmlichen Neon-oder Halogeneinbauleuchten.

Sie werden direkt in der Zimmerdecke positioniert. Durch die außergewöhnlichen fotometrischen Eigenschaften und das einfache Design sind sie extrem vielseitig. Die "HP"-Line entstand, um die LED-Technologie alle zugänglich zu machen, wobei die maximalen Qualitätsstandards von RL garantiert werden.

TECHNICAL DATA

ARTICLE NUMBER	130000WHP	130000NHP	130000CHP
NAME OF PRODUCT	DOWNLIGHT SMD HP 7W		
INNER CARTON	1	1	1
MASTER CARTON	50	50	50
WEIGHT SINGLE PIECE	0,09 Kg	0,09 Kg	0,09 Kg

GENERAL CARACTERISTICS

MAIN APPLICATION	Commercial	Commercial	Commercial
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD	SMD	SMD
IP RATE	IP 54	IP 54	IP 54

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>80	>80	>80
LUMINOUS FLUX	>700 Lm	> 770 Lm	> 840 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs
RATED BEAM ANGLE	> 100°	> 100°	> 100°

ELECTRICAL DATA

SYSTEM POWER	7W	7W	7W
START TIME (SECOND)	< 0,1 S	< 0,1 S	< 0,1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	12-18 V	12-18 V	12-18 V
OUTPUT CURRENT	550 mA	550 mA	550 mA
POWER FACTOR	> 0,90	> 0,90	> 0,90
DIMMABLE	AVAILABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-25°/50°C	-25°/50°C	-25°/50°C
HUMIDITY	85% R.H.	85% R.H.	85% R.H.

DIMENSION

DIMENSION OF THE PRODUCT	D85xH39 mm	D85xH39 mm	D85xH39 mm
CUTOUT	70-75 mm	70-75 mm	70-75 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

DOWNLIGHT SMD HP 18W

RL DOWNLIGHTS SMD HP: THE LED AVAILABLE FOR EVERYONE

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LED EINBAULEUCHE SMD HP RL:

DIE LED, DIE SICH ALLE LEISTEN KÖNNEN

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TECHNICAL DATA

ARTICLE NUMBER	130001WHP	130001NHP	130001CHP
NAME OF PRODUCT	DOWNLIGHT SMD HP 18W		
INNER CARTON	1	1	1
MASTER CARTON	12	12	12
WEIGHT SINGLE PIECE	400 g	400 g	400 g

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial	Commercial	Commercial
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD	SMD	SMD
IP RATE	IP 54	IP 54	IP 54

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>80	>80	>80
LUMINOUS FLUX	>1.700 Lm	> 1.800 Lm	> 1.900 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs
RATED BEAM ANGLE	> 100°	> 100°	> 100°

ELECTRICAL DATA

SYSTEM POWER	18W ±1W	18W ±1W	18W ±1W
START TIME (SECOND)	< 0,1 S	< 0,1 S	< 0,1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	12-18 V	12-18 V	12-18 V
OUTPUT CURRENT	700 mA	700 mA	700 mA
POWER FACTOR	> 0,90	> 0,90	> 0,90
DIMMABLE	AVAILABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-25°/50°C	-25°/50°C	-25°/50°C
HUMIDITY	85% R.H.	85% R.H.	85% R.H.

DIMENSION

DIMENSION OF THE PRODUCT	D190xH45 mm	D190xH45 mm	D190xH45 mm
CUTOUT	160-170 mm	160-170 mm	160-170 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

DOWNLIGHT SMD HP 25W

RL DOWNLIGHTS SMD HP: THE LED AVAILABLE FOR EVERYONE

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INCASSI A LED SMD HP RL: IL LED ALLA PORTATA DI TUTTI

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TECHNICAL DATA

ARTICLE NUMBER	130003WHP	130003NHP	130003CHP
NAME OF PRODUCT	DOWNLIGHT SMD HP 25W	DOWNLIGHT SMD HP 25W	DOWNLIGHT SMD HP 25W
INNER CARTON	1	1	1
MASTER CARTON	12	12	12
WEIGHT SINGLE PIECE	640 g	640 g	640 g

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial	Commercial	Commercial
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD	SMD	SMD
IP RATE	IP 54	IP 54	IP 54

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>80	>80	>80
LUMINOUS FLUX	>2.300 Lm	> 2.500 Lm	> 2.700 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs
RATED BEAM ANGLE	> 100°	> 100°	> 100°

ELECTRICAL DATA

SYSTEM POWER	25W ±1W	25W ±1W	25W ±1W
START TIME (SECOND)	< 0,1 S	< 0,1 S	< 0,1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	12-18 V	12-18 V	12-18 V
OUTPUT CURRENT	480 mA	480 mA	480 mA
POWER FACTOR	> 0,90	> 0,90	> 0,90
DIMMABLE	AVAILABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-25°/50°C	-25°/50°C	-25°/50°C
HUMIDITY	85% R.H.	85% R.H.	85% R.H.

DIMENSION

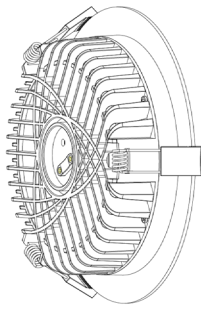
DIMENSION OF THE PRODUCT	D228xH45 mm	D228xH45 mm	D228xH45 mm
CUTOUT	200-210 mm	200-210 mm	200-210 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

DRIVER

- Isolated external LED driver
- THD \leq 15%, PF \geq 0,97
- Conversion efficiency \geq 88%



ARRAY AND HIGH CRI
OF SMD LIGHT SOURCE



ANTI-DAZZLE DESIGN OF REFLECTOR



HIGH HEAT CONDUCTION MOCKUP





GRID DOWNLIGHT

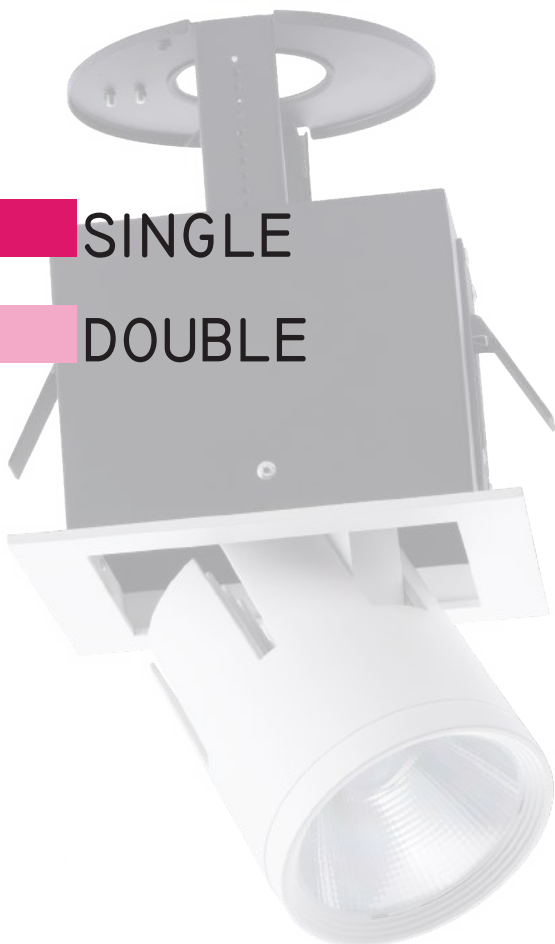
RL GRID DOWNLIGHT: THE BEST CHOICE FOR THE SHOPS



SINGLE



DOUBLE





GRID DOWNLIGHT SINGLE

GRID DOWNLIGHT

These products are the perfect solution for shops and offices.
All lamps are equipped with a dimmable power supply.

GLI INCASSI GRID

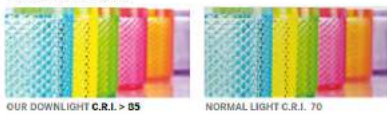
Questi prodotti sono la soluzione ideale per i negozi e gli uffici.
Tutti gli apparecchi sono dotati di un alimentatore dimmerabile.

DIE GRID DOWNLIGHT

Diese Produkte sind die ideale Lösung für Geschäfte und Büros.
Alle Leuchten sind mit dimmbaren Netzteil ausgestattet.



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	130090 DBW	130090 DBN	130091 DBW	130091 DBN
	130090 DWW	130090 DWN	130091 DWW	130091 DWN
NAME OF PRODUCT	GRID DOWNLIGHT 1x35 BLACK/WHITE		GRID DOWNLIGHT 1x45 BLACK/WHITE	
INNER CARTON	1	1	1	1
MASTER CARTON	4	4	4	4
WEIGHT SINGLE PIECE	4,2 Kg	4,2 Kg	5,1 Kg	5,1 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL	COMMERCIAL	COMMERCIAL	COMMERCIAL
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	C.O.B. CREE	C.O.B. CREE	C.O.B. CREE	C.O.B. CREE
IP RATE	IP 20	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	3.000K ±300	4.000K ±300
CRI	>85	>85	>85	>85
LUMINOUS FLUX	>4.000 Lm	>4.200 Lm	>5.200 Lm	>5.400 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs
RATED BEAM ANGLE	48° STANDARD, 15° AND 24° AVAILABLE			

ELECTRICAL DATA

SYSTEM POWER	35W	35W	45W	45W
START TIME (SECOND)	< 0,1S	< 0,1S	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	700mA DC 37V	700mA DC 37V	1.000mA DC 37V	1.000mA DC 37V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	DC 37V	DC 37V	DC 42V	DC 42V
OUTPUT CURRENT	900 mA	900 mA	1.000 mA	1.000 mA
POWER FACTOR	> 0,95	> 0,95	> 0,95	> 0,95
DIMMABLE	YES	YES	YES	YES
ENERGY SAVING	YES	YES	YES	YES
WORKING TEMPERATURE	-25°/50°C	-25°/50°C	-25°/50°C	-25°/50°C
HUMIDITY	< 80%	< 80%	< 80%	< 80%

DIMENSION

DIMENSION OF THE PRODUCT	L162xW162xH197 mm	L162xW162xH197 mm	L182xW182xH197 mm	L182xW182xH197 mm
CUTOUT	152x152 mm	152x152 mm	172x172 mm	172x172 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-	-
CE MARKING	YES	YES	YES	YES
UL MARKING	-	-	-	-
ROHS COMPLIANCE	YES	YES	YES	YES

GRID DOWNLIGHT DOUBLE

GRID DOWNLIGHT

These products are the perfect solution for shops and offices.
All lamps are equipped with a dimmable power supply.

GLI INCASSI GRID

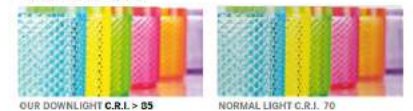
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Tutti gli apparecchi sono dotati di un alimentatore dimmerabile.

DIE GRID DOWNLIGHT

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Alle Leuchten sind mit dimmbaren Netzteil ausgestattet.



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	130092 DBW	130092 DBN	130093 DBW	130093 DBN
	130092 DWW	130092 DWN	130093 DWW	130093 DWN
NAME OF PRODUCT	GRID DOWNLIGHT 2x35 BLACK/WHITE		GRID DOWNLIGHT 2x45 BLACK/WHITE	
INNER CARTON	1	1	1	1
MASTER CARTON	4	4	4	4
WEIGHT SINGLE PIECE	7,9 Kg	7,9 Kg	10,1 Kg	10,1 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL	COMMERCIAL	COMMERCIAL	COMMERCIAL
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	C.O.B. CREE	C.O.B. CREE	C.O.B. CREE	C.O.B. CREE
IP RATE	IP 20	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300	3.000K ±300	4.000K ±300
CRI	>85	>85	>85	>85
LUMINOUS FLUX	>8.000 Lm	>8.400 Lm	>10.400 Lm	>10.800 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs	80% AFTER 30.000 hrs
RATED BEAM ANGLE	48° STANDARD, 15° AND 24° AVAILABLE			

ELECTRICAL DATA

SYSTEM POWER	2x35W	2x35W	2x45W	2x45W
START TIME (SECOND)	< 0,1S	< 0,1S	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	700mA DC 37V	700mA DC 37V	1.000mA DC 37V	1.000mA DC 37V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	DC 37V	DC 37V	DC 42V	DC 42V
OUTPUT CURRENT	900 mA	900 mA	1.000 mA	1.000 mA
POWER FACTOR	> 0,95	> 0,95	> 0,95	> 0,95
DIMMABLE	YES	YES	YES	YES
ENERGY SAVING	YES	YES	YES	YES
WORKING TEMPERATURE	-25°/50°C	-25°/50°C	-25°/50°C	-25°/50°C
HUMIDITY	< 80%	< 80%	< 80%	< 80%

DIMENSION

DIMENSION OF THE PRODUCT	L312xW162xH197 mm	L312xW162xH197 mm	L347xW182xH197 mm	L347xW182xH197 mm
CUTOUT	302x152 mm	302x152 mm	337x172 mm	337x172 mm

APPROVAL & APPLICATIONS CHARS

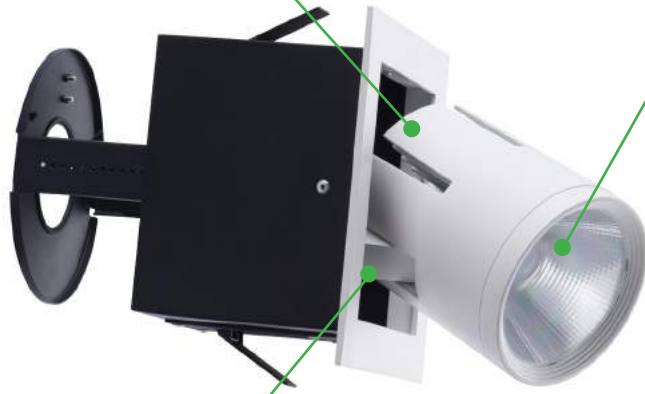
VDE MARKING	-	-	-	-
CE MARKING	YES	YES	YES	YES
UL MARKING	-	-	-	-
ROHS COMPLIANCE	YES	YES	YES	YES



EASY ADJUSTABLE VERTICAL DIRECTION



HIGH BRIGHTNESS CREE LED



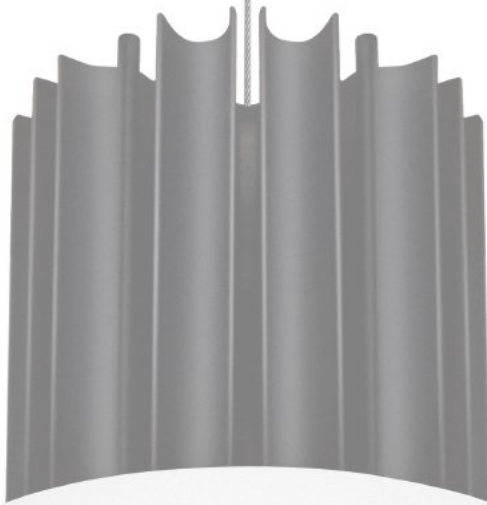
EASY ADJUSTABLE BEAM DIRECTION



LOW BAY LIGHT



RL LOW BAY LIGHT: GREEN IS NOT THE ONLY COLOR OF THE ENERGY SAVING!



LOW BAY LIGHT 10W

RL LOW BAY LIGHT: GREEN IS NOT THE ONLY COLOR OF THE ENERGY SAVING!

This new line of products uses the latest high performance LED C.O.B. from PHILIPS. The new design and the wide range of colors available make this product the ideal solution for showrooms, shopping areas, supermarkets, restaurants, etc.

CAMPANA COMMERCIALE RL: IL COLORE DEL RISPARMIO ENERGETICO NON È SOLO IL VERDE!

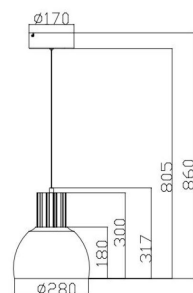
Questa nuova linea di prodotti utilizza i più recenti LED C.O.B. ad alta prestazione della PHILIPS. Il nuovo design e la gamma di colori disponibili rendono questo prodotto la soluzione ideale per showroom, aree commerciali, supermercati, ristoranti, etc.

LED INDUSTRIELEUCHE KLEIN RL: NICHT NUR GRÜN IST DIE FARBE DES ENERGIESPARENS!

RL hat für diese neue Produktlinie entschieden, die neusten LED C.O.B. der PHILIPS mit höchster Leistungsfähigkeit zu verwenden. Durch das neue Design und die Farbpalette ist dieses Produkt die ideale Lösung für Schauräume, Kaufhäuser, Supermärkte, Restaurants usw.



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	150090WW	150090WN
NAME OF PRODUCT	LOW BAY LIGHT 10W	LOW BAY LIGHT 10W
INNER CARTON	1	1
MASTER CARTON	4	4
WEIGHT SINGLE PIECE	1.650 g	1.650 g

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL	COMMERCIAL
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	PHILIPS C.O.B. 1208	PHILIPS C.O.B. 1208

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K
CRI	>90	>90
LUMINOUS FLUX	>1.000Lm	>1.100Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	36°	36°

ELECTRICAL DATA

SYSTEM POWER	10W±5%	10W±5%
START TIME (SECOND)	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	NONE	NONE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 85°C	T-CASE LIFETIME 85°C

DIMENSION

DIMENSION OF THE PRODUCT	∅280x180/300 mm	∅280x180/300 mm
CUTOUT	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-
CE MARKING	YES	YES
UL MARKING	-	-
ROHS COMPLIANCE	YES	YES

LOW BAY LIGHT 35W

RL LOW BAY LIGHT: GREEN IS NOT THE ONLY COLOR OF THE ENERGY SAVING!

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TECHNICAL DATA

ARTICLE NUMBER	150091WW	150091WN
NAME OF PRODUCT	LOW BAY LIGHT 35W	LOW BAY LIGHT 35W
INNER CARTON	1	1
MASTER CARTON	4	4
WEIGHT SINGLE PIECE	1.650 g	1.650 g

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL	COMMERCIAL
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	PHILIPS C.O.B. 1208	PHILIPS C.O.B. 1208

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K
CRI	>90	>90
LUMINOUS FLUX	>3.150Lm	>3.500Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	36°	36°

ELECTRICAL DATA

SYSTEM POWER	35W±5%	35W±5%
START TIME (SECOND)	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	NONE	NONE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 85°C	T-CASE LIFETIME 85°C

DIMENSION

DIMENSION OF THE PRODUCT	ø280x180/300 mm	ø280x180/300 mm
CUTOUT	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-
CE MARKING	YES	YES
UL MARKING	-	-
ROHS COMPLIANCE	YES	YES

LINEAR TRACK LIGHT

RL LINEAR TRACK LIGHT: THE LIGHT WILL NEVER BE THE SAME!



LINEAR TRACK LIGHT

LINEAR TRACK LIGHT HP



LINEAR TRACK LIGHT 30/60W

LINEAR TRACK LIGHT: THE LIGHT WILL NEVER BE THE SAME!

RL Linear Track Lights are the most convenient cost-effective light-line solution for industrial, commercial and any other applications. Easy to install, the Linear Track Light reduces time, labor, packaging waste and complexity.

LINEAR TRACK LIGHT: LA LUCE NON SARÀ PIÙ LA STESSA!

Le Linear Track Lights RL sono la soluzione più conveniente in termini di costi/effetti per l'illuminazione industriale, gli spazi commerciali e in generale per ogni altro tipo di applicazione. Facile da installare, la Linear Track Light riduce il tempo, il lavoro, i rifiuti di imballaggio e la complessità.

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Ganz einfach zu installieren, das RL-Track Light reduziert die Zeit, die Arbeit, die Verpackungsabfälle und die Kompliziertheit.



WHITE

SILVER



C.R.I. COMPARISON



OUR LINEAR TRACK LIGHT CRI>85



NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	106030XW/106030XN	106060XW/106060XN
NAME OF PRODUCT	LINEAR TRACK LIGHT 30W	LINEAR TRACK LIGHT 60W
INNER CARTON	1	1
MASTER CARTON	8	4
WEIGHT SINGLE PIECE	1,500 Kg	2 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	OSRAM	OSRAM
IP RATE	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100/4.000K ±100	3.000K ±100/4.000K ±100
CRI	>85 (>90 AVAILABLE)	>85 (>90 AVAILABLE)
LUMINOUS FLUX	>2.500/2.600 Lm	>5.000/5.200 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	48° (10°-24°-36° AVAILABLE)	48° (10°-24°-36° AVAILABLE)

ELECTRICAL DATA

SYSTEM POWER	30W ±5%	60W ±5%
START TIME (SECOND)	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-40V	32-40V
OUTPUT CURRENT	0,5A	0,5A
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	NO, DALI AVAILABLE	NO, DALI AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 75°C	T-CASE LIFETIME 75°C
HUMIDITY	65±20%RH	65±20%RH

DIMENSION

DIMENSION OF THE PRODUCT	405X40X93 mm	405X78X100 mm
CUTOUT	NONE	NONE

COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES



WHITE

SILVER



C.R.I. COMPARISON



OUR LINEAR TRACK LIGHT CRP85



NORMAL LIGHT C.R.I. 70

UGR<9

LINEAR TRACK LIGHT 40/80W

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TECHNICAL DATA

ARTICLE NUMBER	106140XW/106140XN	106180XW/106180XN
NAME OF PRODUCT	LINEAR TRACK LIGHT 40W	LINEAR TRACK LIGHT 80W
INNER CARTON	1	1
MASTER CARTON	8	4
WEIGHT SINGLE PIECE	2,100 Kg	2,700 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	OSRAM	OSRAM
IP RATE	IP 20	IP 20

LIGHTING DATA RL EUROPE - CATALOGUE 2019 65

COLOR TEMPERATURE	3.000K ±100/4.000K ±100	3.000K ±100/4.000K ±100
CRI	>85 (>90 AVAILABLE)	>85 (>90 AVAILABLE)
LUMINOUS FLUX	>3.300/3.400 Lm	>6.600/6.800 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	48° (10°-24°-36° AVAILABLE)	48° (10°-24°-36° AVAILABLE)

ELECTRICAL DATA

SYSTEM POWER	40W ±5%	80W ±5%
START TIME (SECOND)	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-40V	32-40V
OUTPUT CURRENT	0,5A	0,5A
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	NO, DALI AVAILABLE	NO, DALI AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 75°C	T-CASE LIFETIME 75°C
HUMIDITY	65±20%RH	65±20%RH

DIMENSION

DIMENSION OF THE PRODUCT	565X40X93 mm	565X78X100 mm
CUTOUT	NONE	NONE

COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

LINEAR TRACK LIGHT 60/120W

LINEAR TRACK LIGHT: THE LIGHT WILL NEVER BE THE SAME!

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Ganz einfach zu installieren, das RL-Track Light reduziert die Zeit, die Arbeit, die Verpackungsabfälle und die Kompliziertheit.



WHITE

SILVER



C.R.I. COMPARISON



OUR LINEAR TRACK LIGHT CRI=85



NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	106260XW/106260XN	1062120XW/1062120XN
NAME OF PRODUCT	LINEAR TRACK LIGHT 60W	LINEAR TRACK LIGHT 120W
INNER CARTON	1	1
MASTER CARTON	8	4
WEIGHT SINGLE PIECE	2,700 Kg	4 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	OSRAM	OSRAM
IP RATE	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100/4.000K ±100	3.000K ±100/4.000K ±100
CRI	>85 (>90 AVAILABLE)	>85 (>90 AVAILABLE)
LUMINOUS FLUX	>5.000/5.200 Lm	>10.000/10.400 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	48° (10°-24°-36° AVAILABLE)	48° (10°-24°-36° AVAILABLE)

ELECTRICAL DATA

SYSTEM POWER	60W ±5%	120W ±5%
START TIME (SECOND)	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-40V	32-40V
OUTPUT CURRENT	0,5A	0,5A
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	NO, DALI AVAILABLE	NO, DALI AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 75°C	T-CASE LIFETIME 75°C
HUMIDITY	65±20%RH	65±20%RH

DIMENSION

DIMENSION OF THE PRODUCT	724X40X93 mm	724X78X100 mm
CUTOUT	NONE	NONE

COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

LINEAR TRACK LIGHT HP 30W

LINEAR TRACK LIGHT: THE LIGHT WILL NEVER BE THE SAME!

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WHITE

SILVER



C.R.I. COMPARISON



OUR LINEAR TRACK LIGHT C.R.I. 85

NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	106030XWHP	106030XNHP
NAME OF PRODUCT	LINEAR TRACK LIGHT HP 30W	LINEAR TRACK LIGHT HP 30W
INNER CARTON	1	1
MASTER CARTON	4	4
WEIGHT SINGLE PIECE	1,500 Kg	1,500 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 3030	SMD 3030
IP RATE	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>3.900 Lm	>4.100 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	90° (30°-60°-120° AVAILABLE)	90° (30°-60°-120° AVAILABLE)

ELECTRICAL DATA

SYSTEM POWER	30W ±5%	30W ±5%
START TIME (SECOND)	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-40V	32-40V
OUTPUT CURRENT	0,5A	0,5A
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	NO, 1-10V AND DALI AVAILABLE	NO, 1-10V AND DALI AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 75°C	T-CASE LIFETIME 75°C
HUMIDITY	65±20%RH	65±20%RH

DIMENSION

DIMENSION OF THE PRODUCT	650X40X95 mm	650X40X95 mm
CUTOUT	NONE	NONE

COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

LINEAR TRACK LIGHT HP 50W

LINEAR TRACK LIGHT: THE LIGHT WILL NEVER BE THE SAME!

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WHITE

SILVER



C.R.I. COMPARISON



OUR LINEAR TRACK LIGHT CRI=85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	106150XWHP	106150XNHP
NAME OF PRODUCT	LINEAR TRACK LIGHT HP 50W	LINEAR TRACK LIGHT HP 50W
INNER CARTON	1	1
MASTER CARTON	4	4
WEIGHT SINGLE PIECE	2,100 Kg	2,100 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 3030	SMD 3030
IP RATE	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>6.500 Lm	>6.700 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	90° (30°-60°-120° AVAILABLE)	90° (30°-60°-120° AVAILABLE)

ELECTRICAL DATA

SYSTEM POWER	50W ±5%	50W ±5%
START TIME (SECOND)	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-40V	32-40V
OUTPUT CURRENT	0,5A	0,5A
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	NO, 1-10V AND DALI AVAILABLE	NO, 1-10V AND DALI AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 75°C	T-CASE LIFETIME 75°C
HUMIDITY	65±20%RH	65±20%RH

DIMENSION

DIMENSION OF THE PRODUCT	930X40X95 mm	930X40X95 mm
CUTOUT	NONE	NONE

COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

LINEAR TRACK LIGHT HP 70W

LINEAR TRACK LIGHT: THE LIGHT WILL NEVER BE THE SAME!

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WHITE

SILVER



C.R.I. COMPARISON



OUR LINEAR TRACK LIGHT CRP85

NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	106270XWHP	106270XNHP
NAME OF PRODUCT	LINEAR TRACK LIGHT HP 70W	LINEAR TRACK LIGHT HP 70W
INNER CARTON	1	1
MASTER CARTON	4	4
WEIGHT SINGLE PIECE	2,700 Kg	2,700 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 3030	SMD 3030
IP RATE	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>85	>85
LUMINOUS FLUX	>9.100 Lm	>9.500 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	90° (30°-60°-120° AVAILABLE)	90° (30°-60°-120° AVAILABLE)

ELECTRICAL DATA

SYSTEM POWER	70W ±5%	70W ±5%
START TIME (SECOND)	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-40V	32-40V
OUTPUT CURRENT	0,5A	0,5A
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	NO, 1-10V AND DALI AVAILABLE	NO, 1-10V AND DALI AVAILABLE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 75°C	T-CASE LIFETIME 75°C
HUMIDITY	65±20%RH	65±20%RH

DIMENSION

DIMENSION OF THE PRODUCT	1.210X40X93 mm	1.210X40X95 mm
CUTOUT	NONE	NONE

COLOR

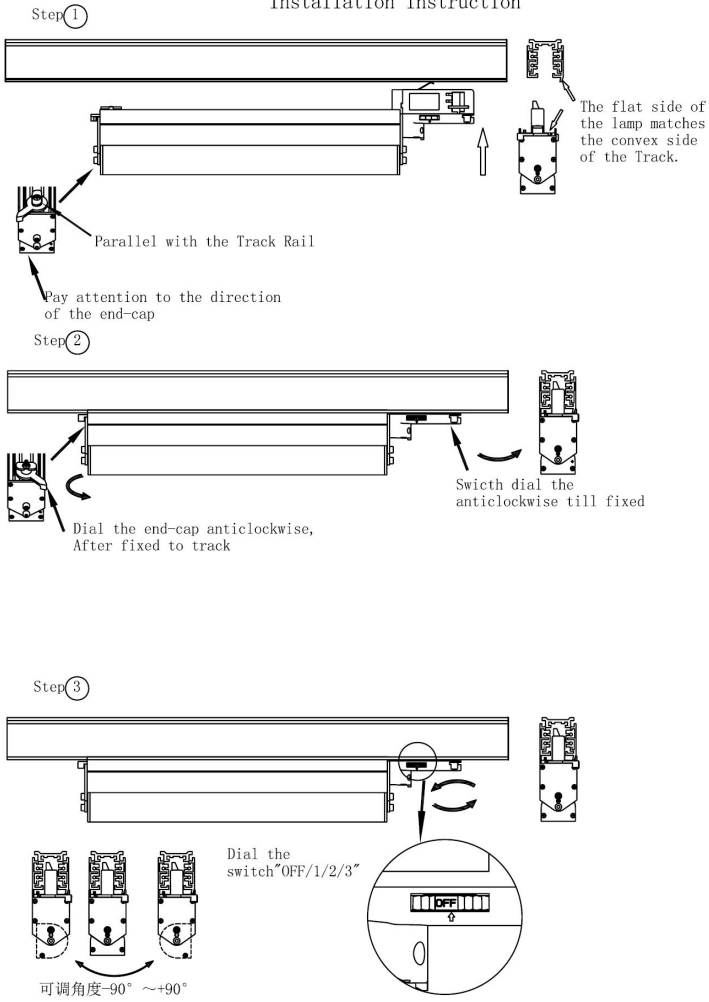
COLOR OF THE PRODUCT	X=B BLACK	X= S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

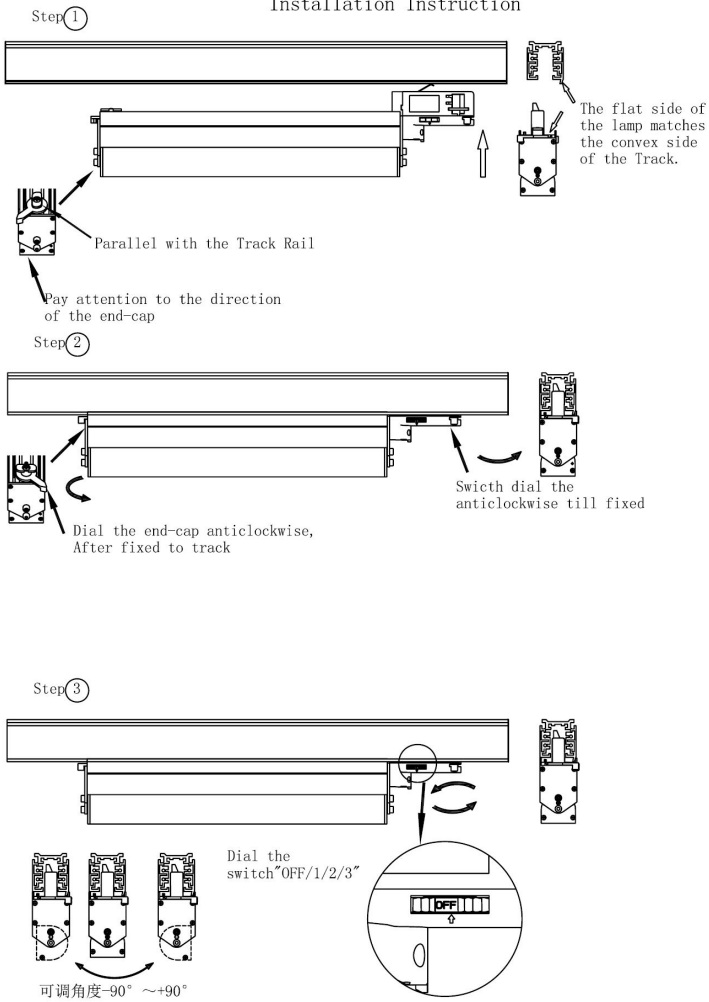
INSTALLATION 1

Installation Instruction



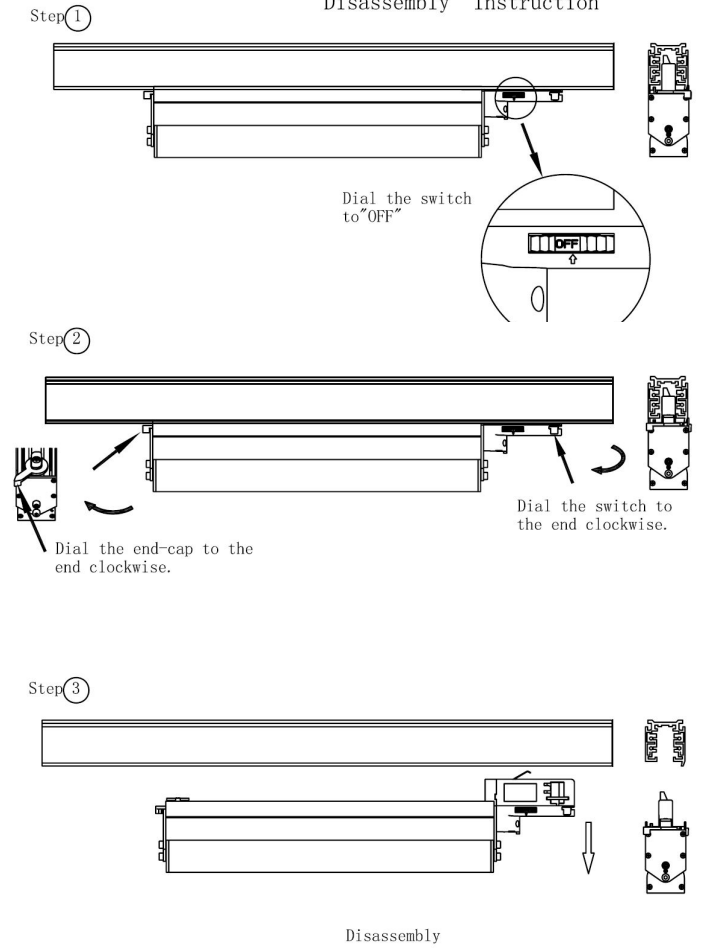
INSTALLATION 2

Installation Instruction



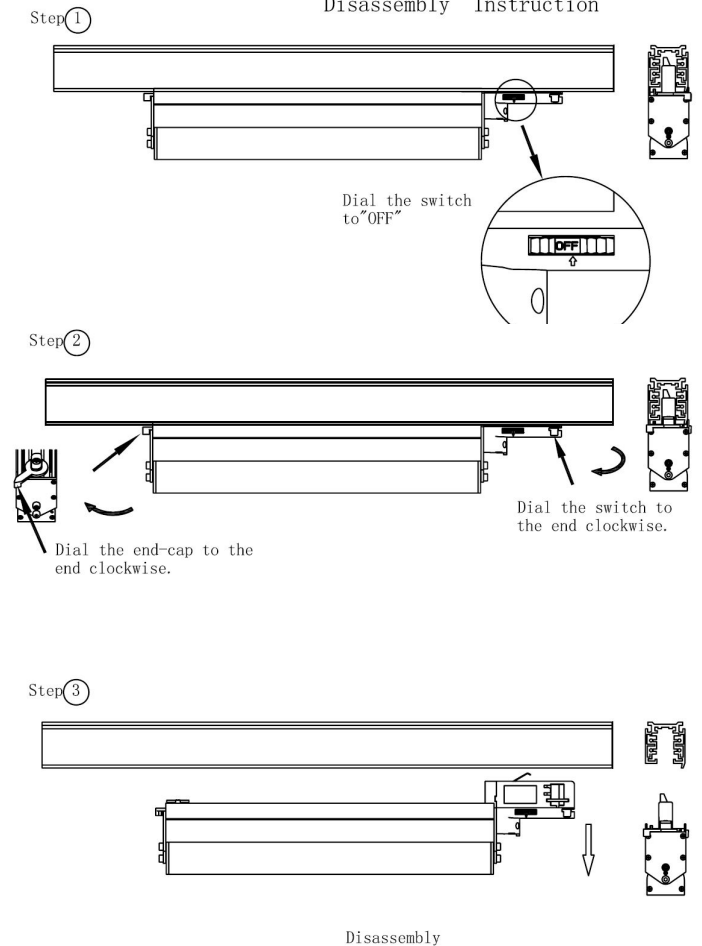
DISASSEMBLY 1

Disassembly Instruction



DISASSEMBLY 2

Disassembly Instruction



SPECIAL TRACK LIGHT



RL LED TRACK LIGHT FOR A UNIQUE DÉCOR



TRACK LIGHT ZOOMABLE



TRACK LIGHT ZOOMABLE AND DIMMABLE



TRACK LIGHT COLOR ADJUSTABLE



TRACK LIGHT ZOOMABLE 20W

RL LED TRACK LIGHT FOR A UNIQUE DÉCOR

These new Track Lights use the latest high-performance LED C.O.B. of CREE. The innovative design makes this product the perfect solution for highlighting the details in showrooms, shopping areas, supermarkets, museums, hotels, restaurants, etc.

LE TRACK LIGHT RL PER UN ARREDAMENTO INCONFONDIBILE

Questi nuovi fari a binario utilizzano i nuovissimi LED C.O.B. ad altissima resa di CREE. L'innovativo design rende questo prodotto la soluzione ideale per risaltare i dettagli all'interno di showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

TRACK LIGHT RL FÜR UNVERWECHSELBARE RAUMGESTALTUNG

RL hat beschlossen, für diese neue Produktlinie die neusten LED C.O.B. der CREE mit höchster Leistungsfähigkeit zu verwenden. Durch das neue Design ist dieses Produkt die ideale Lösung für Schauräume, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, usw.



WHITE

SILVER



LUMEN/WATT
C.R.I. COMPARISON



OUR TRACKLIGHT C.R.I. >90

NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	180000XW	180000XN
NAME OF PRODUCT	TRACK LIGHT ZOOMABLE 20W	TRACK LIGHT ZOOMABLE 20W
INNER CARTON	1	1
MASTER CARTON	12	12
WEIGHT SINGLE PIECE	1,200 Kg	1,200 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50,000 hours	> 50,000 hours
SOURCE (LED TYPE)	CREE C.O.B.	CREE C.O.B.
IP RATE	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>90	>90
LUMINOUS FLUX	>2.340 Lm	>2.600 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	ADJUSTABLE FROM 15° TO 60°	ADJUSTABLE FROM 15° TO 60°

ELECTRICAL DATA

SYSTEM POWER	20W ±5%	20W ±5%
START TIME (SECOND)	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-40V	32-40V
OUTPUT CURRENT	0,5A	0,5A
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	NONE	NONE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 75°C	T-CASE LIFETIME 75°C
HUMIDITY	65±20%RH	65±20%RH

DIMENSION

DIMENSION OF THE PRODUCT	80X183 mm	80X183 mm
CUTOUT	NONE	NONE

COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES



TRACK LIGHT ZOOMABLE 30W

RL LED TRACK LIGHT FOR A UNIQUE DÉCOR

These new Track Lights use the latest high-performance LED C.O.B. of CREE. The innovative design makes this product the perfect solution for highlighting the details in showrooms, shopping areas, supermarkets, museums, hotels, restaurants, etc.



WHITE SILVER



LUMEN/WATT
C.R.I. COMPARISON



OUR TRACKLIGHT C.R.I. >90

NORMAL LIGHT C.R.I. 70



LE TRACK LIGHT RL PER UN ARREDAMENTO INCONFONDIBILE

Questi nuovi fari a binario utilizzano i nuovissimi LED C.O.B. ad altissima resa di CREE. L'innovativo design rende questo prodotto la soluzione ideale per risaltare i dettagli all'interno di showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

TRACK LIGHT RL FÜR UNVERWECHSELBARE RAUMGESTALTUNG

RL hat beschlossen, für diese neue Produktlinie die neusten LED C.O.B. der CREE mit höchster Leistungsfähigkeit zu verwenden. Durch das neue Design ist dieses Produkt die ideale Lösung für Schauräume, Kaufhäuser, Supermärkte, Museen, Hotels, Restaurants, usw.

TECHNICAL DATA

ARTICLE NUMBER	180001XW	180001XN
NAME OF PRODUCT	TRACK LIGHT ZOOMABLE 30W	TRACK LIGHT ZOOMABLE 30W
INNER CARTON	1	1
MASTER CARTON	8	8
WEIGHT SINGLE PIECE	1,500 Kg	1,500 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	CREE C.O.B.	CREE C.O.B.
IP RATE	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>90	>90
LUMINOUS FLUX	>3.510 Lm	>3.900 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	ADJUSTABLE FROM 15° TO 60°	ADJUSTABLE FROM 15° TO 60°

ELECTRICAL DATA

SYSTEM POWER	30W ±5%	30W ±5%
START TIME (SECOND)	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-40V	32-40V
OUTPUT CURRENT	0,5A	0,5A
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	NONE	NONE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 75°C	T-CASE LIFETIME 75°C
HUMIDITY	65±20%RH	65±20%RH

DIMENSION

DIMENSION OF THE PRODUCT	93X183 mm	93X183 mm
CUTOUT	NONE	NONE

COLOR

COLOR OF THE PRODUCT	X=B BLACK	X=S SILVER	X=W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES

TRACK LIGHT ZOOMABLE AND DIMMABLE 30W

RL LED TRACK LIGHT FOR A UNIQUE DÉCOR

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LE TRACK LIGHT RL PER UN ARREDAMENTO INCONFONDIBILE

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TRACK LIGHT RL FÜR UNVERWECHSELBARE RAUMGESTALTUNG

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WHITE

SILVER



LUMEN/WATT
C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	180001XDW	180001XDN
NAME OF PRODUCT	TRACK LIGHT ZOOMABLE AND DIMMABLE 30W	TRACK LIGHT ZOOMABLE AND DIMMABLE 30W
INNER CARTON	1	1
MASTER CARTON	8	8
WEIGHT SINGLE PIECE	1,500 Kg	1,500 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	CREE C.O.B.	CREE C.O.B.
IP RATE	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±100	4.000K ±100
CRI	>90	>90
LUMINOUS FLUX	>3.510 Lm	>3.900 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	ADJUSTABLE FROM 15° TO 60°	ADJUSTABLE FROM 15° TO 60°

ELECTRICAL DATA

SYSTEM POWER	30W ±5%	30W ±5%
START TIME (SECOND)	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-40V	32-40V
OUTPUT CURRENT	0,5A	0,5A
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	1-10V (TRIAC AND DALI AVAILABLE)	1-10V (TRIAC AND DALI AVAILABLE)
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 75°C	T-CASE LIFETIME 75°C
HUMIDITY	65±20%RH	65±20%RH

DIMENSION

DIMENSION OF THE PRODUCT	93X183 mm	93X183 mm
CUTOUT	NONE	NONE

COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= S SILVER	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES



WHITE

TRACK LIGHT COLOR ADJUSTABLE

RL LED TRACK LIGHT FOR A UNIQUE DÉCOR

These new Track Lights use the latest high-performance LED C.O.B. of CREE. The innovative design makes this product the perfect solution for highlighting the details in showrooms, shopping areas, supermarkets, museums, hotels, restaurants, etc.

LE TRACK LIGHT RL PER UN ARREDAMENTO INCONFONDIBILE

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TRACK LIGHT RL FÜR UNVERWECHSELBARE RAUMGESTALTUNG

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TECHNICAL DATA

ARTICLE NUMBER	180000XCA	180001XCA
NAME OF PRODUCT	TRACK LIGHT 20W 3 COLORS	TRACK LIGHT 30W 3 COLORS
INNER CARTON	1	1
MASTER CARTON	12	12
WEIGHT SINGLE PIECE	0,75 Kg	0,79 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL LIGHTING	COMMERCIAL LIGHTING
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 3030	SMD 3030
IP RATE	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K + 4.000K + 5.700K	3.000K + 4.000K + 5.700K
CRI	>90	>90
LUMINOUS FLUX	FROM 2.340 TO 2.860	FROM 3.510 TO 4.290
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	38°	38°

ELECTRICAL DATA

SYSTEM POWER	20W ±5%	30W ±5%
START TIME (SECOND)	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	33-38V	27-40V
OUTPUT CURRENT	0,43A	0,68A
POWER FACTOR	> 0,9	> 0,9
DIMMABLE	NONE	NONE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T-CASE LIFETIME 75°C	T-CASE LIFETIME 75°C
HUMIDITY	65±20%RH	65±20%RH

DIMENSION

DIMENSION OF THE PRODUCT	202X85X206 mm	232X85X206 mm
CUTOUT	NONE	NONE

COLOR

COLOR OF THE PRODUCT	X=B BLACK	X= W WHITE
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS
CE MARKING	YES	YES
UL MARKING	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES



TRACK LIGHT

RL LED TRACK LIGHT FOR A UNIQUE DÉCOR



TRACK LIGHT 20W/30W

RL LED TRACK LIGHT FOR A UNIQUE DÉCOR

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LE TRACK LIGHT RL PER UN ARREDAMENTO INCONFONDIBILE

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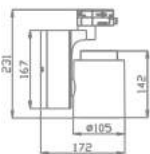
TRACK LIGHT RL FÜR UNVERWECHSELBARE RAUMGESTALTUNG

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BLACK

SILVER



C.R.I. COMPARISON



OUR TRACKLIGHT C.R.I. > 90

NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	180003B/180003S/ 180003N	180004B/180004S/ 180004N	180001B/180001S/ 180001N	180002B/180002S/ 180002N
NAME OF PRODUCT	TRACK LIGHT 20W		TRACK LIGHT 30W	
INNER CARTON	1	1	1	1
MASTER CARTON	18	18	6	6
WEIGHT SINGLE PIECE	1,6 Kg	1,6 Kg	1,58 Kg	1,58 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL	COMMERCIAL	COMMERCIAL	COMMERCIAL
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	C.O.B.	C.O.B.	C.O.B.	C.O.B.
IP RATE	IP 20	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±500	4.000K ±500	3.000K ±500	4.000K ±500
CRI	>90	>90	>90	>90
LUMINOUS FLUX	>2.340 Lm	>2.600 Lm	>3.510 Lm	>3.900 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	15°/36°/45°/60°	15°/36°/45°/60°	15°/36°/45°/60°	15°/36°/45°/60°

ELECTRICAL DATA

SYSTEM POWER	20 ±1W	20 ±1W	30 ±1W	30 ±1W
START TIME (SECOND)	< 0,1S	< 0,1S	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-40V	32-40V	31-62V	31-62V
OUTPUT CURRENT	0,5 A	0,5 A	0,3-1 A	0,3-1 A
POWER FACTOR	> 0,90	> 0,90	> 0,90	> 0,90
DIMMABLE	NONE	NONE	NONE	NONE
ENERGY SAVING	YES	YES	YES	YES
WORKING TEMPERATURE	T Case 75° C	T Case 75° C	T Case 75° C	T Case 75° C
HUMIDITY	65 ±20% RH	65 ±20% RH	65 ±20% RH	65 ±20% RH

DIMENSION

DIMENSION OF THE PRODUCT	124x70x167 mm	124x70x167 mm	231x172x105 mm	231x172x105 mm
CUTOUT	NONE	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-	-
CE MARKING	YES	YES	YES	YES
UL MARKING	-	-	-	-
ROHS COMPLIANCE	YES	YES	YES	YES

TRACK LIGHT 20W/30W

RL LED TRACK LIGHT FOR A UNIQUE DÉCOR

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LE TRACK LIGHT RL PER UN ARREDAMENTO INCONFONDIBILE

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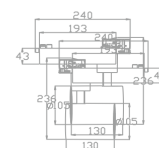
TRACK LIGHT RL FÜR UNVERWECHSELBARE RAUMGESTALTUNG

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BLACK

SILVER



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	180003BH/180003SH/ 180003NH	180004BH/180004SH/ 180004NH	180001BH/180001SH/ 180001NH	180002BH/180002SH/ 180002NH
NAME OF PRODUCT	TRACK LIGHT 20W		TRACK LIGHT 30W	
INNER CARTON	1	1	1	1
MASTER CARTON	18	18	6	6
WEIGHT SINGLE PIECE	1,6 Kg	1,6 Kg	1,58 Kg	1,58 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL	COMMERCIAL	COMMERCIAL	COMMERCIAL
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	C.O.B.	C.O.B.	C.O.B.	C.O.B.
IP RATE	IP 20	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±500	4.000K ±500	3.000K ±500	4.000K ±500
CRI	>90	>90	>90	>90
LUMINOUS FLUX	>2.340 Lm	>2.600 Lm	>3.510 Lm	>3.900 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	15°/36°/45°/60°	15°/36°/45°/60°	15°/36°/45°/60°	15°/36°/45°/60°

ELECTRICAL DATA

SYSTEM POWER	20 ±1W	20 ±1W	30 ±1W	30 ±1W
START TIME (SECOND)	< 0,1S	< 0,1S	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-40V	32-40V	31-62V	31-62V
OUTPUT CURRENT	0,5 A	0,5 A	0,3-1 A	0,3-1 A
POWER FACTOR	> 0,90	> 0,90	> 0,90	> 0,90
DIMMABLE	NONE	NONE	NONE	NONE
ENERGY SAVING	YES	YES	YES	YES
WORKING TEMPERATURE	T Case 75° C	T Case 75° C	T Case 75° C	T Case 75° C
HUMIDITY	65 ±20% RH	65 ±20% RH	65 ±20% RH	65 ±20% RH

DIMENSION

DIMENSION OF THE PRODUCT	124x70x167 mm	124x70x167 mm	231x172x105 mm	231x172x105 mm
CUTOUT	NONE	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-	-
CE MARKING	YES	YES	YES	YES
UL MARKING	-	-	-	-
ROHS COMPLIANCE	YES	YES	YES	YES

TRACK LIGHT 50W

RL LED TRACK LIGHT FOR A UNIQUE DÉCOR

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LE TRACK LIGHT RL PER UN ARREDAMENTO INCONFONDIBILE

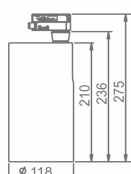
Questi nuovi fari a binario utilizzano i nuovissimi LED C.O.B. ad altissima resa di Philips. L'innovativo design rende questo prodotto la soluzione ideale per risaltare i dettagli all'interno di showroom, aree commerciali, supermercati, musei, hotel, ristoranti, etc.

TRACK LIGHT RL FÜR UNVERWECHSELBARE RAUMGESTALTUNG

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BLACK SILVER



C.R.I. COMPARISON



OUR TRACKLIGHT C.R.I. >90

NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	180001B5024/180001S5024/180001N5024(24°)	180002B5024/180002S5024/180002N5024(24°)
	180001B5036/180001S5036/180001N5036(36°)	180002B5036/180002S5036/180002N5036(36°)
	180001B5050/180001S5050/180001N5050 (50°)	180002B5050/180002S5050/180002N5050 (50°)
	TRACK LIGHT 50W	

NAME OF PRODUCT		
INNER CARTON	1	1
MASTER CARTON	6	6
WEIGHT SINGLE PIECE	2,1 Kg	2,1 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	COMMERCIAL	COMMERCIAL
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	C.O.B.	C.O.B.
IP RATE	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ±300
CRI	>90	>90
LUMINOUS FLUX	>5.850 Lm	>6.500 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	24°, 36° and 50°	24°, 36° and 50°

ELECTRICAL DATA

SYSTEM POWER	50W	50W
START TIME (SECOND)	< 0,1S	< 0,1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	220-240V	220-240V
FREQUENCY	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	32-42V	32-42V
OUTPUT CURRENT	0,8A	0,8A
POWER FACTOR	> 0,90	> 0,90
DIMMABLE	NONE	NONE
ENERGY SAVING	YES	YES
WORKING TEMPERATURE	T Case 75° C	T Case 75° C
HUMIDITY	65 ±20% RH	65 ±20% RH

DIMENSION

DIMENSION OF THE PRODUCT	118x236x275 mm	210x236x275 mm
CUTOUT	NONE	NONE

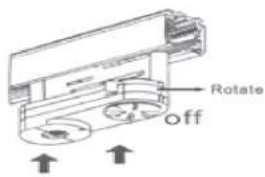
APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-
CE MARKING	YES	YES
UL MARKING	-	-
ROHS COMPLIANCE	YES	YES

TRACK LIGHT

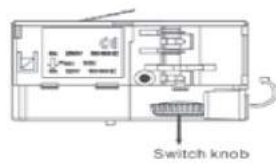
INSTALLATION GUIDE

TRACK LIGHT 30W



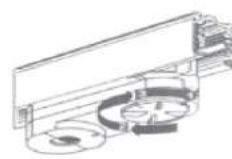
1

TURN OFF THE POWER SUPPLY.
TURN THE ROTATE HANDLE AND SWITCH KNOB TO "OFF" POSITION AND PUT THE ADAPTOR INTO TRACK.



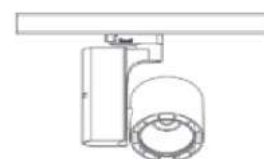
2

TURN THE ROTATE HANDLE TO THE OTHER SIDE OF THE ADAPTOR TO LOCK IN THE TRACK.



3

TO CHOOSE THE PHASE TO 1 PHASE/ 2 PHASE/ 3 PHASE BY TURNING THE SWITCH KNOB TO 1, 2 OR 3 AND PUSH THE KNOB TO "ON" POSITION.

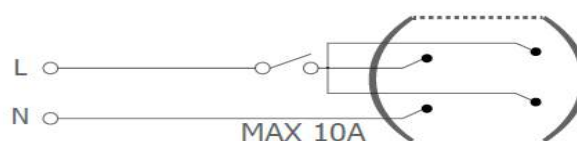
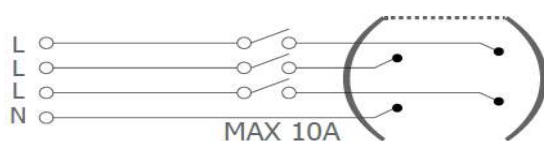
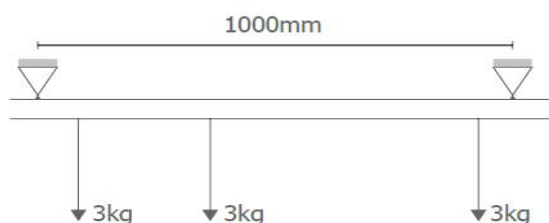


4

INSTALLATION COMPLETED.

NOTE:

- 3 PHASE TRACK AND CONNECTORS ARE DESIGNED FOR INDOOR USE. TRACK CAN BE CONNECTED BY CONNECTORS, MAXIMUM LENGTH OF ONE SYSTEM IS 20 METERS.
- MAXIMUM CURRENT OF ALL CONNECTED LUMINARIES CAN NOT EXCEED 10A. (SEE BELOW PICTURE)
- ONLY ONE TRACK POWER SUPPLY CONNECTOR (220/230V 50/60Hz) CAN BE USED WITH ONE TRACK SYSTEM.
- END OF TRACK SYSTEM MUST BE ALWAYS ENDED (COVERED) WITH END CUP.
- TRACK AND CONNECTORS MUST BE INSTALLED IN PLACE WHICH CAN NOT BE REACHED BY CHILDREN.
- DON'T HANG ON ANY OBJECT TO THE TRACK EXCEPT PROPER LUMINARIES.
- ANY ADJUSTMENT, INSTALLATION, LIGHT SOURCE EXCHANGE IS ALLOWED ONLY AFTER POWER SUPPLY IS OFF.
- MAKE SURE ELECTRICAL, MECHANICAL AND THERMAL COOPERATION BETWEEN TRACK SYSTEM AND LUMINARIES CONNECTED TO THE SYSTEM IS COMPATIBLE.
- WE RESERVE THE RIGHT TO MAKE CHANGES IN THE PRODUCT DESIGN.
- MAXIMUM LOAD CAPACITY OF TRACK AS BELOW:



INSTALLATION INSTRUCTION:

- TURN OFF THE POWER SUPPLY BEFORE INSTALLATION. THE INSTALLATION MUST BE DONE BY QUALIFIED ELECTRICIAN.
- UNSCREW THE SCREWS IN TRACK POWER SUPPLY CONNECTOR AND REMOVE COVER.
- CONNECT THE POWER SUPPLY CABLE TO THE TERMINAL OF POWER SUPPLY CONNECTOR, LIVE WIRE TO L1; L2; L3, NULL WIRES TO N.
- MOUNT THE POWER SUPPLIER CONNECTOR TO TRACK.
- MOUNT TRACK TO CEILING OR WALL BY BOLTS. MAKE SURE THE CEILING OR WALL IS STRONG ENOUGH FOR THE TRACK AND LUMINARIES. CONNECT TWO OR MORE TRACKS BY TRACK CONNECTORS IF NEEDED. THERE ARE I SHAPE, L SHAPE, T SHAPE, X SHAPE AND FLEXIBLE CONNECTOR OPTIONS.
- MOUNT THE END CAP TO TRACK AT THE END OF SYSTEM.

TRACK LIGHT ACCESSORIES

**4 WIRES TRACK ROUND SHAPE
1M**



180101B WHITE
180101S SILVER
180101N BLACK

**4 WIRES TRACK ROUND SHAPE
2M**



180102B WHITE
180102S SILVER
180102N BLACK

4 WIRES I SHAPE CONNECTOR



180104B WHITE
180104S SILVER
180104N BLACK

4 WIRES L SHAPE CONNECTOR



180105B WHITE
180105S SILVER
180105N BLACK

4 WIRES T SHAPE CONNECTOR



180106B WHITE
180106S SILVER
180106N BLACK

4 WIRES X SHAPE CONNECTOR



180107B WHITE
180107S SILVER
180107N BLACK

4 WIRES FLEXIBLE CONNECTOR



180108B WHITE
180108S SILVER
180108N BLACK

**4 WIRES I SHAPE INNER
CONNECTOR**



180109B WHITE
180109S SILVER
180109N BLACK

TRACK SUSPENDED KIT 2M



180110B WHITE
180110S SILVER
180110N BLACK

TRACK SUSPENDED KIT 3 M



180102-3B WHITE
180102-3S SILVER
180102-3N BLACK

DESIGN FOR TRACK LIGHTING
WITH ADAPTER, EASY TO INSTALL
AND ADJUSTABLE ROTATION

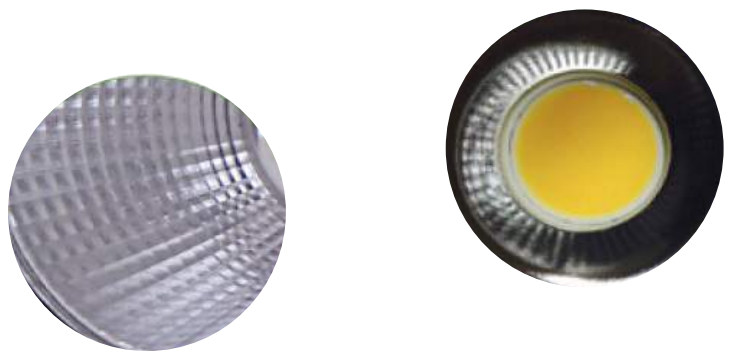


ULTRA BRIGHTNESS C.O.B. LED



Silver Black

VARIOUS COLORS FOR OPTION



SPECIAL OPTICAL REFLECTOR FOR
INCREASE THE LIGHT

BRACKET TUBE

RL BRACKET TUBE: THE BEST CHOICE FOR MARKET'S LIGHTING



WITHOUT REFLECTOR



WITH REFLECTOR



BRACKET TUBE

BRACKET TUBE WITHOUT REFLECTOR: THE BEST CHOICE OF COMMERCIAL LIGHTING

BRACKET TUBE is a single LED lighting body that has been designed for illuminating commercial and industrial areas.

The particular design and the easy installation make it absolutely the best choice.



BRACKET TUBE SENZA RIFLETTORE: LA MIGLIORE SCELTA PER L'USO COMMERCIALE

BRACKET TUBE è un corpo illuminante completo a LED che è stato progettato per l'illuminazione di aree commerciali e industriali.

Il particolare design e la facilità di installazione rendono questo prodotto la scelta migliore.

BRACKET TUBE OHNE SCHEINWERFER: DIE BESTE WAHL DER KOMMERZIELLEN BELEUCHTUNG

BRACKET TUBE ist eine komplette LED-Leuchtkörper, die zur Beleuchtung von gewerblichen und industriellen Bereichen konzipiert wurde. Das besondere Design und die einfache Installation es zu einem Produkt der besten Wahl machen.



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	100180BTWR/100181BTWR/100183BTWR/100184BTWR/100182BTWR	100183BTWR/100185BTWR	100186BTWR/100187BTWR/100188BTWR
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NAME OF PRODUCT	BRACKET TUBE WITHOUT REFLECTOR		
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INNER CARTON	1	1	1
MASTER CARTON	6	6	4
WEIGHT SINGLE PIECE	1,5 Kg	1,5 Kg	1,85 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 42	IP 42	IP 42

LIGHTING DATA

COLOR TEMPERATURE	3.000/4.000/5.700K ±300K	3.000/4.000/5.700K ±300K	3.000/4.000/5.700K ±300K
CRI	>85	>85	>85
LUMINOUS FLUX	4.400/4.600/4.800 Lm	6.600/6.900/7.200 Lm	6.600/6.900/7.200 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 30.000 hrs	70% AFTER 30.000 hrs	70% AFTER 30.000 hrs
RATED BEAM ANGLE	> 100°	> 100°	> 100°
LED (pcs)	216	336	336

ELECTRICAL DATA

SYSTEM POWER	40W	60W	60W
POWER FACTOR	> 0,95	> 0,95	> 0,95
POWER EFFICIENCY	> 90%	> 90%	> 90%
THD	7,8%	7,8%	7,8%
START TIME (SECOND)	<0,5 S	<0,5 S	<0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	<2,0S	<2,0S	<2,0S
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	DC 42 V	DC 42 V	DC 42 V
OUTPUT CURRENT	0,85 A	1,25 A	1,25 A
DIMMABLE		OPTIONAL WITH EXTERNAL DRIVE	
ENERGY SAVING	A+	A+	A+
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	< 60%	< 60%	< 60%

DIMENSION

DIMENSION OF THE PRODUCT	1.200*100*60 mm	1.200*100*60 mm	1.500*100*60 mm
MATERIAL	PC+Aluminum	PC+Aluminum	PC+Aluminum

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

BRACKET TUBE

BRACKET TUBE WITH REFLECTOR: THE BEST CHOICE OF COMMERCIAL LIGHTING

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BRACKET TUBE ist eine komplette LED-Leuchtkörper, die zur Beleuchtung von gewerblichen und industriellen Bereichen konzipiert wurde. Das besondere Design und die einfache Installation es zu einem Produkt der besten Wahl machen.



TECHNICAL DATA

ARTICLE NUMBER	100180BT/100181BT/ 100182BT	100183BT/100184BT/ 100185BT	100186BT/100187BT/ 100188BT
NAME OF PRODUCT	BRACKET TUBE WITH REFLECTOR		
INNER CARTON	1	1	1
MASTER CARTON	6	6	4
WEIGHT SINGLE PIECE	1,5 Kg	1,5 Kg	1,85 Kg

GENERAL CARACHTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 42	IP 42	IP 42

LIGHTING DATA

COLOR TEMPERATURE	3.000/4.000/5.700K ±300K	3.000/4.000/5.700K ±300K	3.000/4.000/5.700K ±300K
CRI	>85	>85	>85
LUMINOUS FLUX	4.400/4.600/4.800 Lm	6.600/6.900/7.200 Lm	6.600/6.900/7.200 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 30.000 hrs	70% AFTER 30.000 hrs	70% AFTER 30.000 hrs
RATED BEAM ANGLE	> 100°	> 100°	> 100°
LED (pcs)	216	336	336

ELECTRICAL DATA

SYSTEM POWER	40W	60W	60W
POWER FACTOR	> 0,95	> 0,95	> 0,95
POWER EFFICIENCY	> 90%	> 90%	> 90%
THD	7,8%	7,8%	7,8%
START TIME (SECOND)	<0,5 S	<0,5 S	<0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	<2,0S	<2,0S	<2,0S
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	DC 42 V	DC 42 V	DC 42 V
OUTPUT CURRENT	0,85 A	1,25 A	1,25 A
DIMMABLE		OPTIONAL WITH EXTERNAL DRIVE	
ENERGY SAVING	A+	A+	A+
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	< 60%	< 60%	< 60%

DIMENSION

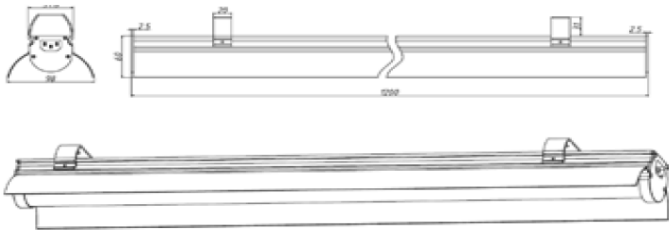
DIMENSION OF THE PRODUCT	1.200*100*60 mm	1.200*100*60 mm	1.500*100*60 mm
MATERIAL	PC+Aluminum	PC+Aluminum	PC+Aluminum

APPROVAL & APPLICATIONS CHARS

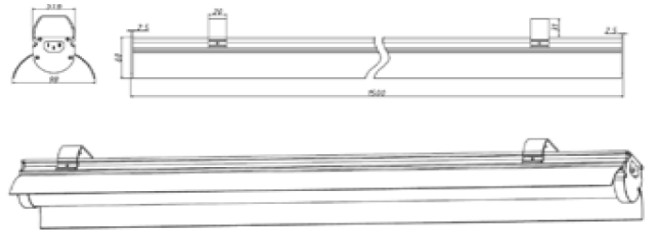
VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

BRACKET TUBE

DETAILS



COD. 100180BT/100181BT/100182BT/100183BT/100184BT/100185BT



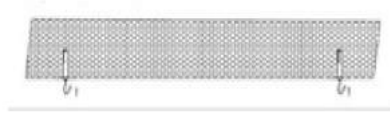
COD. 100186BT/100187BT/100188BT

SUSPENDED INSTALLATION



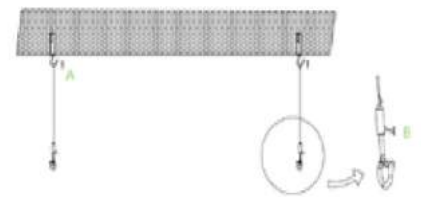
1

ADJUST THE INTERVAL SPACE ACCORDING TO ACTUAL SITUATION



2

FIX THE EXPANSION SCREWS IN THE WALL



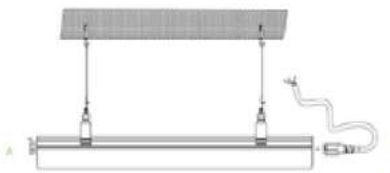
3

A: HANG THE LIFTING ROPES ON THE CLIPERS OF THE EXPANSIONS SCREWS.
B: PRESS ON THE UPPER BUTTONS TO ADJUST THE HEIGHT OF THE LIFTING ROPES



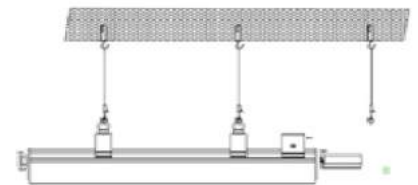
4

INSTALL THE SUPPORT INTO THE LIGHT HOUSING



5

A: PLUG THE THREE-PIN PLUGS INTO ENDS CAPS.



6

HERE IS THE INSTALLATION DIAGRAM THAT LIGHTS ARE USED LINKING TOGETHER.
A: PLUG THE THREE-PIN CONNECTOR



7

THE MAXIMUM POWER SHOULD NOT BE OVER 2200W. PLUG THE THREE-PIN PLUGS INTO ENDS CAPS

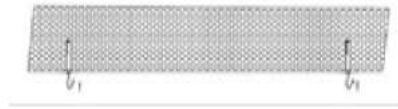
BRACKET TUBE

DIRECT CEILING INSTALLATION



1

ADJUST THE INTERVAL SPACE ACCORDING TO ACTUAL SITUATION



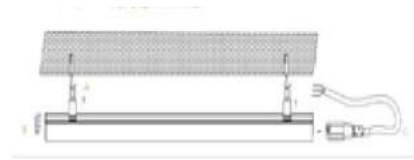
2

FIX THE EXPANSION SCREWS IN THE WALL



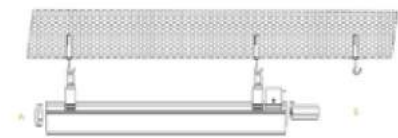
3

INSTALL THE SUPPORT INTO THE LIGHT HOUSING



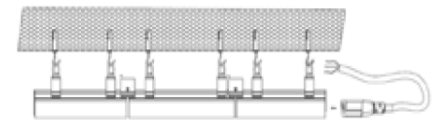
4

A: HANG THE LIGHT ON THE CLIVERS OF THE EXPANSION SCREWS



5

A: PLUG THE THREE-PIN CONNECTOR



6

THE MAXIMUM POWER SHOULD NOT BE OVER 2200W.
PLUG THE THREE-PIN PLUGS INTO END CAPS

WHY CHOOSE BRACKET-TUBE?

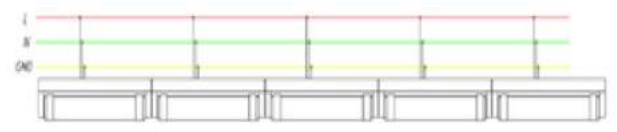
1. EASY REWIRING, NO TROUBLESOME CONDITION LIKE LED T8 TUBES INSTALLATION;

BRACKET TUBE



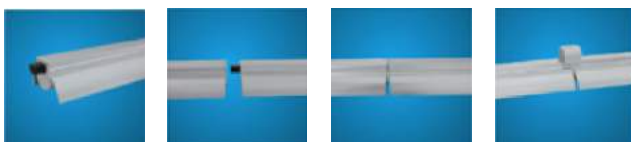
ONLY CONNECT THE FIRST TUBE WITH THE WIRES, THEN OTHER TUBES DIRECTLY CONNECT WITH THE PREVIOUS ONE WITHOUT REWIRING

NORMAL LED T8 TUBE



IT IS EXTREMELY INCONVENIENT AND TIME-COSTING FOR EACH LED T8 TUBE TO BE CONNECTED TO L, N AND EARTH WIRE

2. EASY CONNECTION BETWEEN TUBES.



1

2

3

4



BRACKET TUBE LED T8 TUBE

3. BETTER HEAT DISSIPATION, LONGER LIFE TIME THAN LED T8 TUBE, THE WEIGHT OF THE RADIATOR ALUMINUM MATERIAL IS 1450G FOR BRACKET-TUBE, BUT IT IS ONLY 280G FOR LED TUBE.

PATENT DESIGN, UNIQUE PRODUCT, LESS MARKET COMPETITION.



POWER CORD 1,2M

ART. N. 100180PC



SURFACE MOUNTING KIT

ART. N. 100180MBS



EXTENDED KIT

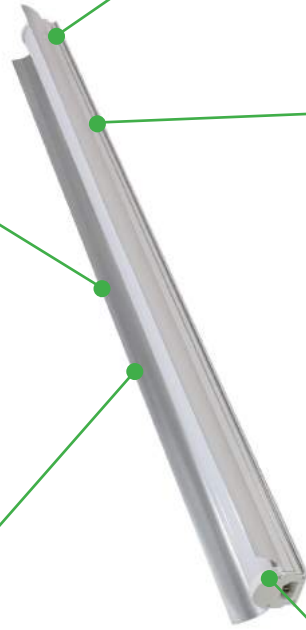
ART. N. 100191



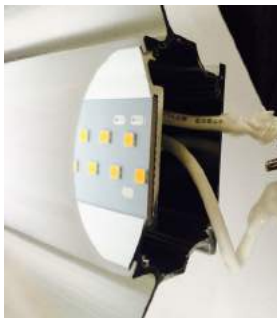
DIRECT CONNECTION
 between two
 bracket-tubes
 without wiring



TOP QUALITY POWER SUPPLY
 Power efficiency >92%
 Starting time <0,5s
 PF > 0,95



1450g of aluminum material
 for a better heat dissipation



EXCELLENT OPTICAL DESIGN
 Top quality epistar 2835 LED
 light source luminous efficiency
 of up to 150 Lm/W



Only connected the first
 bracket-tube with the wire, then
 others with the previous one
 without rewiring

SLIM LINEAR LIGHT



RL SLIM LINEAR LIGHT: A THIN DESIGN WITH AN AMAZING LIGHT



SLIM LINEAR LIGHT 60CM

SLIM LINEAR LIGHT: A UNIQUE DESIGN IN FEW CENTIMETERS

The new Slim Linear Light fixture with integrated LED differs from others because of its very small size without renouncing the incredible light of the latest SMD Philips.

SLIM LINEAR LIGHT: UN DESIGN ESCLUSIVO IN POCHISSIMI CENTIMETRI

L'innovativa plafoniera Slim Linear Light con LED integrati si differenzia per la sua dimensione molto piccola senza però rinunciare all'incredibile luce dell'ultima generazione di LED SMD Philips.

SLIM LINEAR LIGHT: EIN EXKLUSIVES DESIGN IN WENIGEN CENTIMETERN

Die innovative Deckenlampe mit integrierter LED SLIM LINEAR LIGHT unterscheidet sich durch die reduzierten Dimensionen ohne auf ein unglaubliches Licht zu verzichten, hervorgerufen aus der aktuellen Generation des LED SMD Philips.



ACCESORIES



ENDCUP
ART. 190016-1



EXTENDED KIT
1M (2 PIECES)
ART. N.190014-1



MOUNTING
CLIPS (2 PIECES)
ART. N.190015MC



POWER CABLE
2M
ART. N.190012-2

TECHNICAL DATA

ARTICLE NUMBER	190001W-12	190001N-12	190001C-12
NAME OF PRODUCT	SLIM LINEAR LIGHT 60CM		
INNER CARTON	1	1	1
MASTER CARTON	27	27	27
WEIGHT SINGLE PIECE	0,178Kg	0,178Kg	0,178Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 44	IP 44	IP 44

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>1.360 Lm	>1.440 Lm	>1.520 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	12W	12W	12W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93	> 93
DIMMABLE	NO	NO	NO
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

LENGTH	600 mm	600 mm	600 mm
DIAMETER (mm)	28*37 mm	28*37 mm	28*37 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SLIM LINEAR LIGHT 120CM

SLIM LINEAR LIGHT: A UNIQUE DESIGN IN FEW CENTIMETERS

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ACCESORIES



ENDCUP
ART. 190016-1



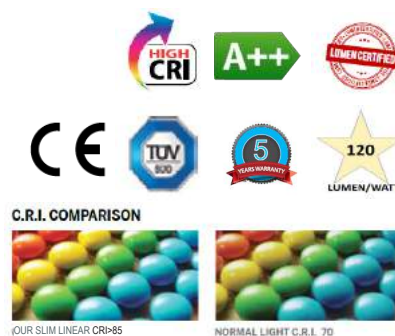
EXTENDED KIT
1M (2 PIECES)
ART. N.190014-1



MOUNTING
CLIPS (2 PIECES)
ART. N.190015MC



POWER CABLE
2M
ART. N.190012-2



C.R.I. COMPARISON



OUR SLIM LINEAR CRI=85



NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	190001W-24	190001N-24	190001C-24
NAME OF PRODUCT	SLIM LINEAR LIGHT 120CM		
INNER CARTON	1	1	1
MASTER CARTON	27	27	27
WEIGHT SINGLE PIECE	0,335Kg	0,335Kg	0,335Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 44	IP 44	IP 44

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>2.720 Lm	>2.880 Lm	>3.040 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	24W	24W	24W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93	> 93
DIMMABLE	NO	NO	NO
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

LENGTH	1.200 mm	1.200 mm	1.200 mm
DIAMETER (mm)	28*37 mm	28*37 mm	28*37 mm

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SLIM LINEAR LIGHT 150CM

SLIM LINEAR LIGHT: A UNIQUE DESIGN IN FEW CENTIMETERS

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SLIM LINEAR LIGHT: EIN EXKLUSIVES DESIGN IN WENIGEN CENTIMETERN

Die innovative Deckenlampe mit integrierter LED SLIM LINEAR LIGHT unterscheidet sich durch die reduzierten Dimensionen ohne auf ein unglaubliches Licht zu verzichten, hervorgerufen aus der aktuellen Generation des LED SMD Philips.



ACCESORIES



ENDCUP
ART. 190016-1

EXTENDED KIT
1M (2 PIECES)
ART. N.190014-1

MOUNTING
CLIPS (2 PIECES)
ART. N.190015MC

POWER CABLE
2M
ART. N.190012-2

TECHNICAL DATA

ARTICLE NUMBER	190001W-30	190001N-30	190001C-30
NAME OF PRODUCT	SLIM LINEAR LIGHT 150CM		
INNER CARTON	1	1	1
MASTER CARTON	27	27	27
WEIGHT SINGLE PIECE	0,408Kg	0,408Kg	0,408Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 44	IP 44	IP 44

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>3.495 Lm	>3.605 Lm	>3.720 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	30W	30W	30W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 93	> 93	> 93
DIMMABLE	NO	NO	NO
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

LENGHT	1.500 mm	1.500 mm	1.500 mm
DIAMETER (mm)	28*37 mm	28*37 mm	28*37 mm

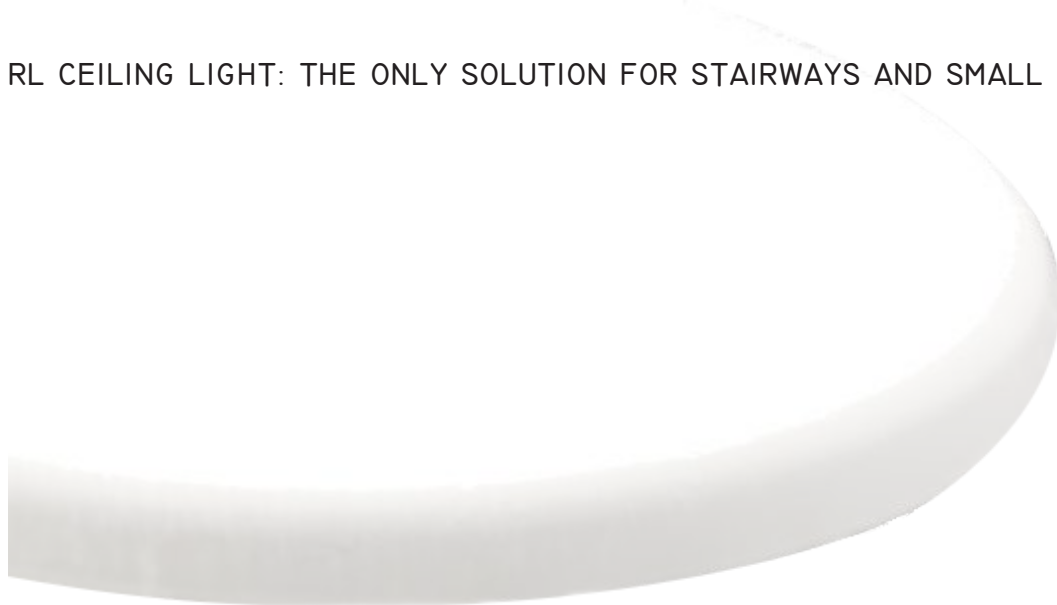
APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

CEILING LIGHT



RL CEILING LIGHT: THE ONLY SOLUTION FOR STAIRWAYS AND SMALL ROOMS



CEILING LIGHT 12W

CEILING LIGHT: THE ONLY SOLUTION FOR TRANSIT AREAS AND SMALL AREAS

Ceiling Lights are suitable to illuminate transit areas or small areas. Very cheap and reliable, they are absolutely the best choice given also the extreme easy of installation.

CEILING LIGHT: L'UNICA SOLUZIONE PER AREE DI PASSAGGIO O DI PICCOLA METRATURA

Le Ceiling Light sono il prodotto più indicato per illuminare aree di passaggio o di piccola metratura. Molto economiche e affidabili sono in assoluto la miglior scelta vista anche l'estrema facilità di installazione.

CEILING LIGHT: DIE EINZIGE LÖSUNG FÜR DURCHFahrtsZONE ODER KLEINE LOKALE

Die Ceiling Light sind geeignet um Durchfahrtszone oder kleine Lokale zu beleuchten. Sehr günstig und zuverlässig sind sie absolut die beste Auswahl angesichts der extrem leichten Installation.



TECHNICAL DATA

ARTICLE NUMBER	140091W	140091N	140091C
NAME OF PRODUCT		CEILING LIGHT 12W	
INNER CARTON	1	1	1
MASTER CARTON	20	20	20
WEIGHT SINGLE PIECE	0,178Kg	0,178Kg	0,178Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	BUILDINGS	BUILDINGS	BUILDINGS
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 54	IP 54	IP 54

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>1.160 Lm	>1.240 Lm	>1.320 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	12W	12W	12W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	YES TRIAC	YES TRIAC	YES TRIAC
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

DIAMETER (mm)	Ø250x48 mm	Ø250x48 mm	Ø250x48 mm
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

CEILING LIGHT 18W

CEILING LIGHT: THE ONLY SOLUTION FOR TRANSIT AREAS AND SMALL AREAS

Ceiling Lights are suitable to illuminate transit areas or small areas. Very cheap and reliable, they are absolutely the best choice given also the extreme easy of installation.

CEILING LIGHT: L'UNICA SOLUZIONE PER AREE DI PASSAGGIO O DI PICCOLA METRATURA

Le Ceiling Light sono il prodotto più indicato per illuminare aree di passaggio o di piccola metratura. Molto economiche e affidabili sono in assoluto la miglior scelta vista anche l'estrema facilità di installazione.

CEILING LIGHT: DIE EINZIGE LÖSUNG FÜR DURCHFahrtsZONE ODER KLEINE LOKALE

Die Ceiling Light sind geeignet um Durchfahrtszone oder kleine Lokale zu beleuchten. Sehr günstig und zuverlässig sind sie absolut die beste Auswahl angesichts der extrem leichten Installation.



TECHNICAL DATA

ARTICLE NUMBER	140092W	140092N	140092C
NAME OF PRODUCT	CEILING LIGHT 18W		
INNER CARTON	1	1	1
MASTER CARTON	10	10	10
WEIGHT SINGLE PIECE	0,335Kg	0,335Kg	0,335Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	BUILDINGS	BUILDINGS	BUILDINGS
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 54	IP 54	IP 54

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>1.740 Lm	>1.860 Lm	>1.980 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	18W	18W	18W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	YES TRIAC	YES TRIAC	YES TRIAC
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

DIAMETER (mm)	Ø300x40 mm	Ø300x40 mm	Ø300x40 mm
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

CEILING LIGHT 25W

CEILING LIGHT: THE ONLY SOLUTION FOR TRANSIT AREAS AND SMALL AREAS

Ceiling Lights are suitable to illuminate transit areas or small areas. Very cheap and reliable, they are absolutely the best choice given also the extreme easy of installation.

CEILING LIGHT: L'UNICA SOLUZIONE PER AREE DI PASSAGGIO O DI PICCOLA METRATURA

Le Ceiling Light sono il prodotto più indicato per illuminare aree di passaggio o di piccola metratura. Molto economiche e affidabili sono in assoluto la miglior scelta vista anche l'estrema facilità di installazione.

CEILING LIGHT: DIE EINZIGE LÖSUNG FÜR DURCHFahrtsZONE ODER KLEINE LOKALE

Die Ceiling Light sind geeignet um Durchfahrtszone oder kleine Lokale zu beleuchten. Sehr günstig und zuverlässig sind sie absolut die beste Auswahl angesichts der extrem leichten Installation.



TECHNICAL DATA

ARTICLE NUMBER	140093W	140093N	140093C
NAME OF PRODUCT	CEILING LIGHT 25W		
INNER CARTON	1	1	1
MASTER CARTON	10	10	10
WEIGHT SINGLE PIECE	0,408Kg	0,408Kg	0,408Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	BUILDINGS	BUILDINGS	BUILDINGS
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 54	IP 54	IP 54

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>2.416 Lm	>2.583 Lm	>2.750 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	25W	25W	25W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	YES TRIAC	YES TRIAC	YES TRIAC
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

DIAMETER (mm)	Ø300X40 mm	Ø300X40 mm	Ø300X40 mm
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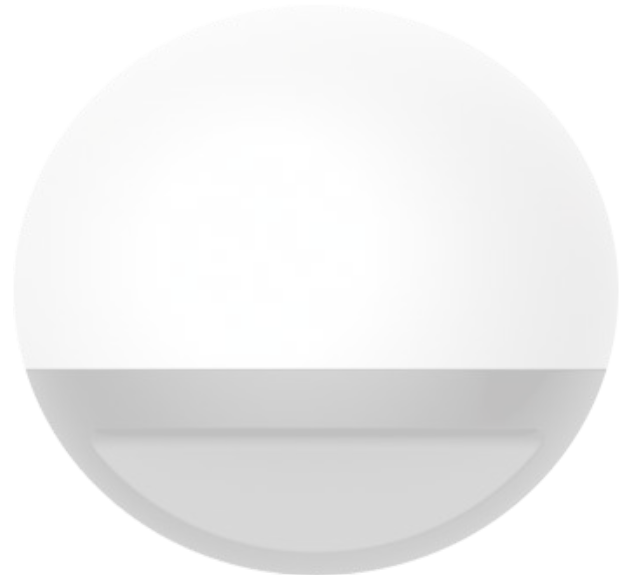
APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

WALL LIGHT



RL WALL LIGHT MAKES DIFFERENT YOUR BUILDING!



ROUND

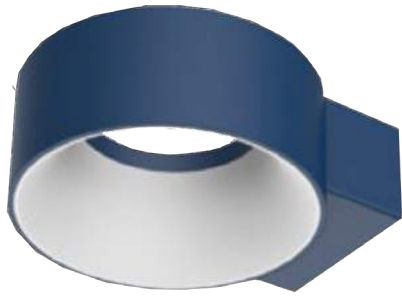


SQUARE



SEMICIRCLE





WALL LIGHT ROUND

WALL LIGHT: CHANGE THE EXTERIOR OF THE BUILDING

RL WALL LIGHT lamps are suitable for outdoor installations of buildings, back stairs and everywhere is needed an high IP rating without forgoing design and quality of light.

WALL LIGHT: CAMBIA L'ESTERNO DELL'EDIFICIO

Le lampade WALL LIGHT della RL sono indicate per le installazioni esterne negli edifici, nelle scale di servizio e ovunque venga richiesto un grado di protezione IP elevato senza dover rinunciare all'estetica e alla qualità della luce.

WALL LIGHT: ÄNDERT DIE AUSSENSEITE DES GEBÄUDES

Die WALL LIGHT Lampen von RL sind geeignet für Ausseninstallationen der Gebäude, für Hintertreppen und überall wo ein hoher Schutz des IP Leistung verlangt wird ohne auf Qualitätsverluste und Ästhetik des Lichtes zu verzichten.



TECHNICAL DATA

ARTICLE NUMBER	140800RW	140800RN	140800RC
NAME OF PRODUCT	WALL LIGHT ROUND		
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	0,560Kg	0,560Kg	0,560Kg

GENERAL CARACHTERISTICS

MAIN APPLICATION	BUILDINGS	BUILDINGS	BUILDINGS
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 65	IP 65	IP 65

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>940 Lm	>1.000 Lm	>1.060 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	8W	8W	8W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 220-240V	AC 220-240V	AC 220-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	NO	NO	NO
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

DIMENSION OF THE PRODUCT	170x140x50 mm	170x140x50 mm	170x140x50 mm
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

WALL LIGHT SQUARE

WALL LIGHT: CHANGE THE EXTERIOR OF THE BUILDING

RL WALL LIGHT lamps are suitable for outdoor installations of buildings, back stairs and everywhere is needed an high IP rating without forgoing design and quality of light.

WALL LIGHT: CAMBIA L'ESTERNO DELL'EDIFICIO

Le lampade WALL LIGHT della RL sono indicate per le installazioni esterne negli edifici, nelle scale di servizio e ovunque venga richiesto un grado di protezione IP elevato senza dover rinunciare all'estetica e alla qualità della luce.

WALL LIGHT: ÄNDERT DIE AUSSENSEITE DES GEBÄUDES

Die WALL LIGHT Lampen von RL sind geeignet für Ausseninstallationen der Gebäude, für Hintertreppen und überall wo ein hoher Schutz des IP Leistung verlangt wird ohne auf Qualitätsverluste und Ästhetik des Lichtes zu verzichten.



TECHNICAL DATA

ARTICLE NUMBER	140800SW	140800SN	140800SC
NAME OF PRODUCT	WALL LIGHT SQUARE		
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	0,360Kg	0,360Kg	0,360Kg

GENERAL CARACHTERISTICS

MAIN APPLICATION	BUILDINGS	BUILDINGS	BUILDINGS
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 65	IP 65	IP 65

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>940 Lm	>1.000 Lm	>1.060 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	8W	8W	8W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 220-240V	AC 220-240V	AC 220-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	NO	NO	NO
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

DIMENSION OF THE PRODUCT	139x115x50 mm	139x115x50 mm	139x115x50 mm
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES



WALL LIGHT SEMICIRCLE

WALL LIGHT: CHANGE THE EXTERIOR OF THE BUILDING

RL WALL LIGHT lamps are suitable for outdoor installations of buildings, back stairs and everywhere is needed an high IP rating without forgoing design and quality of light.

WALL LIGHT: CAMBIA L'ESTERNO DELL'EDIFICIO

Le lampade WALL LIGHT della RL sono indicate per le installazioni esterne negli edifici, nelle scale di servizio e ovunque venga richiesto un grado di protezione IP elevato senza dover rinunciare all'estetica e alla qualità della luce.

WALL LIGHT: ÄNDERT DIE AUSSENSEITE DES GEBÄUDES

Die WALL LIGHT Lampen von RL sind geeignet für Ausseninstallationen der Gebäude, für Hintertreppen und überall wo ein hoher Schutz des IP Leistung verlangt wird ohne auf Qualitätsverluste und Ästhetik des Lichtes zu verzichten.



TECHNICAL DATA

ARTICLE NUMBER	140800SCW	140800SCN	140800SCC
NAME OF PRODUCT		WALL LIGHT SEMICIRCLE	
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	0,360Kg	0,360Kg	0,360Kg

GENERAL CARACHTERISTICS

MAIN APPLICATION	BUILDINGS	BUILDINGS	BUILDINGS
NOMINAL LIFETIME	> 50.000 hours	> 50.000 hours	> 50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE	IP 54	IP 54	IP 54

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.000K ± 300	6.000K ±300
CRI	>85	>85	>85
LUMINOUS FLUX	>1.200 Lm	>1.280 Lm	>1.360 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	> 120°	> 120°	> 120°

ELECTRICAL DATA

SYSTEM POWER	12W	12W	12W
START TIME (SECOND)	< 0,5 S	< 0,5 S	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 220-240V	AC 220-240V	AC 220-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 90	> 90	> 90
DIMMABLE	NO	NO	NO
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/45°C	-20°/45°C	-20°/45°C
HUMIDITY	< 85%	< 85%	< 85%

DIMENSION

DIMENSION OF THE PRODUCT	159x65,5 mm	159x65,5 mm	159x65,5 mm
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

STRIP



RL LED STRIP: ENERGY SAVINGS IN THE DECORATION

STRIP

RL LED STRIP: ENERGY SAVING IN DECORATION

RL LED-Strips offer many installation options, they are suitable for decoration, for peripheral illumination as for example furniture and counters, or behind paintings and mirrors. The included clips make this product very easy to install.

STRISCE A LED RL: IL RISPARMIO ENERGETICO NELLA DECORAZIONE

Le strisce a LED RL offrono numerose possibilità di installazione, sono infatti adatte per la decorazione, per l'illuminazione periferica come ad esempio mobili o banconi, o dietro a quadri e specchi. Le clip incluse rendono questo prodotto molto facile da installare.

LED-STREIFEN RL: STROMSPAREN IM DEKORATIONSBEREICH

Die LED-Lichtstreifen RL bieten zahlreiche Montagemöglichkeiten an. Sie sind für die Dekoration, für die periphere Beleuchtung, wie zum Beispiel bei Möbel und Theken, oder hinter Bildern und Spiegeln geeignet.

Mit den beigegefügt Clips können sie leicht montiert werden.



TECHNICAL DATA

ARTICLE NUMBER	110050WW	110050W	110050N	110050C
NAME OF PRODUCT			LED STRIP IP20	
INNER CARTON	5 m/roll	5 m/roll	5 m/roll	5 m/roll
MASTER CARTON	60 rolls	60 rolls	60 rolls	60 rolls
WEIGHT SINGLE PIECE	0,3 Kg	0,3 Kg	0,3 Kg	0,3 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Advertising box, sidewalk and architectural lighting illumination > 40.000 hours	Advertising box, sidewalk and architectural lighting illumination > 40.000 hours	Advertising box, sidewalk and architectural lighting illumination > 40.000 hours	Advertising box, sidewalk and architectural lighting illumination > 40.000 hours
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	5050 EPISTAR LED	5050 EPISTAR LED	5050 EPISTAR LED	5050 EPISTAR LED
IP RATE	IP 20	IP 20	IP 20	IP 20

LIGHTING DATA

COLOR TEMPERATURE	2.500K ±300	3.000K ±300	4.500K ±300	6.000K ±300
CRI	>80	>80	>80	>80
LUMINOUS FLUX	>800 Lm/m	>850 Lm/m	>900 Lm/m	>950 Lm/m
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	>120°	>120°	>120°	>120°

ELECTRICAL DATA

SYSTEM POWER	14 W/M	14 W/M	14 W/M	14 W/M
START TIME (SECOND)	< 1S	< 1S	< 1S	< 1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	DC 12V	DC 12V	DC 12V	DC 12V
OUTPUT CURRENT	1,08A	1,08A	1,08A	1,08A
POWER FACTOR	> 0,90	> 0,90	> 0,90	> 0,90
DIMMABLE	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES	YES	YES
WORKING TEMPERATURE	-20/40° C	-20/40° C	-20/40° C	-20/40° C
HUMIDITY	>40%	>40%	>40%	>40%

DIMENSION

DIMENSION OF THE PRODUCT	10x5.000 mm	10x5.000 mm	10x5.000 mm	10x5.000 mm
CUTOUT	NONE	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-	-
CE MARKING	YES	YES	YES	YES
UL MARKING	-	-	-	-
ROHS COMPLIANCE	YES	YES	YES	YES

STRIP IP65

RL LED STRIP: ENERGY SAVINGS IN THE DECORATION

RL LED-Strips offer many installation options, they are suitable for decoration, for peripheral illumination as for example furniture and counters, or behind paintings and mirrors.

The included clips make this product very easy to install. The strips can be waterproof (IP65) for outdoor use in the refrigeration.

STRISCE A LED RL: IL RISPARMIO ENERGETICO NELLA DECORAZIONE

Le strisce a LED RL offrono numerose possibilità di installazione, sono infatti adatte per la decorazione, per l'illuminazione periferica come ad esempio mobili o banconi, o dietro a quadri e specchi. Le clip incluse rendono questo prodotto molto facile da installare. Le strisce possono anche essere impermeabili (IP65) e quindi utilizzate per uso esterno o dentro i frigoriferi.

LED-STREIFEN RL: STROMSPAREN IM DEKORATIONSBEREICH

Die LED-Lichtstreifen RL bieten zahlreiche Montagemöglichkeiten an. Sie sind für die Dekoration, für die periphere Beleuchtung, wie zum Beispiel bei Möbel und Theken, oder hinter Bildern und Spiegeln geeignet. Mit den beigegefügt Clips können sie leicht montiert werden. Die Streifen sind auch wasserdicht (IP65) lieferbar und sind daher im Freien und im Kühlschrank verwendbar.



TECHNICAL DATA

ARTICLE NUMBER	110051WW	110051W	110051N	110051C
NAME OF PRODUCT	LED STRIP IP65			
INNER CARTON	5 m/roll	5 m/roll	5 m/roll	5 m/roll
MASTER CARTON	60 rolls	60 rolls	60 rolls	60 rolls
WEIGHT SINGLE PIECE	0,36 Kg	0,36 Kg	0,36 Kg	0,36 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Advertising box, sidewalk and architectural lighting illumination > 40.000 hours	Advertising box, sidewalk and architectural lighting illumination > 40.000 hours	Advertising box, sidewalk and architectural lighting illumination > 40.000 hours	Advertising box, sidewalk and architectural lighting illumination > 40.000 hours
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	5050 EPISTAR LED	5050 EPISTAR LED	5050 EPISTAR LED	5050 EPISTAR LED
IP RATE	IP 65	IP 65	IP 65	IP 65

LIGHTING DATA

COLOR TEMPERATURE	2.500K ±300	3.000K ±300	4.500K ±300	6.000K ±300
CRI	>80	>80	>80	>80
LUMINOUS FLUX	>800 Lm/m	>850 Lm/m	>900 Lm/m	>950 Lm/m
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	>120°	>120°	>120°	>120°

ELECTRICAL DATA

SYSTEM POWER	14 W/M	14W/M	14 W/M	14 W/M
START TIME (SECOND)	< 1S	< 1S	< 1S	< 1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	DC 12V	DC 12V	DC 12V	DC 12V
OUTPUT CURRENT	1,08A	1,08A	1,08A	1,08A
POWER FACTOR	> 0,90	> 0,90	> 0,90	> 0,90
DIMMABLE	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES	YES	YES
WORKING TEMPERATURE	-20/40° C	-20/40° C	-20/40° C	-20/40° C
HUMIDITY	>95%	>95%	>95%	>95%

DIMENSION

DIMENSION OF THE PRODUCT	10x5.000 mm	10x5.000 mm	10x5.000 mm	10x5.000 mm
CUTOUT	NONE	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-	-
CE MARKING	YES	YES	YES	YES
UL MARKING	-	-	-	-
ROHS COMPLIANCE	YES	YES	YES	YES

ULTRA STRIP LED IP65

RL LED STRIP: ENERGY SAVINGS IN THE DECORATION

RL LED-Strips offer many installation options, they are suitable for decoration, for peripheral illumination as for example furniture and counters, or behind paintings and mirrors. The included clips make this product very easy to install.



STRISCE A LED RL: IL RISPARMIO ENERGETICO NELLA DECORAZIONE

Le strisce a LED RL offrono numerose possibilità di installazione, sono infatti adatte per la decorazione, per l'illuminazione periferica come ad esempio mobili o banconi, o dietro a quadri e specchi. Le clip incluse rendono questo prodotto molto facile da installare.

LED-STREIFEN RL: STROMSPAREN IM DEKORATIONSBEREICH

Die LED-Lichtstreifen RL bieten zahlreiche Montagemöglichkeiten an. Sie sind für die Dekoration, für die periphere Beleuchtung, wie zum Beispiel bei Möbel und Theken, oder hinter Bildern und Spiegeln geeignet. Mit den beigegefügt Clips können sie leicht montiert werden.



TECHNICAL DATA

ARTICLE NUMBER	110051W20	110051N20	110051C20
NAME OF PRODUCT	ULTRA STRIP LED IP65	ULTRA STRIP LED IP65	ULTRA STRIP LED IP65
INNER CARTON	5 m/roll	5 m/roll	5 m/roll
MASTER CARTON	70 rolls	70 rolls	70 rolls
WEIGHT SINGLE PIECE	0,2 Kg	0,2 Kg	0,2 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Advertising box, sidewalk and architectural lighting illumination	Advertising box, sidewalk and architectural lighting illumination	Advertising box, sidewalk and architectural lighting illumination
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	2835 SMD LED	2835 SMD LED	2835 SMD LED
IP RATE	IP 65	IP 65	IP 65

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	6.000K
CRI	>85	>85	>85
LUMINOUS FLUX	24 LUMEN FOR LED	24 LUMEN FOR LED	24 LUMEN FOR LED
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	>120°	>120°	>120°

ELECTRICAL DATA

SYSTEM POWER	19,9 W/M	19,9 W/M	19,9 W/M
START TIME (SECOND)	< 1S	< 1S	< 1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	DC 24V	DC 24V	DC 24V
OUTPUT CURRENT	1,08A	1,08A	1,08A
POWER FACTOR	> 0,90	> 0,90	> 0,90
DIMMABLE	AVAILABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20/40° C	-20/40° C	-20/40° C
HUMIDITY	>95%	>95%	>95%

DIMENSION

DIMENSION OF THE PRODUCT	10x5.000 mm	10x5.000 mm	10x5.000 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

STRIP IP65 RGB

RL LED STRIP: ENERGY SAVINGS IN THE DECORATION

RL LED-Strips offer many installation options, they are suitable for decoration, for peripheral illumination as for example furniture and counters, or behind paintings and mirrors.

The included clips make this product very easy to install. The strips can be waterproof (IP65) for outdoor use in the refrigeration.

STRISCE A LED RL: IL RISPARMIO ENERGETICO NELLA DECORAZIONE

Le strisce a LED RL offrono numerose possibilità di installazione, sono infatti adatte per la decorazione, per l'illuminazione periferica come ad esempio mobili o banconi, o dietro a quadri e specchi. Le clip incluse rendono questo prodotto molto facile da installare. Le strisce possono anche essere impermeabili (IP65) e quindi utilizzate per uso esterno o dentro i frigoriferi.

LED-STREIFEN RL: STROMSPAREN IM DEKORATIONSBEREICH

Die LED-Lichtstreifen RL bieten zahlreiche Montagemöglichkeiten an. Sie sind für die Dekoration, für die periphere Beleuchtung, wie zum Beispiel bei Möbel und Theken, oder hinter Bildern und Spiegeln geeignet. Mit den beigegefügt Clips können sie leicht montiert werden. Die Streifen sind auch wasserdicht (IP65) lieferbar und sind daher im Freien und im Kühlschrank verwendbar.

ACCESSORIES



ART. N. 110080
DIMMABLE CONTROL RGB FOR STRIP LED <5 METERS



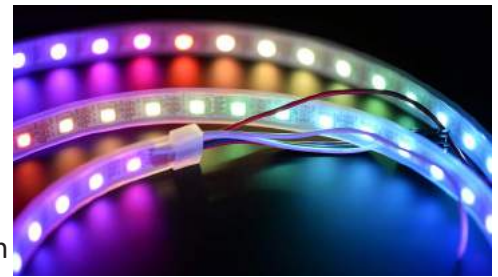
ART. N. 110081
DIMMABLE WITH REMOTE CONTROL FOR STRIP LED <5 METERS



ART. N. 110082
DIMMABLE CONTROL RGB FOR STRIP LED <5 METERS + IR CONTROL



ART. N. 110083
AMPLIFIER RGB FOR CONNECT 2 ROLES OF 5 METERS



TECHNICAL DATA

ARTICLE NUMBER	110052 RGB
NAME OF PRODUCT	LED STRIP IP65
INNER CARTON	5 m/roll
MASTER CARTON	60 rolls
WEIGHT SINGLE PIECE	0,36 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Advertising box, sidewalk and architectural lighting illumination
NOMINAL LIFETIME	> 40.000 hours
SOURCE (LED TYPE)	5050 EPISTAR LED
IP RATE	IP 65

LIGHTING DATA

COLOR TEMPERATURE	RGB
CRI	>80
LUMINOUS FLUX	>800 Lm/m
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs
RATED BEAM ANGLE	>120°

ELECTRICAL DATA

SYSTEM POWER	14 W/M
START TIME (SECOND)	< 1S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT
INPUT VOLTAGE	DC 12V
OUTPUT CURRENT	1,08A
POWER FACTOR	> 0,90
DIMMABLE	AVAILABLE
ENERGY SAVING	YES
WORKING TEMPERATURE	-20/40° C
HUMIDITY	>90%

DIMENSION

DIMENSION OF THE PRODUCT	10x5.000 mm
CUTOUT	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-
CE MARKING	YES
UL MARKING	-
ROHS COMPLIANCE	YES

STRIP POWER SUPPLY IP65



POWER SUPPLY 12V- IP65 1,67A - 20W - MEANWELL



ART.N. 110066MW

- CONTACT VOLTAGE DESIGN
- UNIVERSAL INPUT/FULL RANGE
- WITHSTAND 300VAC SURGE INPUT FOR 5 SECONDS
- PROTECTIONS: SHORT CIRCUIT/OVERLOAD/OVER VOLTAGE
- COOLING BY FREE AIR CONVECTION
- SMALL AND COMPACT SIZE
- FULLY ENCAPSULATED WITH IP67 LEVEL
- FULLY ISOLATED PLASTIC CASE
- CLASS II POWER UNIT, NO FG
- PASS LPS
- SUITABLE FOR LED LIGHTING AND MOVING SIGN APPLICATIONS
- 100% FULL LOAD BURN-IN-TEST
- LOW COST, HIGH RELIABILITY

POWER SUPPLY 12V- IP65 3A - 36W - MEANWELL



ART.N. 110067MW

- CONTACT VOLTAGE DESIGN
- UNIVERSAL INPUT/FULL RANGE
- WITHSTAND 300VAC SURGE INPUT FOR 5 SECONDS
- PROTECTIONS: SHORT CIRCUIT/OVERLOAD/OVER VOLTAGE
- COOLING BY FREE AIR CONVECTION
- FULLY ENCAPSULATED WITH IP67 LEVEL
- FULLY ISOLATED PLASTIC CASE
- CLASS II POWER UNIT, NO FG
- PASS LPS
- SUITABLE FOR LED LIGHTING AND MOVING SIGN APPLICATIONS
- 100% FULL LOAD BURN-IN-TEST
- LOW COST, HIGH RELIABILITY

POWER SUPPLY 12V- IP65 5A - 60W - MEANWELL



ART.N. 110068MW

- CONTACT VOLTAGE DESIGN
- UNIVERSAL INPUT/FULL RANGE
- WITHSTAND 300VAC INPUT FOR 5 SECONDS
- PROTECTIONS: SHORT CIRCUIT/OVERLOAD/OVER VOLTAGE
- COOLING BY FREE AIR CONVECTION
- FULLY ENCAPSULATED WITH IP67 LEVEL
- FULLY ISOLATED PLASTIC CASE
- CLASS II POWER UNIT, NO FG
- PASS LPS
- SUITABLE FOR LED LIGHTING AND MOVING SIGN APPLICATIONS
- 100% FULL LOAD BURN-IN-TEST
- LOW COST, HIGH RELIABILITY

POWER SUPPLY 12V- IP65 8,5A - 102W - MEANWELL



ART.N. 110069MW

- CONTACT VOLTAGE DESIGN
- UNIVERSAL INPUT/FULL RANGE
- WITHSTAND 300VAC SURGE INPUT FOR 5 SECONDS
- PROTECTIONS: SHORT CIRCUIT/OVERLOAD/OVER VOLTAGE
- COOLING BY FREE AIR CONVECTION
- FULLY ISOLATED PLASTIC CASE
- CLASS II POWER UNIT, NO FG
- PASS LPS
- SUITABLE FOR LED LIGHTING AND MOVING SIGN APPLICATIONS
- 100% FULL LOAD BURN-IN-TEST
- LOW COST, HIGH RELIABILITY

POWER SUPPLY 12V- IP65 11A - 132W - MEANWELL



ART.N. 110070MW

- CONTACT VOLTAGE DESIGN
- UNIVERSAL INPUT/FULL RANGE (UP TO 295VAC)
- BUILT-IN ACTIVE PFC FUNCTION
- HIGH EFFICIENCY UP TO 91%
- PROTECTIONS: SHORT CIRCUIT/OVERLOAD/OVER VOLTAGE/OVER TEMPERATURE
- COOLING BY FREE AIR CONVECTION
- OCP POINT ADJUSTABLE THROUGH OUTPUT CABLE OR INTERNAL POTENTIOMETER
- IP65/IP67 DESIGN FOR INDOOR OR OUTDOOR INSTALLATIONS
- SUITABLE FOR LED LIGHTING AND MOVING SIGN APPLICATIONS
- COMPLIANCE TO WORLDWIDE SAFETY REGULATIONS FOR LIGHTING

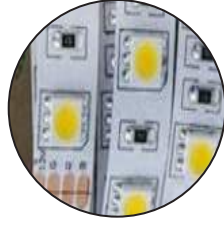
POWER SUPPLY 12V- IP65 16A - 192W - MEANWELL



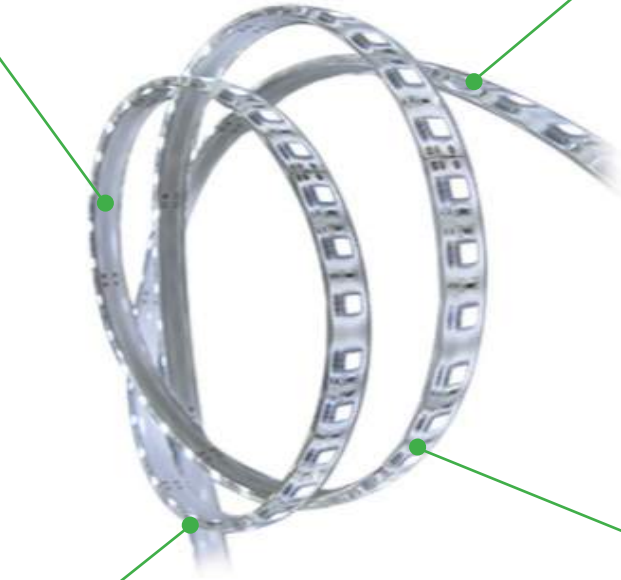
ART.N. 110071MW

- UNIVERSAL AC INPUT/FULL RANGE (UP TO 295VAC)
- BUILT-IN ACTIVE PFC FUNCTION
- PROTECTIONS: SHORT CIRCUIT/OVERLOAD/OVER VOLTAGE/OVER TEMPERATURE
- COOLING BY FREE AIR CONVECTION
- OCP POINT ADJUSTABLE THROUGH OUTPUT CABLE OR INTERNAL POTENTIOMETER
- IP65/IP67 DESIGN FOR INDOOR OR OUTDOOR INSTALLATIONS
- TYPE HL LED DRIVER FOR USE IN CLASS I, DIVISION 2 HAZARDOUS LOCATION LUMINARIES
- 3 IN 1 DIMMING FUNCTION (1-10VDC OR PWM SIGNAL OR RESISTANCE)
- SUITABLE FOR LED LIGHTING AND MOVING SIGN APPLICATIONS
- COMPLIANCE TO WORLDWIDE SAFETY REGULATIONS FOR LIGHTING
- SUITABLE FOR DRY/DAMP/WET LOCATIONS

EXCELLENT FLEXIBILITY PCB MATERIALS,
SUITABLE FOR VARIOUS INSTALLATION



HIGH RESISTANT 3M ADHESIVE
TAPE



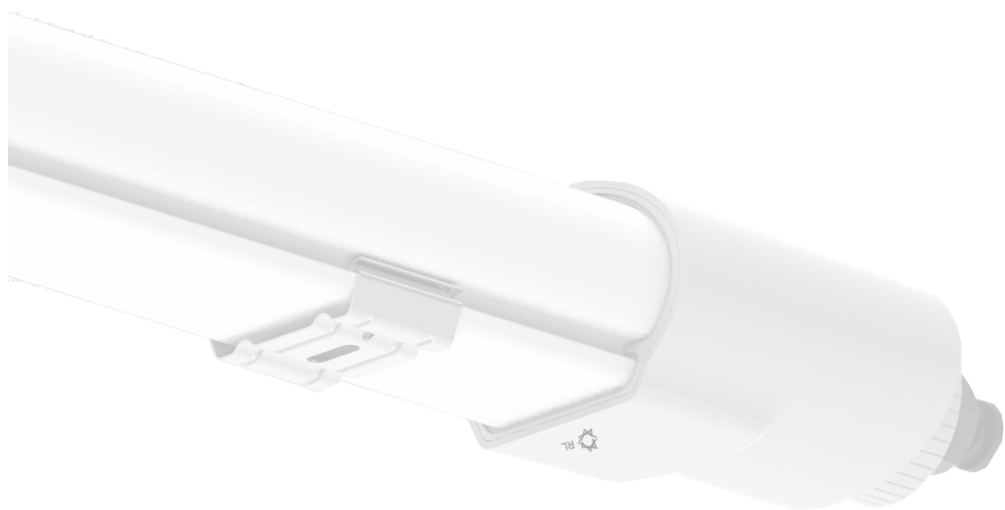
HIGH EFFICIENCY SMD LED



DIFFERENT COLORS AND MODELS
AVAILABLE UPON REQUEST

LED TRIPROOF IP66

TRIPROOF: THE NEW GENERATION OF LIGHTING



LED TRIPROOF IP66

LED TRIPROOF: THE NEW GENERATION OF LIGHTING

IP66 LED ceiling light with polycarbonate/aluminum body.
It is an ideal solution for quick replacement in outdoor spaces such as industrial areas and parking lots. Sizes are extremely compact.
IP66 protection rating up to IK10.



LED TRIPROOF: ILLUMINAZIONE DI NUOVA GENERAZIONE

Plafoniera IP66 a LED con corpo in policarbonato/alluminio.
È la soluzione ideale per la sostituzione rapida in ambienti esterni come le aree industriali e i parcheggi. Le dimensioni sono estremamente compatte. Grado di protezione IP66 fino a IK10.

LED TRIPROOF: DIE NEUE LICHTGENERATION

IP66 LED-Deckenleuchte mit Polycarbonat/Aluminium Körper.
Sind ideal für den schnellen Austausch an externen Standorte wie Industrieflächen und Parkplätze. Äusserst kompakte Größen.
Schutzart IP66 bis IK10.



TECHNICAL DATA

ARTICLE NUMBER	100147IP/100148IP/ 100149IP	100150IP/100151IP/ 100152IP	100153IP/100154IP/ 100155IP
NAME OF PRODUCT	TRIPROOF 70CM	TRIPROOF 130CM	TRIPROOF 130CM
INNER CARTON	1	1	1
MASTER CARTON	12	8	8
WEIGHT SINGLE PIECE	0,8 Kg	1 Kg	1 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	50.000 hours	50.000 hours	50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE/IK RATE	IP66/IK10	IP66/IK10	IP66/IK10

LIGHTING DATA

COLOR TEMPERATURE	3.000/4.000/5.000K ±300K	3.000/4.000/5.000K ±300K	3.000/4.000/5.000K ±300K
CRI	>85	>85	>85
LUMINOUS FLUX	2.150/2.300/2.400 Lm	2.750/2.900/3.000 Lm	3.350/3.500/3.600 Lm
LLMF (LUMEN MAINTENANCE)	≥0,8	≥0,8	≥0,8
RATED BEAM ANGLE	>140°	>140°	>140°
LEDs (pcs)	48	60	72

ELECTRICAL DATA

SYSTEM POWER	20W ±5%	25W ±5%	30W ±5%
POWER FACTOR	>0,95	>0,95	>0,95
POWER EFFICIENCY	>90%	>90%	>90%
THD	<15%	<15%	<15%
START TIME (SECOND)	<0,5S	<0,5S	<0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	<2S	<2S	<2S
INPUT VOLTAGE	AC 100-277V	AC 100-277V	AC 100-277V
FREQUENCY	50/60Hz	50/60Hz	50/60Hz
OUTPUT VOLTAGE	DC 65-75V	DC 65-75V	DC 65-75V
OUTPUT CURRENT	260mA	390mA	390mA
DIMMABLE	AVAILABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20/65°C	-20/65°C	-20/65°C
WORKING HUMIDITY	15-90RH	15-90RH	15-90RH
ELECTRICAL CLASSIFICATION	II	II	II

DIMENSION

DIMENSION OF THE PRODUCT	700x78x53,5 mm	1.300x78x53,5 mm	1.300x78x53,5 mm
MATERIAL	PC+ALLUMINIUM	PC+ALLUMINIUM	PC+ALLUMINIUM

APPROVAL & APPLICATION CHARS

VDE MARKING	NO	NO	NO
CE MARKING	YES	YES	YES
UL MARKING	NO	NO	NO
RoHS COMPLIANCE	YES	YES	YES

LED TRIPROOF IP66

LED TRIPROOF: THE NEW GENERATION OF LIGHTING

IP66 LED ceiling light with polycarbonate/aluminum body. It is an ideal solution for quick replacement in outdoor spaces such as industrial areas and parking lots. Sizes are extremely compact. IP66 protection rating up to IK10.

LED TRIPROOF: ILLUMINAZIONE DI NUOVA GENERAZIONE

Plafoniera IP66 a LED con corpo in polycarbonato/alluminio. È la soluzione ideale per la sostituzione rapida in ambienti esterni come le aree industriali e i parcheggi. Le dimensioni sono estremamente compatte. Grado di protezione IP66 fino a IK10.

LED TRIPROOF: DIE NEUE LICHTGENERATION

IP66 LED-Deckenleuchte mit Polycarbonat/Aluminium Körper. Sind ideal für den schnellen Austausch an externen Standorte wie Industrieflächen und Parkplätze. Äusserst kompakte Größen. Schutzart IP66 bis IK10.



LUMEN/WATT
C.R.I. COMPARISON



OUR TRIPROOF CRI>85

NORMAL LIGHT C.R.I. 70

TECHNICAL DATA

ARTICLE NUMBER	100156IP/100157IP/ 100158IP	100159IP/100160IP/ 100161IP	100162IP/100163IP/ 100164IP
NAME OF PRODUCT	TRIPROOF 130CM	TRIPROOF 160CM	TRIPROOF 160CM
INNER CARTON	1	1	1
MASTER CARTON	8	6	6
WEIGHT SINGLE PIECE	1 Kg	1,2 Kg	1,2 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Commercial lighting	Commercial lighting	Commercial lighting
NOMINAL LIFETIME	50.000 hours	50.000 hours	50.000 hours
SOURCE (LED TYPE)	SMD 2835	SMD 2835	SMD 2835
IP RATE/IK RATE	IP66/IK10	IP66/IK10	IP66/IK10

LIGHTING DATA

COLOR TEMPERATURE	3.000/4.000/5.000K ±300K	3.000/4.000/5.000K ±300K	3.000/4.000/5.000K ±300K
CRI	>85	>85	>85
LUMINOUS FLUX	4.550/4.700/4.800Lm	4.550/4.700/4.800 Lm	5.750/5.900/6.000 Lm
LLMF (LUMEN MAINTENANCE)	≥0,8	≥0,8	≥0,8
RATED BEAM ANGLE	>140°	>140°	>140°
LEDs (pcs)	96	96	120

ELECTRICAL DATA

SYSTEM POWER	40W ±5%	40W ±5%	50W ±5%
POWER FACTOR	>0,95	>0,95	>0,95
POWER EFFICIENCY	>90%	>90%	>90%
THD	<15%	<15%	<15%
START TIME (SECOND)	<0,5S	<0,5S	<0,5S
WARM-UP TIME TO 60% LIGHT OUTPUT	<2S	<2S	<2S
INPUT VOLTAGE	AC 100-277V	AC 100-277V	AC 100-277V
FREQUENCY	50/60Hz	50/60Hz	50/60Hz
OUTPUT VOLTAGE	DC 65-75V	DC 65-75V	DC 65-75V
OUTPUT CURRENT	520mA	520mA	640mA
DIMMABLE	AVAILABLE	AVAILABLE	AVAILABLE
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20/65°C	-20/65°C	-20/65°C
WORKING HUMIDITY	15-90RH	15-90RH	15-90RH
ELECTRICAL CLASSIFICATION	II	II	II

DIMENSION

DIMENSION OF THE PRODUCT	1300x78x53,5 mm	1600x78x53,5 mm	1600x78x53,5 mm
MATERIAL	PC+ALLUMINIUM	PC+ALLUMINIUM	PC+ALLUMINIUM

APPROVAL & APPLICATION CHARS

VDE MARKING	NO	NO	NO
CE MARKING	YES	YES	YES
UL MARKING	NO	NO	NO
RoHS COMPLIANCE	YES	YES	YES

LED TRIPROOF IP66-EMERGENCY

LED TRIPROOF: THE NEW GENERATION OF LIGHTING

IP66 LED ceiling light with polycarbonate/aluminum body.
It is an ideal solution for quick replacement in outdoor spaces such as industrial areas and parking lots. Sizes are extremely compact.
IP66 protection rating up to IK10.



LED TRIPROOF: ILLUMINAZIONE DI NUOVA GENERAZIONE

Plafoniera IP66 a LED con corpo in policarbonato/alluminio.
È la soluzione ideale per la sostituzione rapida in ambienti esterni come le aree industriali e i parcheggi. Le dimensioni sono estremamente compatte. Grado di protezione IP66 fino a IK10.

LED TRIPROOF: DIE NEUE LICHTGENERATION

IP66 LED-Deckenleuchte mit Polycarbonat/Aluminium Körper.
Sind ideal für den schnellen Austausch an externen Standorte wie Industrieflächen und Parkplätze. Äusserst kompakte Größen.
Schutzart IP66 bis IK10.



BATTERY
DURATION

TECHNICAL DATA

ARTICLE NUMBER	100151IPE
NAME OF PRODUCT	EMERGENCY TRIPROOF
VOLTAGE	AC230V
POWER	4W
COLOR TEMPERATURE	4.000K
RATED BEAM ANGLE	120°
LIFESPAN	40.000 h
CRI	≥80
DIMMABLE	NO
DIMENSION	318X76X67 mm

DRIVER DATA SHEET

INPUT RATED VOLTAGE	AC230V
FREQUENCY	50/60Hz
INPUT VOLTAGE	AC200-240V
EFFICIENCY	≥80
TOTAL LOAD WATTAGE	4W ± 0,5W
RATED INPUT CURRENT	≤0,03A
FULL LOAD OUTPUT VOLTAGE	DC25-68V
RATED OUTPUT CURRENT	150-40mA
OUTPUT CURRENT RANGE	150-40mA ±5%
POWER TOLERANCE	±5%
CURRENT OUTPUT TOLERANCE	±5%
SHORT CIRCUIT PROTECTION	PASS
OVER VOLTAGE PROTECTION	PASS
OVER TEMPERATURE PROTECTION	PASS
BATTERY	7,4V 2.000mAh
LIFETIME	40.000 h (battery changeable)
BATTERY DURATION	≥3hrs
CHARGE PERIOD	≤24hrs
EMERGENCY SWITCHING TIME	1 S
WITHSTAND VOLTAGE	AC3750V

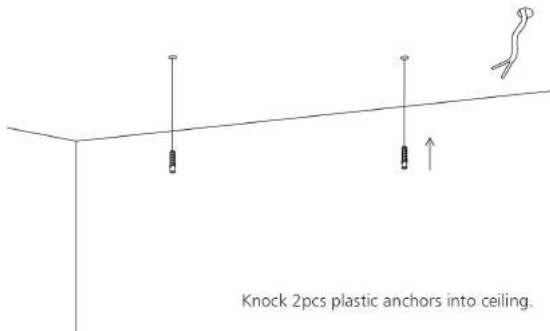
FIXTURE COMPATIBILITY

RATED WATTAGE	4W
ELECTRICAL CLASSIFICATION	II
INGRESS PROTECTION	IP66
OPERATING TEMPERATURE	-20°-45°C
OPERATING HUMIDITY	0-90%
STORAGE TEMPERATURE	-20°-65°C

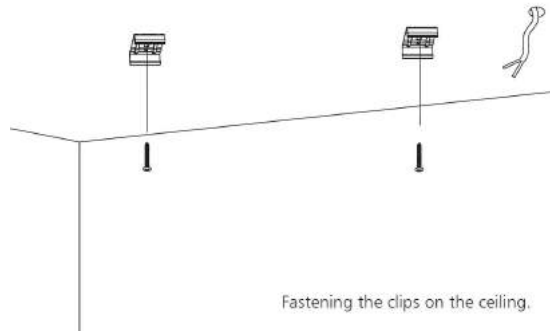
LED TRIPROOF IP66

INSTALLATION

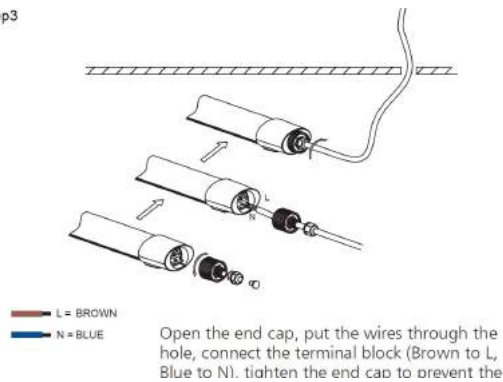
Step1



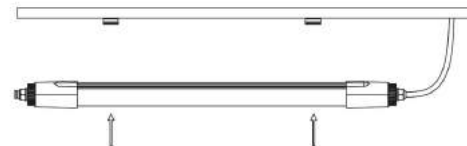
Step2



Step3



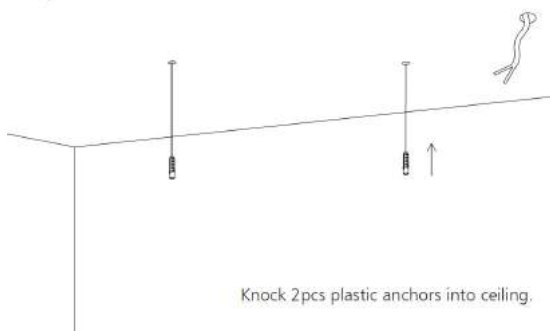
Step4



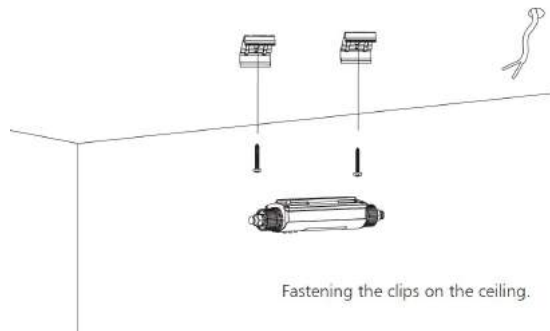
LED TRIPROOF IP66-EMERGENCY

INSTALLATION

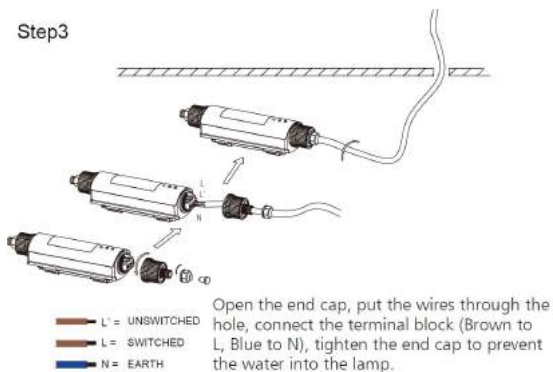
Step1



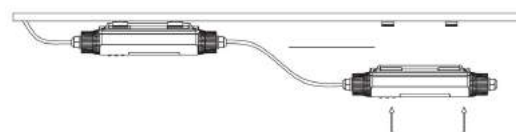
Step2



Step3



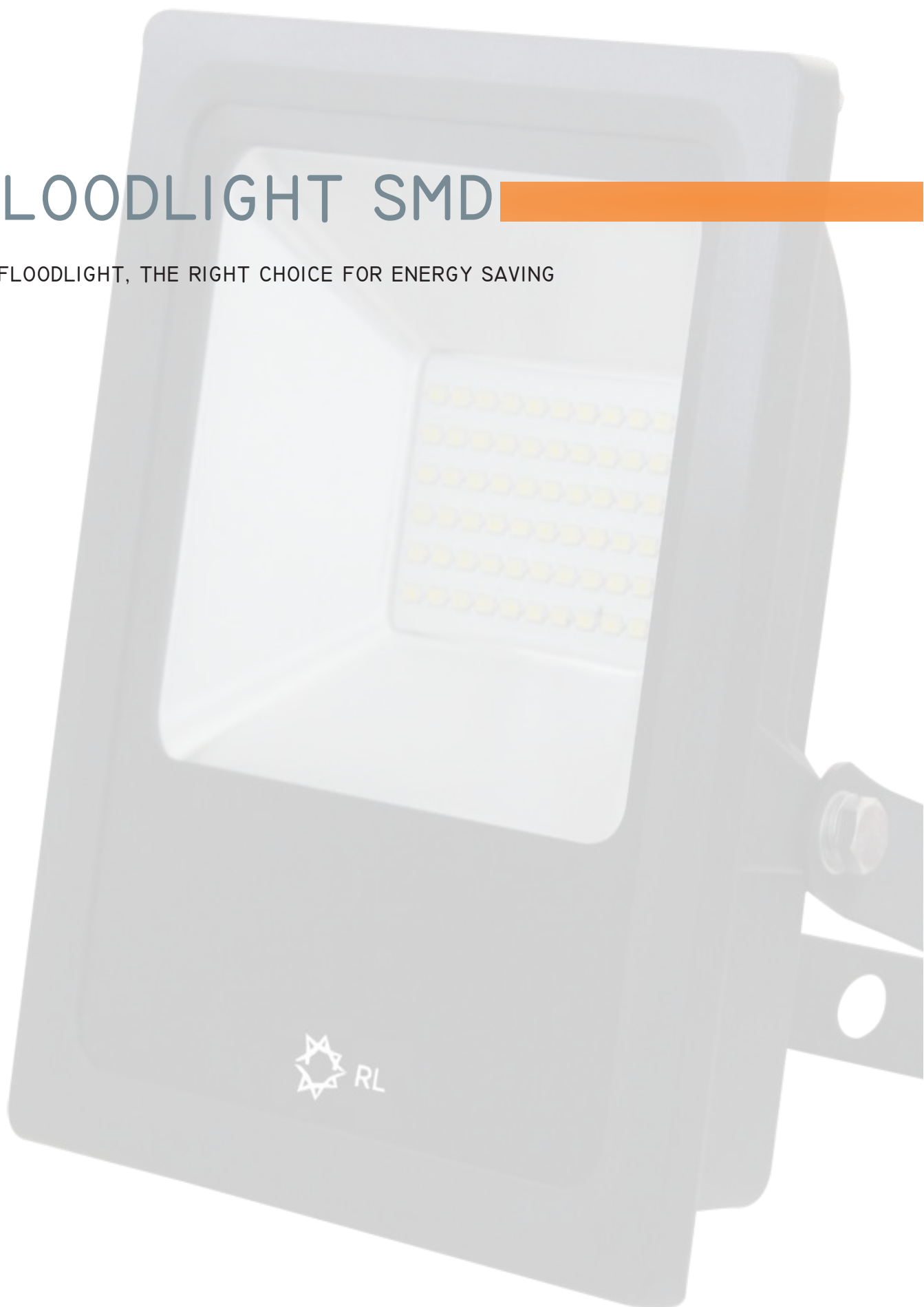
Step4



Put the LED batten back until it is stuck by clips.

FLOODLIGHT SMD

RL FLOODLIGHT, THE RIGHT CHOICE FOR ENERGY SAVING



FLOOD LIGHT SMD 10W

RL FLOODLIGHT: THE RIGHT CHOICE FOR ENERGY SAVING

Outdoor Floodlights with protection class IP65, ideal to replace metallic iodides lamps.

Available with a power consumption from 10W to 50W, this product line uses the SMD technology.



PROIETTORI LED RL: LA SCELTA GIUSTA PER IL RISPARMIO ENERGETICO

Proiettori da esterno con grado di protezione IP65, ideali per la sostituzione di lampade a ioduri metallici.

Disponibili con un range di consumo da 10W a 50W, questa linea di prodotti utilizza la tecnologia SMD.

LED PROJEKTOR-LEUCHE RL: DIE RICHTIGE WAHL UM ENERGIE ZU SPAREN

Außenstrahler mit Schutzart IP65.

Es ist ideal um metallische Jodide zu ersetzen.

Lieferbar mit Verbrauch von 10W bis 50W, diese Produktserie verwendet die SMD-Technologie.



TECHNICAL DATA

ARTICLE NUMBER	160001SMDW	160001SMDN	160001SMDC
NAME OF PRODUCT	FLOODLIGHT SMD 10W		
INNER CARTON	1	1	1
MASTER CARTON	24	24	24
WEIGHT SINGLE PIECE	0,52 Kg	0,52 Kg	0,52 Kg

GENERAL CARACTERISTICS

MAIN APPLICATION	OUTDOOR (Roadway, Pathway, Sidewalk, etc.)	OUTDOOR (Roadway, Pathway, Sidewalk, etc.)	OUTDOOR (Roadway, Pathway, Sidewalk, etc.)
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	EPISTAR SMD 5730	EPISTAR SMD 5730	EPISTAR SMD 5730
IP RATE	IP 65	IP 65	IP 65

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.500K ± 300	6.000K ±300
CRI	>80	>80	>80
LUMINOUS FLUX	>900 Lm	>950 Lm	>1.000 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	>120°	>120°	>120°

ELECTRICAL DATA

SYSTEM POWER	10W	10W	10W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 110-240V DC12-24V	AC 110-240V DC12-24V	AC 110-240V DC12-24V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT POWER	8,3W	8,3W	8,3W
OUTPUT CURRENT	300 mA	300 mA	300 mA
POWER FACTOR	> 0,9	> 0,9	> 0,9
DIMMABLE	NONE	NONE	NONE
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	95% Rh or below (-20°/50° C)	95% Rh or below (-20°/50° C)	95% Rh or below (-20°/50° C)

DIMENSION

DIMENSION OF THE PRODUCT	112,2x188,2x44,8 mm	112,2x188,2x44,8 mm	112,2x188,2x44,8 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

FLOODLIGHT SMD 30W

RL FLOODLIGHT: THE RIGHT CHOICE FOR ENERGY SAVING

Outdoor Floodlights with protection class IP65, ideal to replace metallic iodides lamps. Available with a power consumption from 10W to 50W, this product line uses the SMD technology.

PROIETTORI LED RL: LA SCELTA GIUSTA PER IL RISPARMIO ENERGETICO

Proiettori da esterno con grado di protezione IP65, ideali per la sostituzione di lampade a ioduri metallici. Disponibili con un range di consumo da 10W a 50W, questa linea di prodotti utilizza la tecnologia SMD.

LED PROJEKTOR-LEUCHTE RL: DIE RICHTIGE WAHL UM ENERGIE ZU SPAREN

Außenstrahler mit Schutzart IP65. Es ist ideal um metallische Jodide zu ersetzen. Lieferbar mit Verbrauch von 10W bis 50W, diese Produktserie verwendet die SMD-Technologie.



TECHNICAL DATA

ARTICLE NUMBER	160005SMDW	160005SMDN	160005SMDC
NAME OF PRODUCT	FLOODLIGHT SMD 30W		
INNER CARTON	1	1	1
MASTER CARTON	8	8	8
WEIGHT SINGLE PIECE	1,86 Kg	1,86 Kg	1,86 Kg

GENERAL CARACTERISTICS

MAIN APPLICATION	OUTDOOR (Roadway, Pathway, Sidewalk, etc.)	OUTDOOR (Roadway, Pathway, Sidewalk, etc.)	OUTDOOR (Roadway, Pathway, Sidewalk, etc.)
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	EPISTAR SMD 5730	EPISTAR SMD 5730	EPISTAR SMD 5730
IP RATE	IP 65	IP 65	IP 65

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.500K ± 300	6.000K ±300
CRI	>80	>80	>80
LUMINOUS FLUX	>2.700 Lm	>2.850Lm	>3.000 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	>120°	>120°	>120°

ELECTRICAL DATA

SYSTEM POWER	30W	30W	30W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 110-240V DC12-24V	AC 110-240V DC12-24V	AC 110-240V DC12-24V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT POWER	26,7W	26,7W	26,7W
OUTPUT CURRENT	860 mA	860 mA	860 mA
POWER FACTOR	> 0,9	> 0,9	> 0,9
DIMMABLE	NONE	NONE	NONE
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	95% Rh or below (-20°/50° C)	95% Rh or below (-20°/50° C)	95% Rh or below (-20°/50° C)

DIMENSION

DIMENSION OF THE PRODUCT	195x278x62,3 mm	195x278x62,3 mm	195x278x62,3 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES



FLOODLIGHT SMD 50W

RL FLOODLIGHT: THE RIGHT CHOICE FOR ENERGY SAVING

Outdoor Floodlights with protection class IP65, ideal to replace metallic iodides lamps.

Available with a power consumption from 10W to 50W, this product line uses the SMD technology.

PROIETTORI LED RL: LA SCELTA GIUSTA PER IL RISPARMIO ENERGETICO

Proiettori da esterno con grado di protezione IP65, ideali per la sostituzione di lampade a ioduri metallici.

Disponibili con un range di consumo da 10W a 50W, questa linea di prodotti utilizza la tecnologia SMD.

LED PROJEKTOR-LEUCHE RL: DIE RICHTIGE WAHL UM ENERGIE ZU SPAREN

Außenstrahler mit Schutzart IP65.

Es ist ideal um metallische Jodide zu ersetzen.

Lieferbar mit Verbrauch von 10W bis 50W, diese Produktserie verwendet die SMD-Technologie.



TECHNICAL DATA

ARTICLE NUMBER	160007SMDW	160007SMDN	160007SMDC
NAME OF PRODUCT	FLOODLIGHT SMD 50W		
INNER CARTON	1	1	1
MASTER CARTON	6	6	6
WEIGHT SINGLE PIECE	2,540 Kg	2,540 Kg	2,540 Kg

GENERAL CARACTERISTICS

MAIN APPLICATION	OUTDOOR (Roadway, Pathway, Sidewalk, etc.)	OUTDOOR (Roadway, Pathway, Sidewalk, etc.)	OUTDOOR (Roadway, Pathway, Sidewalk, etc.)
NOMINAL LIFETIME	> 40.000 hours	> 40.000 hours	> 40.000 hours
SOURCE (LED TYPE)	EPISTAR SMD 5730	EPISTAR SMD 5730	EPISTAR SMD 5730
IP RATE	IP 65	IP 65	IP 65

LIGHTING DATA

COLOR TEMPERATURE	3.000K ±300	4.500K ± 300	6.000K ±300
CRI	>80	>80	>80
LUMINOUS FLUX	>4.500 Lm	>4.750 Lm	>5.000 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs	70% AFTER 25.000 hrs
RATED BEAM ANGLE	>120°	>120°	>120°

ELECTRICAL DATA

SYSTEM POWER	50W	50W	50W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 110-240V DC12-24V	AC 110-240V DC12-24V	AC 110-240V DC12-24V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT POWER	43,1W	43,1W	43,1W
OUTPUT CURRENT	1,45 A	1,45 A	1,45 A
POWER FACTOR	> 0,9	> 0,9	> 0,9
DIMMABLE	NONE	NONE	NONE
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C
HUMIDITY	95% Rh or below (-20°/50° C)	95% Rh or below (-20°/50° C)	95% Rh or below (-20°/50° C)

DIMENSION

DIMENSION OF THE PRODUCT	235,5x361,5x69,5 mm	235,5x361,5x69,5 mm	235,5x361,5x69,5 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	-	-	-
CE MARKING	YES	YES	YES
UL MARKING	-	-	-
ROHS COMPLIANCE	YES	YES	YES

Copper thermal conductivity -
386.4 W/(m.k)

Best heat dissipation with top quality
aluminum

Strong glass protection



Ultra bright EPiSTAR SMD 5730 LED

SUPER FLOODLIGHT

RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!



SUPER FLOODLIGHT 100W

RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

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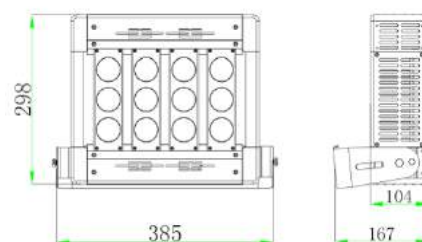
RL SUPER FLOODLIGHT: LA MIGLIORE QUALITÀ MAI VISTA PRIMA!

La RL Super Floodlight è il miglior prodotto presente nel nostro catalogo da esterno. Con un range di potenza compreso tra 100W e 3.000W e un angolo di apertura da 10° a 120° è il prodotto ideale per le applicazioni esterne, dal campo da calcio alle gallerie autostradali.

RL SUPER FLOODLIGHT: BESTE QUALITÄT NOCH NIE GESEHEN!

Die RL Super Floodlight sind die besten Produkte zur äußerlichen Anwendung in unserem Katalog.

Mit einer Skala von Leistung zwischen 100W und 3.000W und Öffnungswinkel von 10° bis 120°, dieser LED-Strahler ist das beste Produkt für Außenbereiche, von Fußballplatz bis Autobahntunnel.



C.R.I. COMPARISON



OUR SUPER FLOODLIGHT CRI>85

NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	RL-100-WW-XX	RL-100-NW-XX	RL-100-CW-XX
NAME OF PRODUCT		SUPER FLOODLIGHT 100W	
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	7 Kg	7 Kg	7 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	12 CREE Xlamp	12 CREE Xlamp	12 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>14.000 Lm	>15.000 Lm	>16.000 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

SYSTEM POWER	100W	100W	100W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE		1-10V, TRIAC AND DALI AVAILABLE	
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	298*385*104 mm	298*385*104 mm	298*385*104 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES



SUPER FLOODLIGHT 150W

RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

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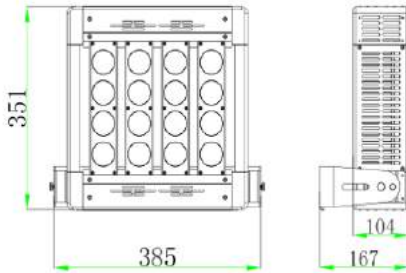
RL SUPER FLOODLIGHT: LA MIGLIORE QUALITÀ MAI VISTA PRIMA!

La RL Super Floodlight è il miglior prodotto presente nel nostro catalogo da esterno. Con un range di potenza compreso tra 100W e 3.000W e un angolo di apertura da 10° a 120° è il prodotto ideale per le applicazioni esterne, dal campo da calcio alle gallerie autostradali.

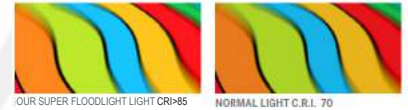
RL SUPER FLOODLIGHT: BESTE QUALITÄT NOCH NIE GESEHEN!

Die RL Super Floodlight sind die besten Produkte zur äußerlichen Anwendung in unserem Katalog.

Mit einer Skala von Leistung zwischen 100W und 3.000W und Öffnungswinkel von 10° bis 120°, dieser LED-Strahler ist das beste Produkt für Außenbereiche, von Fußballplatz bis Autobahntunnel.



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	RL-150-WW-XX	RL-150-NW-XX	RL-150-CW-XX
NAME OF PRODUCT		SUPER FLOODLIGHT 150W	
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	8 Kg	8 Kg	8 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	18 CREE Xlamp	18 CREE Xlamp	18 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>21.000 Lm	>22.500 Lm	>24.000 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

SYSTEM POWER	150W	150W	150W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE		1-10V, TRIAC AND DALI AVAILABLE	
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	351*385*104 mm	351*385*104 mm	351*385*104 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SUPERFLOODLIGHT 200W

RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

The RL Super Floodlight is the premium best product of our outdoor catalogue. With a power range between 100W and 3.000W and an opening angle from 10° to 120°, it is the ideal product for outdoor applications from football field to highway tunnels.

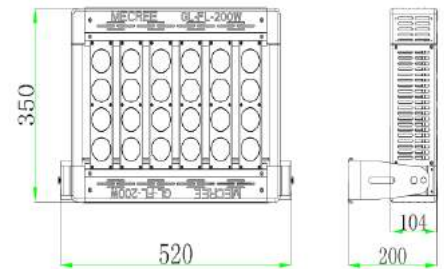
RL SUPER FLOODLIGHT: LA MIGLIORE QUALITÀ MAI VISTA PRIMA!

La RL Super Floodlight è il miglior prodotto presente nel nostro catalogo da esterno. Con un range di potenza compreso tra 100W e 3.000W e un angolo di apertura da 10° a 120° è il prodotto ideale per le applicazioni esterne, dal campo da calcio alle gallerie autostradali.

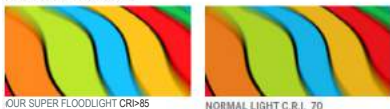
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Mit einer Skala von Leistung zwischen 100W und 3.000W und Öffnungswinkel von 10° bis 120°, dieser LED-Strahler ist das beste Produkt für Außenbereiche, von Fußballplatz bis Autobahntunnel.



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	RL-200-WW-XX	RL-200-NW-XX	RL-200-CW-XX
NAME OF PRODUCT		SUPER FLOODLIGHT 200W	
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	10 Kg	10 Kg	10 Kg

GENERAL CARACHTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	24 CREE Xlamp	24 CREE Xlamp	24 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>28.500 Lm	>30.000 Lm	>31.500 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

SYSTEM POWER	200W	200W	200W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE		1-10V, TRIAC AND DALI AVAILABLE	
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	350*520*104 mm	350*520*104 mm	350*520*104 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SUPER FLOODLIGHT 300W

RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

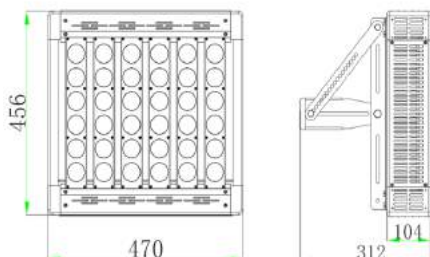
The RL Super Floodlight is the premium best product of our outdoor catalogue. With a power range between 100W and 3.000W and an opening angle from 10° to 120°, it is the ideal product for outdoor applications from football field to highway tunnels.

RL SUPER FLOODLIGHT: LA MIGLIORE QUALITÀ MAI VISTA PRIMA!

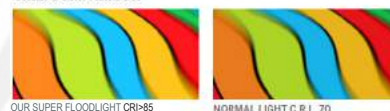
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RL SUPER FLOODLIGHT: BESTE QUALITÄT NOCH NIE GESEHEN!

Die RL Super Floodlight sind die besten Produkte zur äußerlichen Anwendung in unserem Katalog. Mit einer Skala von Leistung zwischen 100W und 3.000W und Öffnungswinkel von 10° bis 120°, dieser LED-Strahler ist das beste Produkt für Außenbereiche, von Fußballplatz bis Autobahntunnel.



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	RL-300-WW-XX	RL-300-NW-XX	RL-300-CW-XX
NAME OF PRODUCT		SUPER FLOODLIGHT 300W	
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	15 Kg	15 Kg	15 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	36 CREE Xlamp	36 CREE Xlamp	36 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>42.750 Lm	>45.000 Lm	>47.250 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

SYSTEM POWER	300W	300W	300W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE		1-10V, TRIAC AND DALI AVAILABLE	
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	456*470*104 mm	456*470*104 mm	456*470*104 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SUPER FLOODLIGHT 400W

RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

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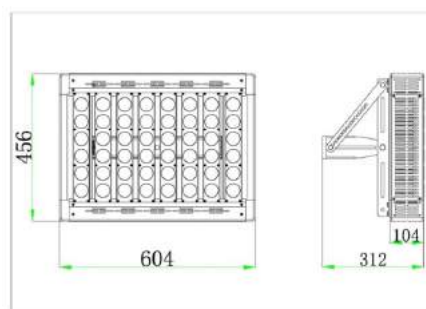
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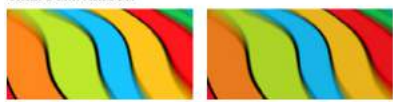
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C.R.I. COMPARISON



OUR SUPERFLOOD LIGHT CRI>85

NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	RL-400-WW-XX	RL-400-NW-XX	RL-400-CW-XX
NAME OF PRODUCT	SUPER FLOODLIGHT 400W		
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	18 Kg	18 Kg	18 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	48 CREE Xlamp	48 CREE Xlamp	48 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>57.000 Lm	>60.000 Lm	>63.000 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

SYSTEM POWER	400W	400W	400W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE		1-10V, TRIAC AND DALI AVAILABLE	
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	456*604*104 mm	456*604*104 mm	456*604*104 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SUPER FLOODLIGHT 500W

RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

The RL Super Floodlight is the premium best product of our outdoor catalogue. With a power range between 100W and 3.000W and an opening angle from 10° to 120°, it is the ideal product for outdoor applications from football field to highway tunnels.

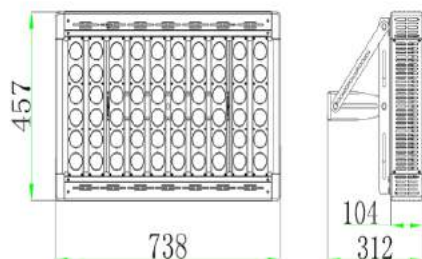
RL SUPER FLOODLIGHT: LA MIGLIORE QUALITÀ MAI VISTA PRIMA!

La RL Super Floodlight è il miglior prodotto presente nel nostro catalogo da esterno. Con un range di potenza compreso tra 100W e 3.000W e un angolo di apertura da 10° a 120° è il prodotto ideale per le applicazioni esterne, dal campo da calcio alle gallerie autostradali.

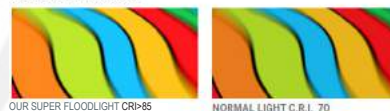
RL SUPER FLOODLIGHT: BESTE QUALITÄT NOCH NIE GESEHEN!

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C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	RL-500-WW-XX	RL-500-NW-XX	RL-500-CW-XX
NAME OF PRODUCT	SUPER FLOODLIGHT 500W		
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	21 Kg	21 Kg	21 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	60 CREE Xlamp	60 CREE Xlamp	60 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>71.250 Lm	>75.000 Lm	>78.750 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

SYSTEM POWER	500W	500W	500W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE	YES	1-10V, TRIAC AND DALI AVAILABLE	YES
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	457*738*104 mm	457*738*104 mm	457*738*104 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SUPER FLOODLIGHT 600W

RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

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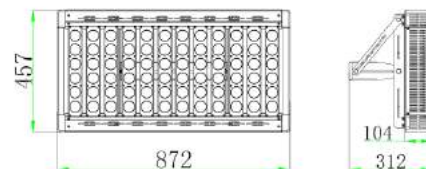
RL SUPER FLOODLIGHT: LA MIGLIORE QUALITÀ MAI VISTA PRIMA!

La RL Super Floodlight è il miglior prodotto presente nel nostro catalogo da esterno. Con un range di potenza compreso tra 100W e 3.000W e un angolo di apertura da 10° a 120° è il prodotto ideale per le applicazioni esterne, dal campo da calcio alle gallerie autostradali.

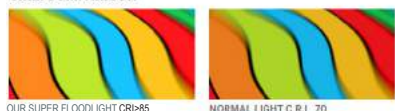
RL SUPER FLOODLIGHT: BESTE QUALITÄT NOCH NIE GESEHEN!

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Mit einer Skala von Leistung zwischen 100W und 3.000W und Öffnungswinkel von 10° bis 120°, dieser LED-Strahler ist das beste Produkt für Außenbereiche, von Fußballplatz bis Autobahntunnel.



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	RL-600-WW-XX	RL-600-NW-XX	RL-600-CW-XX
NAME OF PRODUCT	SUPER FLOODLIGHT 600W		
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	26 Kg	26 Kg	26 Kg

GENERAL CARACTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	72 CREE Xlamp	72 CREE Xlamp	72 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>85.000 Lm	>90.000 Lm	>95.000 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

SYSTEM POWER	600W	600W	600W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE	1-10V, TRIAC AND DALI AVAILABLE		
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	457*872*104 mm	457*872*104 mm	457*872*104 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SUPER FLOODLIGHT 800W

RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

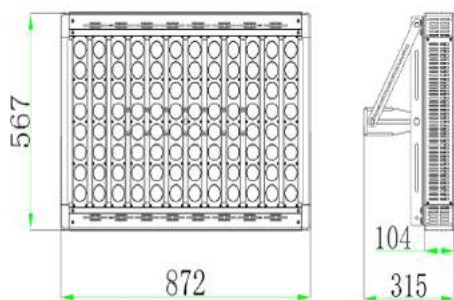
The RL Super Floodlight is the premium best product of our outdoor catalogue. With a power range between 100W and 3.000W and an opening angle from 10° to 120°, it is the ideal product for outdoor applications from football field to highway tunnels.

RL SUPER FLOODLIGHT: LA MIGLIORE QUALITÀ MAI VISTA PRIMA!

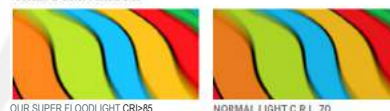
La RL Super Floodlight è il miglior prodotto presente nel nostro catalogo da esterno. Con un range di potenza compreso tra 100W e 3.000W e un angolo di apertura da 10° a 120° è il prodotto ideale per le applicazioni esterne, dal campo da calcio alle gallerie autostradali.

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C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	RL-800-WW-XX	RL-800-NW-XX	RL-800-CW-XX
NAME OF PRODUCT		SUPER FLOODLIGHT 800W	
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	31 Kg	31 Kg	31 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	96 CREE Xlamp	96 CREE Xlamp	96 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>114.000 Lm	>120.000 Lm	>126.000 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

SYSTEM POWER	800W	800W	800W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE		1-10V, TRIAC AND DALI AVAILABLE	
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	567*872*280 mm	567*872*280 mm	567*872*280 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SUPER FLOODLIGHT 1.000W

RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

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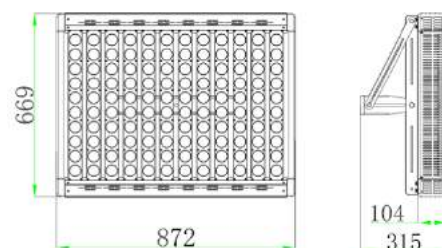
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C.R.I. COMPARISON



OUR SUPER FLOODLIGHT CRI>85

NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	RL-1000-WW-XX	RL-1000-NW-XX	RL-1000-CW-XX
NAME OF PRODUCT		SUPER FLOODLIGHT 1000W	
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	37 Kg	37 Kg	37 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	120 CREE Xlamp	120 CREE Xlamp	120 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>142.500 Lm	>150.000 Lm	>157.500Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

SYSTEM POWER	1.000W	1.000W	1.000W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE		1-10V, TRIAC AND DALI AVAILABLE	
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

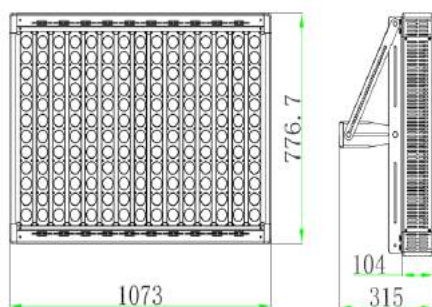
DIMENSION

DIMENSION OF THE PRODUCT	669*872*280 mm	669*872*280 mm	669*872*280 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SUPER FLOODLIGHT 1.500W



RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

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RL SUPER FLOODLIGHT: LA MIGLIORE QUALITÀ MAI VISTA PRIMA!

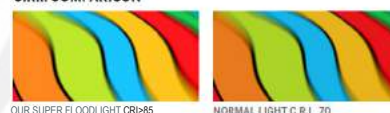
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C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	RL-1500-WW-XX	RL-1500-NW-XX	RL-1500-CW-XX
NAME OF PRODUCT		SUPER FLOODLIGHT 1500W	
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	48 Kg	48 Kg	48 Kg

GENERAL CARACHTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	180 CREE Xlamp	180 CREE Xlamp	180 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>213.000 Lm	>225.000 Lm	>237.000 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

SYSTEM POWER	1.500W	1.500W	1.500W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE		1-10V, TRIAC AND DALI AVAILABLE	
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	1.073*776,7*104 mm	1.073*776,7*104 mm	1.073*776,7*104 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SUPER FLOODLIGHT 2.000W

RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

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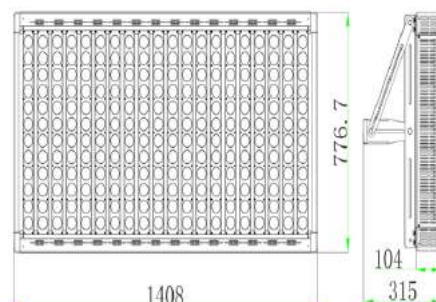
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RL SUPER FLOODLIGHT: BESTE QUALITÄT NOCH NIE GESEHEN!

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C.R.I. COMPARISON



OUR SUPER FLOODLIGHT CRI>85

NORMAL LIGHT C.R.I. 70



TECHNICAL DATA

ARTICLE NUMBER	RL-2000-WW-XX	RL-2000-NW-XX	RL-2000-CW-XX
NAME OF PRODUCT		SUPER FLOODLIGHT 2000W	
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	60 Kg	60 Kg	60 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	240 CREE Xlamp	240 CREE Xlamp	240 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>285.000 Lm	>300.000 Lm	>315.000Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

SYSTEM POWER	2.000W	2.000W	2.000W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE		1-10V, TRIAC AND DALI AVAILABLE	
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	1.408*776,7*104 mm	1.408*776,7*104 mm	1.408*776,7*104 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES

SUPER FLOODLIGHT 3.000W



RL SUPER FLOODLIGHT: THE BEST QUALITY EVER SEEN!

The RL Super Floodlight is the premium best product of our outdoor catalogue. With a power range between 100W and 3.000W and an opening angle from 10° to 120°, it is the ideal product for outdoor applications from football field to highway tunnels.

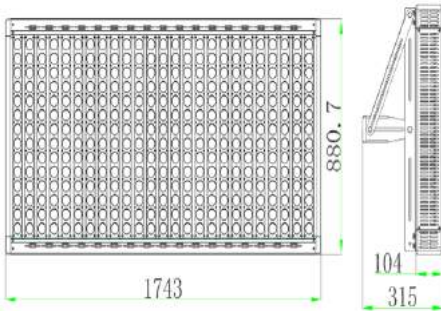
RL SUPER FLOODLIGHT: LA MIGLIORE QUALITÀ MAI VISTA PRIMA!

La RL Super Floodlight è il miglior prodotto presente nel nostro catalogo da esterno. Con un range di potenza compreso tra 100W e 3.000W e un angolo di apertura da 10° a 120° è il prodotto ideale per le applicazioni esterne, dal campo da calcio alle gallerie autostradali.

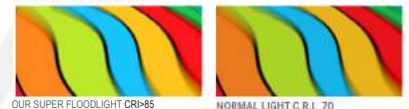
RL SUPER FLOODLIGHT: BESTE QUALITÄT NOCH NIE GESEHEN!

Die RL Super Floodlight sind die besten Produkte zur äußerlichen Anwendung in unserem Katalog.

Mit einer Skala von Leistung zwischen 100W und 3.000W und Öffnungswinkel von 10° bis 120°, dieser LED-Strahler ist das beste Produkt für Außenbereiche, von Fußballplatz bis Autobahntunnel.



C.R.I. COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	RL-3000-WW-XX	RL-3000-NW-XX	RL-3000-CW-XX
NAME OF PRODUCT		SUPER FLOODLIGHT 3000W	
INNER CARTON	1	1	1
MASTER CARTON	1	1	1
WEIGHT SINGLE PIECE	98 Kg	98 Kg	98 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower	Sport field, Stadium, Tunnel, Light tower
NOMINAL LIFETIME	> 80.000 hours	> 80.000 hours	> 80.000 hours
SOURCE (LED TYPE)	360 CREE Xlamp	360 CREE Xlamp	360 CREE Xlamp
IP RATE	IP 67	IP 67	IP 67

LIGHTING DATA

COLOR TEMPERATURE	3.000K	4.000K	5.700K
CRI	>88	>88	>88
LUMINOUS FLUX	>427.000 Lm	>450.000 Lm	>473.000 Lm
LLMF (LUMEN MAINTENANCE)	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs	70% AFTER 50.000 hrs
RATED BEAM ANGLE	10°(XX=10), 24°(XX=24), 38°(XX=38), 60°(XX=60), 90°(XX=90), 120°(XX=120)		

ELECTRICAL DATA

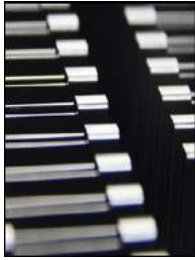
SYSTEM POWER	3.000W	3.000W	3.000W
START TIME (SECOND)	<1 S	<1 S	<1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	INSTANT FULL LIGHT	INSTANT FULL LIGHT	INSTANT FULL LIGHT
INPUT VOLTAGE	AC 90-305V	AC 90-305V	AC 90-305V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz
POWER FACTOR	> 95	> 95	> 95
DIMMABLE		1-10V, TRIAC AND DALI AVAILABLE	
ENERGY SAVING	YES	YES	YES
WORKING TEMPERATURE	-40°/65°C	-40°/65°C	-40°/65°C
HUMIDITY	10-90%	10-90%	10-90%

DIMENSION

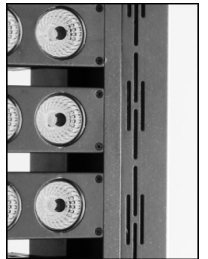
DIMENSION OF THE PRODUCT	1.743*880,7*104 mm	1.743*960*550 mm	1.743*960*550 mm
CUTOUT	NONE	NONE	NONE

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS
ROHS COMPLIANCE	YES	YES	YES



Aluminum alloy heatsink
With electrophoresis treatment



Aluminum alloy housing
With electrostatic spraying



Stainless steel SUS304
Fixed Handle
With electrophoresis
treatment



The heat radiator area of the LED
floodlight is the biggest in the
high-power LED industry at present

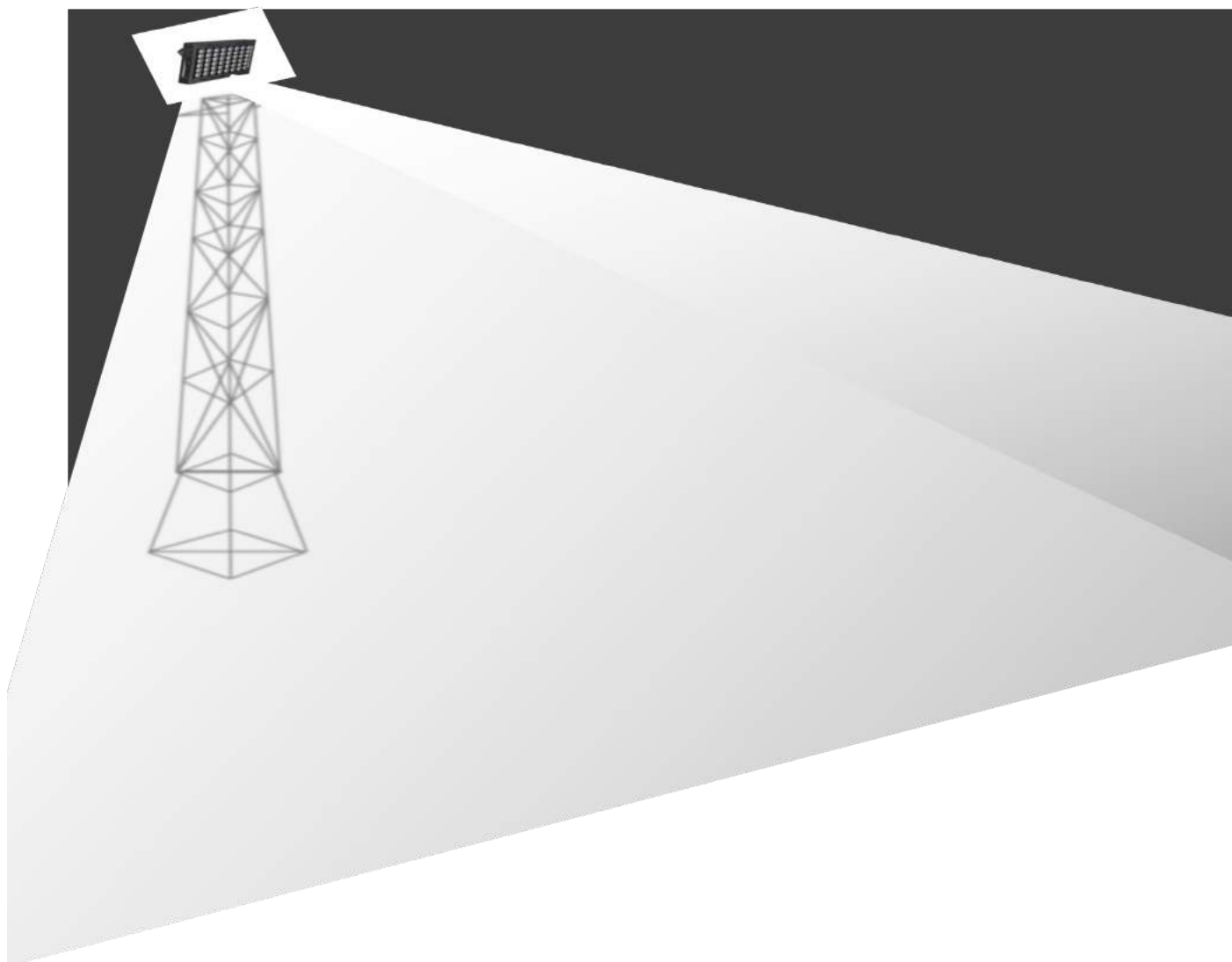
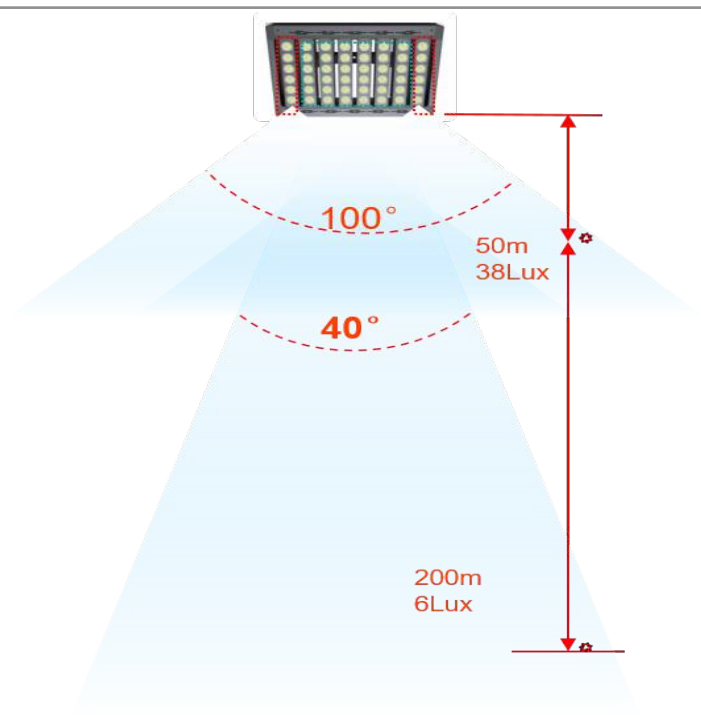
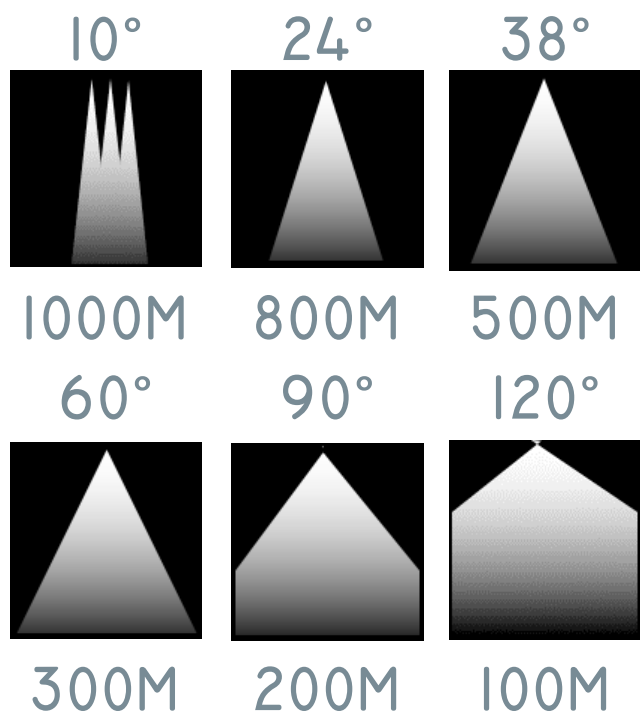


Driver inside with ventilation
design, protect it from
the damage of sunshine



SUPER FLOODLIGHT

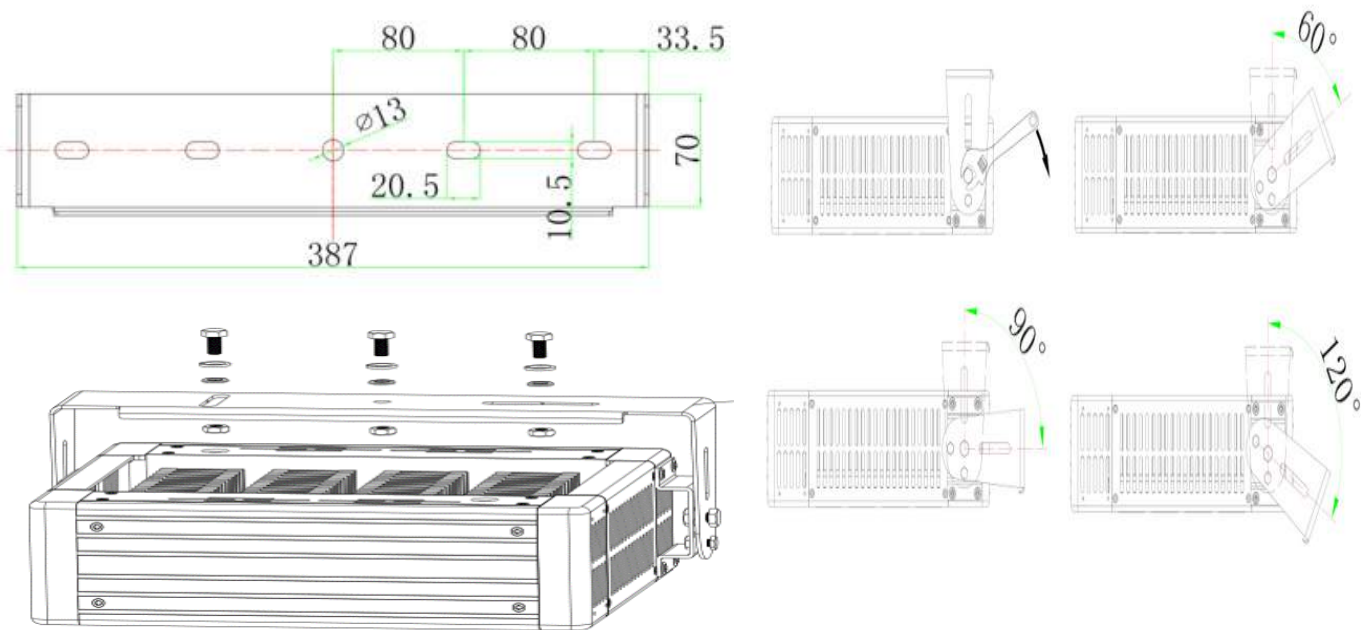
BEAM ANGLE



SUPER FLOODLIGHT

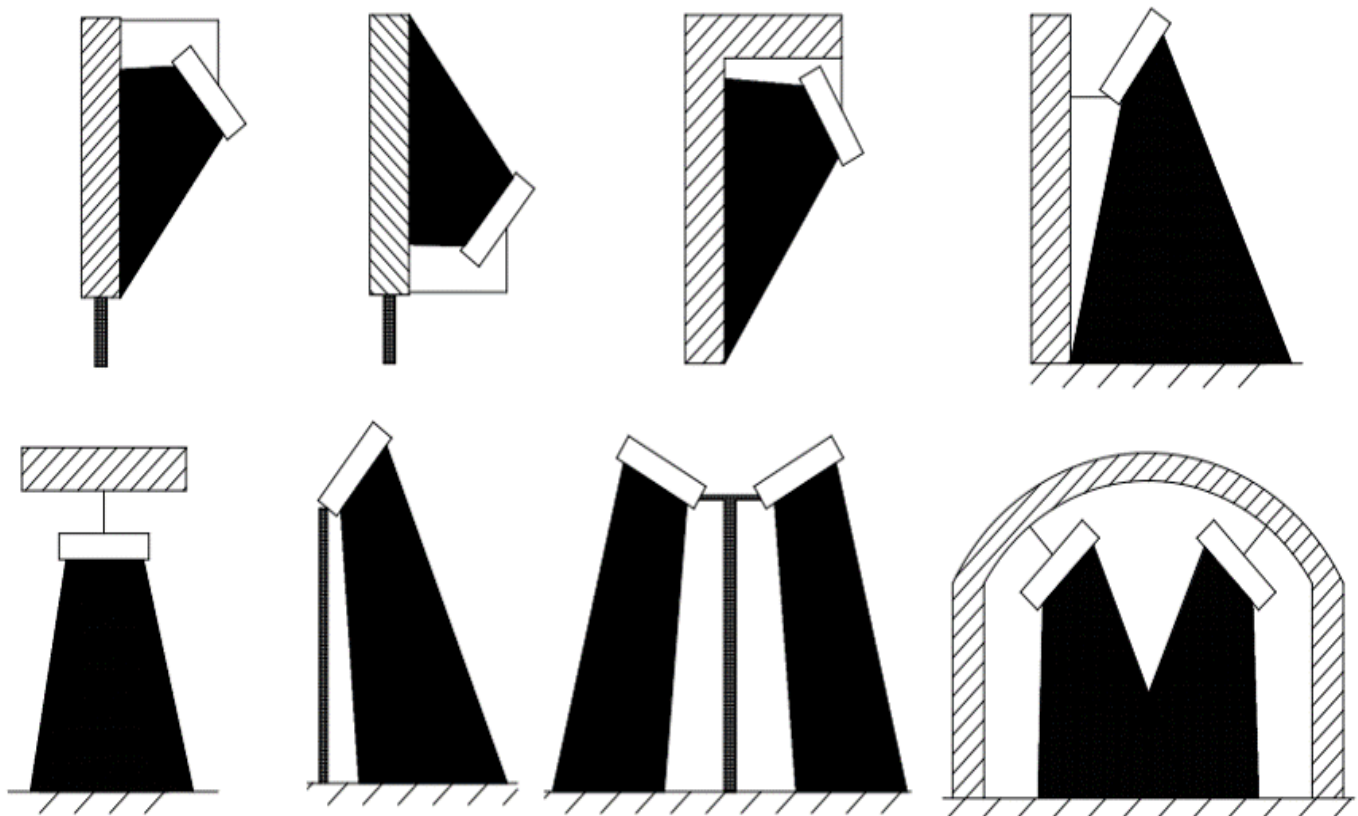
INSTALLATION INSTRUCTIONS

Through the screw, choose and adjust the angle of the bracket you need before installaing



APPLICATIONS

Applied in large sports field lighting, football, basketball, golf and tennis court, racetrack, badminton, roads, high-rise buildings, tower lights, etc. Can also be applied in large square, airport, commercial building, construction engineering, farm, amusement parks, parking lots, harbor, industrial buildings, and other special lighting environment.



SKY BAY LIGHT

RL SKY BAY LIGHT: THE CHEAPEST SOLUTION FOR WAREHOUSES



SKY BAY LIGHT 100W

SKY BAY LIGHT: A CHEAP CHOICE FOR SAVING ENERGY IN FACTORIES AND WAREHOUSES

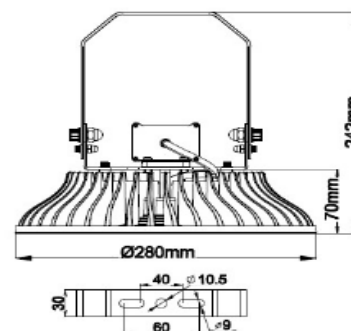
RL SKY BAY LIGHTS are developed to replace traditional metal halide High Bay Lights for industrial applications and in particularly difficult shadow areas. Very cheap and easy to install, our SKY BAY LIGHTS give the best energy saving due to the reduction of the electrical and maintenance costs.

SKY BAY LIGHT: UNA SCELTA ECONOMICA PER RISPARMIARE ENERGIA NELLE FABBRICHE E NEI MAGAZZINI

Le SKY BAY LIGHT della RL sono progettate per sostituire i tradizionali padelloni a ioduri metallici in applicazioni industriali e in zone dove l'illuminazione è particolarmente difficoltosa. Molto economiche e facili da installare le Sky Bay Light sono disegnate per offrire il massimo risparmio energetico riducendo in modo sensibile i costi elettrici e manutentivi.

SKY BAY LIGHT: EINE GÜNSTIGE AUSWAHL UM ENERGIE IN FABRIKEN UND MAGAZINEN ZU SPAREN

Die SKY BAY LIGHT von der RL wurden entworfen um die traditionellen Metaldampf Kappen zu ersetzen die in Industriezonen und in Zonen angewendet werden, wo die Beleuchtung besonders schwierig ist. Die SKY BAY sind sehr günstig und einfach zu installieren, sie sind so konzipiert um maximal die Energiekosten zu senken und in einem nennenswerten Ausmass die elektrischen Kosten und die Instandhaltungskosten zu reduzieren.



TECHNICAL DATA

ARTICLE NUMBER	150001SN
NAME OF PRODUCT	SKY BAY LIGHT 100W 4.000K
INNER CARTON	1
MASTER CARTON	1
WEIGHT SINGLE PIECE	3,5Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	INDUSTRIAL
NOMINAL LIFETIME	> 50.000 hours
SOURCE (LED TYPE)	PHILIPS SMD 3030
IP RATE	IP 65

LIGHTING DATA

COLOR TEMPERATURE	4.000K ±300
CRI	>80
LUMINOUS FLUX	>15.000 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 30.000 hrs
RATED BEAM ANGLE	120°

ELECTRICAL DATA

SYSTEM POWER	100W
START TIME (SECOND)	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	< 0,5 S
INPUT VOLTAGE	AC 100-277V
FREQUENCY	50/60 Hz
POWER FACTOR	> 0,95
DIMMABLE	AVAILABLE
ENERGY SAVING	YES
WORKING TEMPERATURE	-40°/50°C
HUMIDITY	0-90%

DIMENSION

DIMENSION OF THE PRODUCT	φ280mm*70mm
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS
CE MARKING	YES
UL MARKING	IN PROCESS
ROHS COMPLIANCE	YES

SKY BAY LIGHT 150W

SKY BAY LIGHT: A CHEAP CHOICE FOR SAVING ENERGY IN FACTORIES AND WAREHOUSES

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SKY BAY LIGHT: UNA SCELTA ECONOMICA PER RISPARMIARE ENERGIA NELLE FABBRICHE E NEI MAGAZZINI

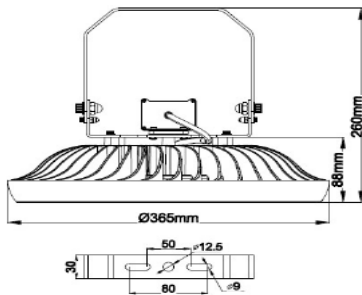
Le SKY BAY LIGHT della RL sono progettate per sostituire i tradizionali padelloni a ioduri metallici in applicazioni industriali e in zone dove l'illuminazione è particolarmente difficoltosa.

Molto economiche e facili da installare le Sky Bay Light sono disegnate per offrire il massimo risparmio energetico riducendo in modo sensibile i costi elettrici e manutentivi.

SKY BAY LIGHT: EINE GÜNSTIGE AUSWAHL UM ENERGIE IN FABRIKEN UND MAGAZINEN ZU SPAREN

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Die SKY BAY sind sehr günstig und einfach zu installieren, sie sind so konzipiert um maximal die Energiekosten zu senken und in einem nennenswerten Ausmass die elektrischen Kosten und die Instandhaltungskosten zu reduzieren.



TECHNICAL DATA

ARTICLE NUMBER	150002SN
NAME OF PRODUCT	SKY BAY LIGHT 150W 4.000K
INNER CARTON	1
MASTER CARTON	1
WEIGHT SINGLE PIECE	8,5Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	INDUSTRIAL
NOMINAL LIFETIME	> 50.000 hours
SOURCE (LED TYPE)	PHILIPS SMD 3030
IP RATE	IP 65

LIGHTING DATA

COLOR TEMPERATURE	4.000K ±300
CRI	>80
LUMINOUS FLUX	>22.500 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 30.000 hrs
RATED BEAM ANGLE	120°

ELECTRICAL DATA

SYSTEM POWER	150W
START TIME (SECOND)	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	< 0,5 S
INPUT VOLTAGE	AC 100-277V
FREQUENCY	50/60 Hz
POWER FACTOR	> 0,95
DIMMABLE	AVAILABLE
ENERGY SAVING	YES
WORKING TEMPERATURE	-40°/50°C
HUMIDITY	0-90%

DIMENSION

DIMENSION OF THE PRODUCT	φ365mm*88mm
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS
CE MARKING	YES
UL MARKING	IN PROCESS
ROHS COMPLIANCE	YES

SKY BAY LIGHT 180W

SKY BAY LIGHT: A CHEAP CHOICE FOR SAVING ENERGY IN FACTORIES AND WAREHOUSES

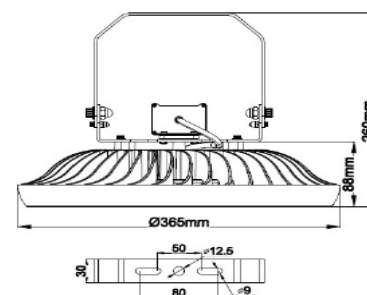
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SKY BAY LIGHT: UNA SCELTA ECONOMICA PER RISPARMIARE ENERGIA NELLE FABBRICHE E NEI MAGAZZINI

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SKY BAY LIGHT: EINE GÜNSTIGE AUSWAHL UM ENERGIE IN FABRIKEN UND MAGAZINEN ZU SPAREN

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TECHNICAL DATA

ARTICLE NUMBER	150003SN
NAME OF PRODUCT	SKY BAY LIGHT 180W 4.000K
INNER CARTON	1
MASTER CARTON	1
WEIGHT SINGLE PIECE	8,5Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	INDUSTRIAL
NOMINAL LIFETIME	> 50.000 hours
SOURCE (LED TYPE)	PHILIPS SMD 3030
IP RATE	IP 65

LIGHTING DATA

COLOR TEMPERATURE	4.000K ±300
CRI	>80
LUMINOUS FLUX	>27.000 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 30.000 hrs
RATED BEAM ANGLE	120°

ELECTRICAL DATA

SYSTEM POWER	180W
START TIME (SECOND)	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	< 0,5 S
INPUT VOLTAGE	AC 100-277V
FREQUENCY	50/60 Hz
POWER FACTOR	> 0,95
DIMMABLE	AVAILABLE
ENERGY SAVING	YES
WORKING TEMPERATURE	-40°/50°C
HUMIDITY	0-90%

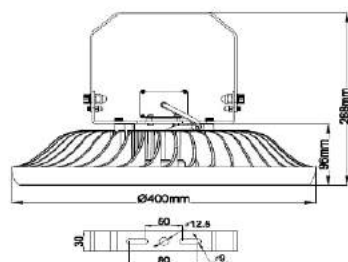
DIMENSION

DIMENSION OF THE PRODUCT	φ365mm*88mm
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS
CE MARKING	YES
UL MARKING	IN PROCESS
ROHS COMPLIANCE	YES

SKY BAY LIGHT 200W



SKY BAY LIGHT: A CHEAP CHOICE FOR SAVING ENERGY IN FACTORIES AND WAREHOUSES

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SKY BAY LIGHT: EINE GÜNSTIGE AUSWAHL UM ENERGIE IN FABRIKEN UND MAGAZINEN ZU SPAREN

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TECHNICAL DATA

ARTICLE NUMBER	150004SN
NAME OF PRODUCT	SKY BAY LIGHT 200W 4.000K
INNER CARTON	1
MASTER CARTON	1
WEIGHT SINGLE PIECE	9Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	INDUSTRIAL
NOMINAL LIFETIME	> 50.000 hours
SOURCE (LED TYPE)	PHILIPS SMD 3030
IP RATE	IP 65

LIGHTING DATA

COLOR TEMPERATURE	4.000K ±300
CRI	>80
LUMINOUS FLUX	>30.000 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 30.000 hrs
RATED BEAM ANGLE	120°

ELECTRICAL DATA

SYSTEM POWER	200W
START TIME (SECOND)	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	< 0,5 S
INPUT VOLTAGE	AC 100-277V
FREQUENCY	50/60 Hz
POWER FACTOR	> 0,95
DIMMABLE	AVAILABLE
ENERGY SAVING	YES
WORKING TEMPERATURE	-40°/50°C
HUMIDITY	0-90%

DIMENSION

DIMENSION OF THE PRODUCT	φ400mm*96mm
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS
CE MARKING	YES
UL MARKING	IN PROCESS
ROHS COMPLIANCE	YES

SKY BAY LIGHT 240W

SKY BAY LIGHT: A CHEAP CHOICE FOR SAVING ENERGY IN FACTORIES AND WAREHOUSES

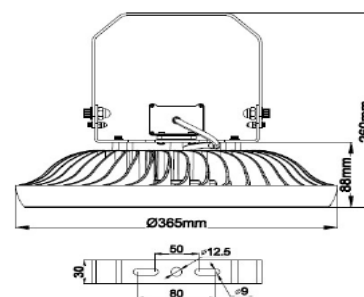
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SKY BAY LIGHT: EINE GÜNSTIGE AUSWAHL UM ENERGIE IN FABRIKEN UND MAGAZINEN ZU SPAREN

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TECHNICAL DATA

ARTICLE NUMBER	150005SN
NAME OF PRODUCT	SKY BAY LIGHT 240W 4.000K
INNER CARTON	1
MASTER CARTON	1
WEIGHT SINGLE PIECE	9Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	INDUSTRIAL
NOMINAL LIFETIME	> 50.000 hours
SOURCE (LED TYPE)	PHILIPS SMD 3030
IP RATE	IP 65

LIGHTING DATA

COLOR TEMPERATURE	4.000K ±300
CRI	>80
LUMINOUS FLUX	>36.000 Lm
LLMF (LUMEN MAINTENANCE)	80% AFTER 30.000 hrs
RATED BEAM ANGLE	120°

ELECTRICAL DATA

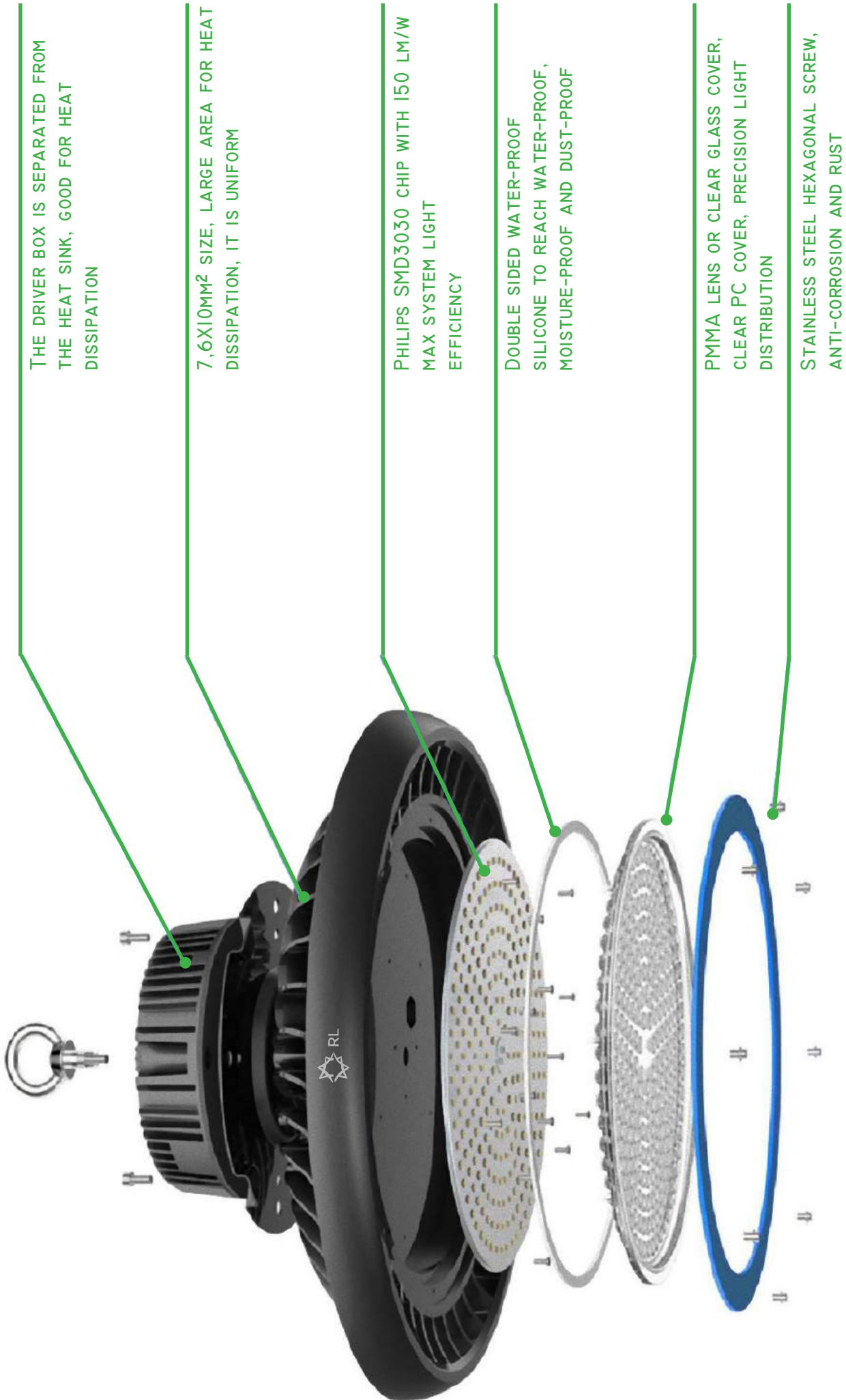
SYSTEM POWER	240W
START TIME (SECOND)	< 0,5 S
WARM-UP TIME TO 60% LIGHT OUTPUT	< 0,5 S
INPUT VOLTAGE	AC 100-277V
FREQUENCY	50/60 Hz
POWER FACTOR	> 0,95
DIMMABLE	AVAILABLE
ENERGY SAVING	YES
WORKING TEMPERATURE	-40°/50°C
HUMIDITY	0-90%

DIMENSION

DIMENSION OF THE PRODUCT	φ400mm*96mm
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APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS
CE MARKING	YES
UL MARKING	IN PROCESS
ROHS COMPLIANCE	YES



THE DRIVER BOX IS SEPARATED FROM THE HEAT SINK, GOOD FOR HEAT DISSIPATION

7,6X10MM² SIZE, LARGE AREA FOR HEAT DISSIPATION, IT IS UNIFORM

PHILIPS SMD3030 CHIP WITH 150 LM/W MAX SYSTEM LIGHT EFFICIENCY

DOUBLE SIDED WATER-PROOF SILICONE TO REACH WATER-PROOF, MOISTURE-PROOF AND DUST-PROOF

PMMA LENS OR CLEAR GLASS COVER, CLEAR PC COVER, PRECISION LIGHT DISTRIBUTION

STAINLESS STEEL HEXAGONAL SCREW, ANTI-CORROSION AND RUST

SKY BAY LIGHT

INSTALLATION

HOOK MOUNTED



PIPE



CEILING MOUNTED



WALL MOUNTED



STREET LIGHT

RL STREET LIGHT: INTRODUCING A NEW PREMIUM EXPERIENCE!



STREET LIGHT 40W

RL STREET LIGHT: MAKE THE STREET DIFFERENT!

Our Street Light is the perfect combination of light and technology.

The Power LEDS provide the maximum brightness.

Designed for illuminating both small streets and great roads, it is the ideal substitute for the traditional concept of street lighting.



ARMATURA STRADALE A LED RL: RENDI LA STRADA DIFFERENTE!

La nostra armatura stradale è la combinazione perfetta tra tecnologia e luce. I power LED rilasciano il massimo della luminosità.

Progettato per illuminare sia piccoli viali che grandi strade, è il sostituto ideale del tradizionale concetto di illuminazione stradale.

LED STRAßENLEUCHTE RL: VERÄNDERT DIE STRASSE!

Unsere Straßenleuchte ist die perfekte Kombination aus Technologie und Licht. Die Power LED erreicht eine maximale Lichtstärke.

Es ist eine innovative Lösung um die traditionelle Straßenbeleuchtung zu ersetzen.



C.R.I COMPARISON



OUR STREETLIGHT C.R.I. > 80



NORMAL C.R.I. 60

TECHNICAL DATA

ARTICLE NUMBER	170050NW1S/ 170050CW1S	170050NW2M/ 170050CW2M	170050NW3M/ 170050CW3M	170050NW5S/ 170050CW5S
NAME OF PRODUCT	STREET LIGHT 40W			
INNER CARTON	1	1	1	1
MASTER CARTON	1	1	1	1
WEIGHT SINGLE PIECE	6,3 Kg	6,3 Kg	6,3 Kg	6,3 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Municipal Road, Park, Parking, Highway, Road, Street			
NOMINAL LIFETIME	>80.000 hours	>80.000 hours	>80.000 hours	>80.000 hours
SOURCE (LED TYPE)	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED
IP RATE/IK RATE	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08

LIGHTING DATA

COLOR TEMPERATURE	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K
CRI	> 80	> 80	> 80	> 80
LUMINOUS FLUX	>5.600(4.000K) / >5.800(5.300K)			
LLMF (LUMEN MAINTENANCE)	96% 6.000h, 92% 12.000h, 86% 30.000hv			
RATED BEAM ANGLE	TYPE OPTICS 1S:135x50°	TYPE OPTICS 2M: 138x60°	TYPE OPTICS 3M: 141x65°	TYPE OPTICS 5S: 110x110°

ELECTRICAL DATA

SYSTEM POWER	40 W	40 W	40 W	40 W
START TIME (SECOND)	<0,1 S	<0,1 S	<0,1 S	<0,1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	<0,1 S	<0,1 S	<0,1 S	<0,1 S
DRIVER	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	42 V	42 V	42 V	42 V
OUTPUT CURRENT	720 mA	720 mA	720 mA	720 mA
POWER FACTOR	>0,9	>0,9	>0,9	>0,9
DIMMABLE	YES	YES	YES	YES
WORKING TEMPERATURE	-20°/50° C	-20°/50° C	-20°/50° C	-20°/50° C
HUMIDITY	10-90%	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	431x316x136 mm	431x316x136 mm	431x316x136 mm	431x316x136 mm
WEIGHT SINGLE PIECE	5,3 Kg	5,3 Kg	5,3 Kg	5,3 Kg
APERTURE DIAMETER	60 mm	60 mm	60 mm	60 mm
MATERIAL	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
RoHS COMPLIANCE	YES	YES	YES	YES



STREET LIGHT 60W

RL STREET LIGHT: MAKE THE STREET DIFFERENT!

Our Street Light is the perfect combination of light and technology. The Power LEDs provide the maximum brightness. Designed for illuminating both small streets and great roads, it is the ideal substitute for the traditional concept of street lighting.

ARMATURA STRADALE A LED RL: RENDI LA STRADA DIFFERENTE!

La nostra armatura stradale è la combinazione perfetta tra tecnologia e luce. I power LED rilasciano il massimo della luminosità. Progettato per illuminare sia piccoli viali che grandi strade, è il sostituto ideale del tradizionale concetto di illuminazione stradale.

LED STRAßENLEUCHTE RL: VERÄNDERT DIE STRASSE!

Unsere Straßenleuchte ist die perfekte Kombination aus Technologie und Licht. Die Power LED erreicht eine maximale Lichtstärke. Es ist eine innovative Lösung um die traditionelle Straßenbeleuchtung zu ersetzen.



C.R.I COMPARISON



OUR STREETLIGHT C.R.I. > 80



NORMAL C.R.I. 60

TECHNICAL DATA

ARTICLE NUMBER	170051NW1S/ 170051CW1S	170051NW2M/ 170051CW2M	170051NW3M/ 170051CW3M	170051NW5S/ 170051CW5S
NAME OF PRODUCT	STREET LIGHT 60W			
INNER CARTON	1	1	1	1
MASTER CARTON	1	1	1	1
WEIGHT SINGLE PIECE	7,3 Kg	7,3 Kg	7,3 Kg	7,3 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Municipal Road, Park, Parking, Highway, Road, Street			
NOMINAL LIFETIME	>80.000 hours	>80.000 hours	>80.000 hours	>80.000 hours
SOURCE (LED TYPE)	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED
IP RATE/IK RATE	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08

LIGHTING DATA

COLOR TEMPERATURE	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K
CRI	> 80	> 80	> 80	> 80
LUMINOUS FLUX	>8.400(4.000K) / >8.700(5.300K)			
LLMF (LUMEN MAINTENANCE)	96% 6.000h, 92% 12.000h, 86% 30.000hv			
RATED BEAM ANGLE	TYPE OPTICS 1S:135x50°	TYPE OPTICS 2M: 138x60°	TYPE OPTICS 3M: 141x65°	TYPE OPTICS 5S: 110x110°

ELECTRICAL DATA

SYSTEM POWER	60 W	60 W	60 W	60 W
START TIME (SECOND)	<0,1 S	<0,1 S	<0,1 S	<0,1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	<0,1 S	<0,1 S	<0,1 S	<0,1 S
DRIVER	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	42 V	42 V	42 V	42 V
OUTPUT CURRENT	1.440 mA	1.440 mA	1.440 mA	1.440 mA
POWER FACTOR	>0,9	>0,9	>0,9	>0,9
DIMMABLE	YES	YES	YES	YES
WORKING TEMPERATURE	-20°/50° C	-20°/50° C	-20°/50° C	-20°/50° C
HUMIDITY	10-90%	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	504x316x136 mm	504x316x136 mm	504x316x136 mm	504x316x136 mm
WEIGHT SINGLE PIECE	6,1 Kg	6,1 Kg	6,1 Kg	6,1 Kg
APERTURE DIAMETER	60 mm	60 mm	60 mm	60 mm
MATERIAL	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
RoHS COMPLIANCE	YES	YES	YES	YES

STREET LIGHT 100W

RL STREET LIGHT: MAKE THE STREET DIFFERENT!

Our Street Light is the perfect combination of light and technology. The Power LEDs provide the maximum brightness. Designed for illuminating both small streets and great roads, it is the ideal substitute for the traditional concept of street lighting.



ARMATURA STRADALE A LED RL: RENDI LA STRADA DIFFERENTE!

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LED STRAßENLEUCHTE RL: VERÄNDERT DIE STRASSE!

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C.R.I. COMPARISON



OUR STREETLIGHT C.R.I. > 80

NORMAL C.R.I. 60

TECHNICAL DATA

ARTICLE NUMBER	170052NW1S/ 170052CW1S	170052NW2M/ 170052CW2M	170052NW3M/ 170052CW3M	170052NW5S/ 170052CW5S
NAME OF PRODUCT	STREET LIGHT 100W			
INNER CARTON	1	1	1	1
MASTER CARTON	1	1	1	1
WEIGHT SINGLE PIECE	8,6 Kg	8,6 Kg	8,6 Kg	8,6 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Municipal Road, Park, Parking, Highway, Road, Street			
NOMINAL LIFETIME	>80.000 hours	>80.000 hours	>80.000 hours	>80.000 hours
SOURCE (LED TYPE)	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED
IP RATE/IK RATE	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08

LIGHTING DATA

COLOR TEMPERATURE	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K
CRI	> 80	> 80	> 80	> 80
LUMINOUS FLUX	>14.000(4.000K) / >15.000(5.300K)			
LLMF (LUMEN MAINTENANCE)	96% 6.000h, 92% 12.000h, 86% 30.000hv			
RATED BEAM ANGLE	TYPE OPTICS 1S:135x50°	TYPE OPTICS 2M: 138x60°	TYPE OPTICS 3M: 141x65°	TYPE OPTICS 5S: 110x110°

ELECTRICAL DATA

SYSTEM POWER	100 W	100 W	100 W	100 W
START TIME (SECOND)	<0,1 S	<0,1 S	<0,1 S	<0,1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	<0,1 S	<0,1 S	<0,1 S	<0,1 S
DRIVER	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	42 V	42 V	42 V	42 V
OUTPUT CURRENT	2.160 mA	2.160 mA	2.160 mA	2.160 mA
POWER FACTOR	>0,9	>0,9	>0,9	>0,9
DIMMABLE	YES	YES	YES	YES
WORKING TEMPERATURE	-20°/50° C	-20°/50° C	-20°/50° C	-20°/50° C
HUMIDITY	10-90%	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	577x316x136 mm	577x316x136 mm	577x316x136 mm	577x316x136 mm
WEIGHT SINGLE PIECE	5,3 Kg	5,3 Kg	5,3 Kg	5,3 Kg
APERTURE DIAMETER	60 mm	60 mm	60 mm	60 mm
MATERIAL	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
RoHS COMPLIANCE	YES	YES	YES	YES

STREET LIGHT 120W

RL STREET LIGHT: MAKE THE STREET DIFFERENT!

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ARMATURA STRADALE A LED RL: RENDI LA STRADA DIFFERENTE!

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LED STRAßENLEUCHE RL: VERÄNDERT DIE STRASSE!

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C.R.I. COMPARISON



OUR STREETLIGHT C.R.I. > 80

NORMAL C.R.I. 60

TECHNICAL DATA

ARTICLE NUMBER	170053NW1S/ 170053CW1S	170053NW2M/ 170053CW2M	170053NW3M/ 170053CW3M	170053NW5S/ 170053CW5S
NAME OF PRODUCT	STREET LIGHT 120W			
INNER CARTON	1	1	1	1
MASTER CARTON	1	1	1	1
WEIGHT SINGLE PIECE	9,6 Kg	9,6 Kg	9,6 Kg	9,6 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Municipal Road, Park, Parking, Highway, Road, Street			
NOMINAL LIFETIME	>80.000 hours	>80.000 hours	>80.000 hours	>80.000 hours
SOURCE (LED TYPE)	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED
IP RATE/IK RATE	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08

LIGHTING DATA

COLOR TEMPERATURE	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K
CRI	> 80	> 80	> 80	> 80
LUMINOUS FLUX	>16.800(4.000K) / >18.300(5.300K)			
LLMF (LUMEN MAINTENANCE)	96% 6.000h, 92% 12.000h, 86% 30.000h			
RATED BEAM ANGLE	TYPE OPTICS 1S:135x50°	TYPE OPTICS 2M: 138x60°	TYPE OPTICS 3M: 141x65°	TYPE OPTICS 5S: 110x110°

ELECTRICAL DATA

SYSTEM POWER	120 W	120 W	120 W	120 W
START TIME (SECOND)	<0,1 S	<0,1 S	<0,1 S	<0,1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	<0,1 S	<0,1 S	<0,1 S	<0,1 S
DRIVER	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	42 V	42 V	42 V	42 V
OUTPUT CURRENT	2.880 mA	2.880 mA	2.880 mA	2.880 mA
POWER FACTOR	>0,9	>0,9	>0,9	>0,9
DIMMABLE	YES	YES	YES	YES
WORKING TEMPERATURE	-20°/50° C	-20°/50° C	-20°/50° C	-20°/50° C
HUMIDITY	10-90%	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	650x316x136 mm	650x316x136 mm	650x316x136 mm	650x316x136 mm
WEIGHT SINGLE PIECE	8,2 Kg	8,2 Kg	8,2 Kg	8,2 Kg
APERTURE DIAMETER	60 mm	60 mm	60 mm	60 mm
MATERIAL	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
RoHS COMPLIANCE	YES	YES	YES	YES

STREET LIGHT 150W

RL STREET LIGHT: MAKE THE STREET DIFFERENT!

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ARMATURA STRADALE A LED RL: RENDI LA STRADA DIFFERENTE!

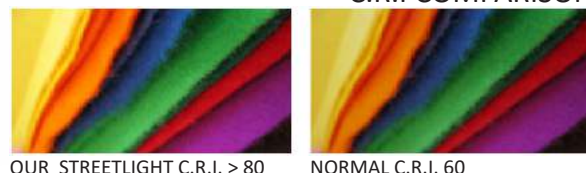
La nostra armatura stradale è la combinazione perfetta tra tecnologia e luce. I power LED rilasciano il massimo della luminosità. Progettato per illuminare sia piccoli viali che grandi strade, è il sostituto ideale del tradizionale concetto di illuminazione stradale.

LED STRAßENLEUCHTE RL: VERÄNDERT DIE STRASSE!

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C.R.I COMPARISON



TECHNICAL DATA

ARTICLE NUMBER	170054NW1S/ 170054CW1S	170054NW2M/ 170054CW2M	170054NW3M/ 170054CW3M	170054NW5S/ 170054CW5S
NAME OF PRODUCT	STREET LIGHT 150W			
INNER CARTON	1	1	1	1
MASTER CARTON	1	1	1	1
WEIGHT SINGLE PIECE	10,6 Kg	10,6 Kg	10,6 Kg	10,6 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Municipal Road, Park, Parking, Highway, Road, Street			
NOMINAL LIFETIME	>80.000 hours	>80.000 hours	>80.000 hours	>80.000 hours
SOURCE (LED TYPE)	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED
IP RATE/IK RATE	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08

LIGHTING DATA

COLOR TEMPERATURE	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K
CRI	> 80	> 80	> 80	> 80
LUMINOUS FLUX	>21.000(4.000K) / >22.500(5.300K)			
LLMF (LUMEN MAINTENANCE)	96% 6.000h, 92% 12.000h, 86% 30.000hv			
RATED BEAM ANGLE	TYPE OPTICS 1S:135x50°	TYPE OPTICS 2M: 138x60°	TYPE OPTICS 3M: 141x65°	TYPE OPTICS 5S: 110x110°

ELECTRICAL DATA

SYSTEM POWER	150 W	150 W	150 W	150 W
START TIME (SECOND)	<0,1 S	<0,1 S	<0,1 S	<0,1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	<0,1 S	<0,1 S	<0,1 S	<0,1 S
DRIVER	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	42 V	42 V	42 V	42 V
OUTPUT CURRENT	3,7 A	3,7 A	3,7 A	3,7 A
POWER FACTOR	>0,9	>0,9	>0,9	>0,9
DIMMABLE	YES	YES	YES	YES
WORKING TEMPERATURE	-20°/50° C	-20°/50° C	-20°/50° C	-20°/50° C
HUMIDITY	10-90%	10-90%	10-90%	10-90%

DIMENSION

DIMENSION OF THE PRODUCT	723x316x136 mm	723x316x136 mm	723x316x136 mm	723x316x136 mm
WEIGHT SINGLE PIECE	9 Kg	9 Kg	9 Kg	9 Kg
APERTURE DIAMETER	60 mm	60 mm	60 mm	60 mm
MATERIAL	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC

APPROVAL & APPLICATIONS CHARS

VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
RoHS COMPLIANCE	YES	YES	YES	YES

STREET LIGHT 200W

RL STREET LIGHT: MAKE THE STREET DIFFERENT!

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ARMATURA STRADALE A LED RL: RENDI LA STRADA DIFFERENTE!

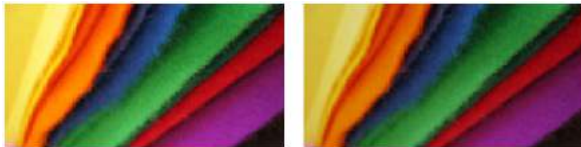
La nostra armatura stradale è la combinazione perfetta tra tecnologia e luce. I power LED rilasciano il massimo della luminosità. Progettato per illuminare sia piccoli viali che grandi strade, è il sostituto ideale del tradizionale concetto di illuminazione stradale.

LED STRAßENLEUCHE RL: VERÄNDERT DIE STRASSE!

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C.R.I. COMPARISON



OUR STREETLIGHT C.R.I. > 80

NORMAL C.R.I. 60

TECHNICAL DATA

ARTICLE NUMBER	170055NW1S/ 170055CW1S	170055NW2M/ 170055CW2M	170055NW3M/ 170055CW3M	170055NW5S/ 170055CW5S
NAME OF PRODUCT	STREET LIGHT 200W			
INNER CARTON	1	1	1	1
MASTER CARTON	1	1	1	1
WEIGHT SINGLE PIECE	11,6 Kg	11,6 Kg	11,6 Kg	11,6 Kg

GENERAL CHARACTERISTICS

MAIN APPLICATION	Municipal Road, Park, Parking, Highway, Road, Street			
NOMINAL LIFETIME	>80.000 hours	>80.000 hours	>80.000 hours	>80.000 hours
SOURCE (LED TYPE)	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED	PHILIPS LUMILED
IP RATE/IK RATE	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08

LIGHTING DATA

COLOR TEMPERATURE	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K	4.000K/ 5.3000K
CRI	> 80	> 80	> 80	> 80
LUMINOUS FLUX	>28.000(4.000K) / >30.000(5.300K)			
LLMF (LUMEN MAINTENANCE)	96% 6.000h, 92% 12.000h, 86% 30.000hv			
RATED BEAM ANGLE	TYPE OPTICS 1S:135x50°	TYPE OPTICS 2M: 138x60°	TYPE OPTICS 3M: 141x65°	TYPE OPTICS 5S: 110x110°

ELECTRICAL DATA

SYSTEM POWER	200 W	200 W	200 W	200 W
START TIME (SECOND)	<0,1 S	<0,1 S	<0,1 S	<0,1 S
WARM-UP TIME TO 60% LIGHT OUTPUT	<0,1 S	<0,1 S	<0,1 S	<0,1 S
DRIVER	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG	MEANWELL HLG
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V	AC 100-240V
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
OUTPUT VOLTAGE	42 V	42 V	42 V	42 V
OUTPUT CURRENT	4,32 A	4,32 A	4,32 A	4,32 A
POWER FACTOR	>0,9	>0,9	>0,9	>0,9
DIMMABLE	YES	YES	YES	YES
WORKING TEMPERATURE	-20°/50° C	-20°/50° C	-20°/50° C	-20°/50° C
HUMIDITY	10-90%	10-90%	10-90%	10-90%

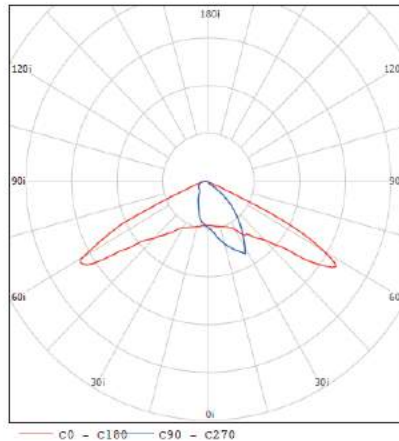
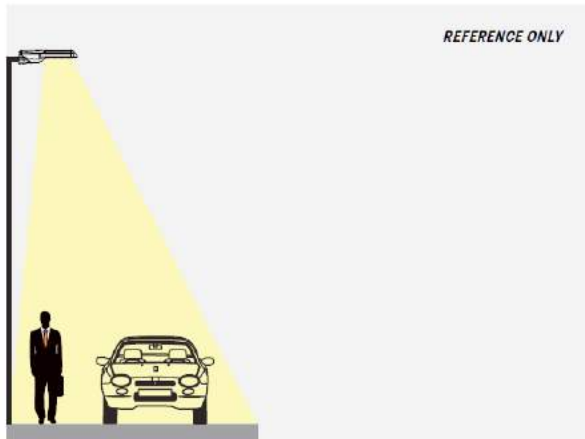
DIMENSION

DIMENSION OF THE PRODUCT	796x316x136 mm	796x316x136 mm	796x316x136 mm	796x316x136 mm
WEIGHT SINGLE PIECE	9,9 Kg	9,9 Kg	9,9 Kg	9,9 Kg
APERTURE DIAMETER	60 mm	60 mm	60 mm	60 mm
MATERIAL	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC	ALLUMINUM/PC

APPROVAL & APPLICATIONS CHARS

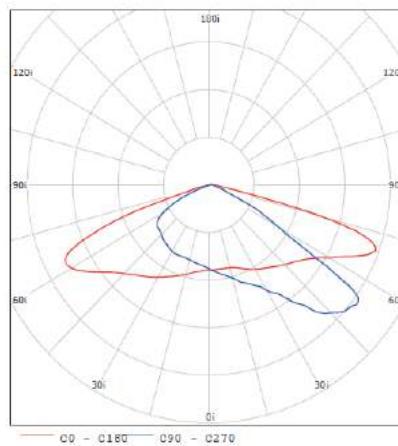
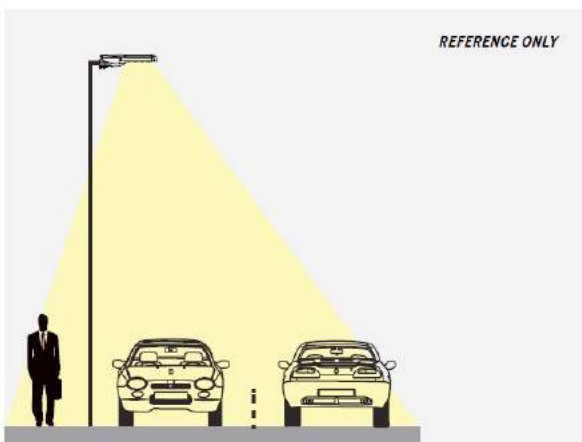
VDE MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
CE MARKING	YES	YES	YES	YES
UL MARKING	IN PROCESS	IN PROCESS	IN PROCESS	IN PROCESS
RoHS COMPLIANCE	YES	YES	YES	YES

STREET LIGHT



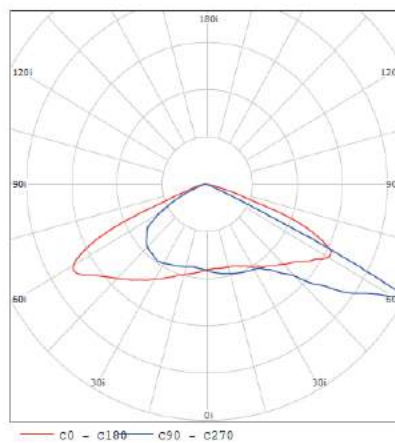
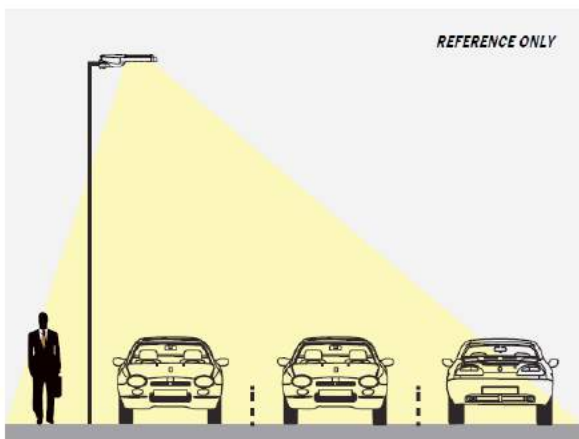
TYPE I (OPTICS 1S), SHORT

- APPLICATION:
- SINGLE DRIVEWAY
 - WALKWAY/CYCLEWAY
 - BRANCH ROADS



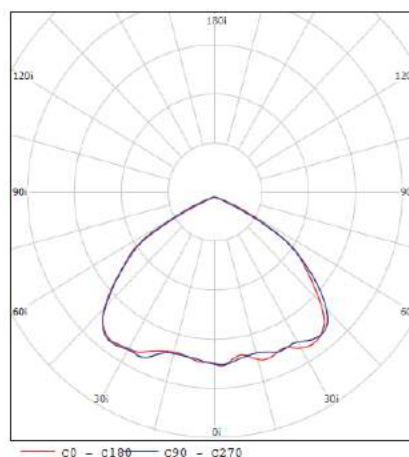
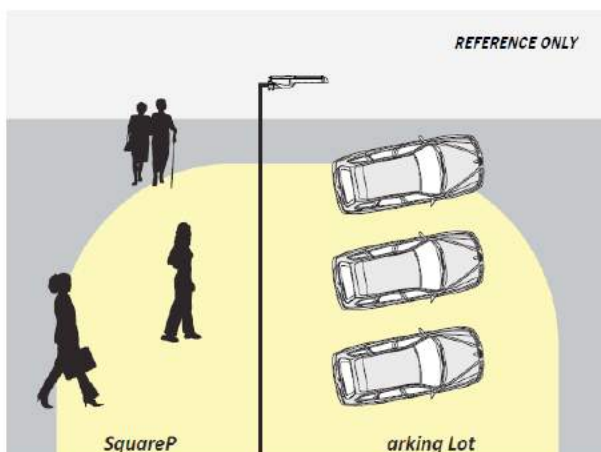
TYPE II (OPTICS 2M), MEDIUM

- APPLICATION:
- TWO DRIVEWAY
 - DRIVEWAY ENTRANCE
 - URBAN MAIN ROADS



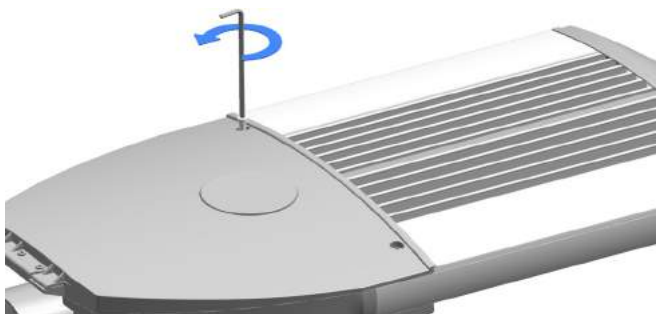
TYPE III (OPTICS 3M), MEDIUM

- APPLICATION:
- THREE DRIVEWAY
 - HIGHWAY
 - PARKING LOT/AREA

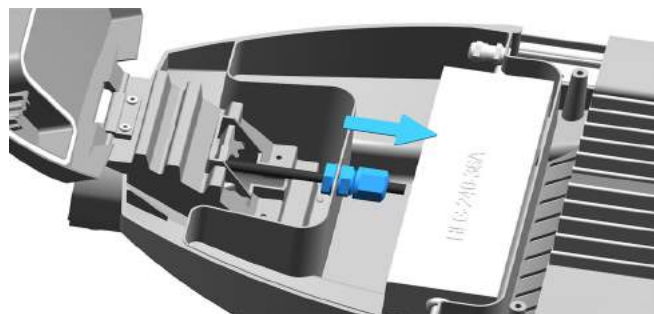


TYPE V (OPTICS 5S), SHORT

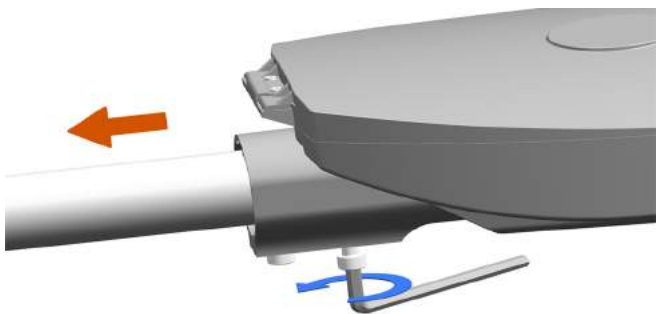
- APPLICATION:
- PARKING LOT
 - SQUARE
 - AREA



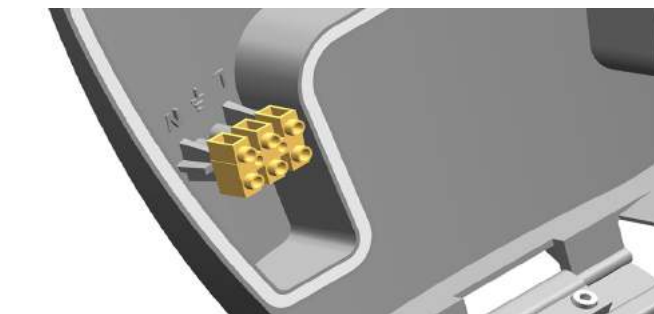
OPEN THE ELECTRICAL BOX BY REMOVE TWO M5 HEXAGON SCREWS.



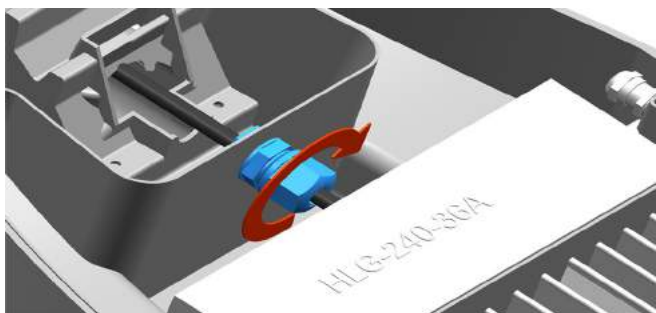
THREAD THE CABLE BY M16 WATERPROOF CONNECTOR, DO NOT TIGHTEN THE CONNECTOR.



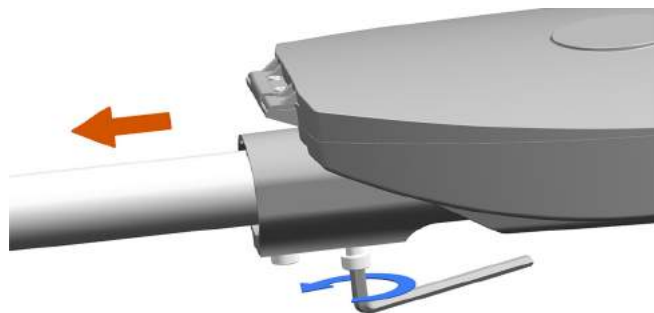
MOUNT THE STREET LIGHT AND ADJUST TO PROPER POSITION, FIX THE TWO M10 SCREWS.



CONNECT THE WIRES TO TERMINAL BLOCK ACCORDANCE WITH L, N AND GND, ON THE COVER OF ELECTRICAL BOX.



TIGHTEN THE WATERPROOF CONNECTOR AFTER CONNECTION FINISHED TO AVOID DAMAGE OF PULL.

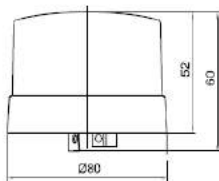


CLOSE THE COVER, TIGHTEN THE M5 HEXAGON SCREWS BOTH SIDES.

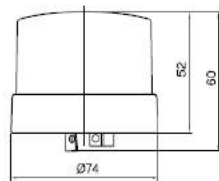
OPTIONALS



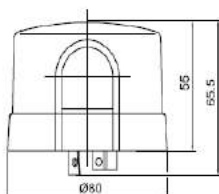
1700900C OPTIC CONTROL - SWITCH ON/OFF BY LUX



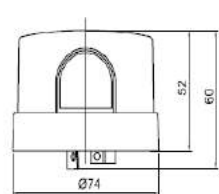
70 MM



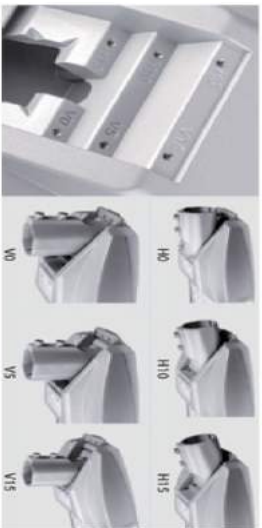
80 MM



70 MM (WINDOW)



80 MM (WINDOW)



FLEXIBLE INSTALLATION

Innovative pole fitter not only with the horizontal and vertical installation features, also has 0-15° adjustable function for each installation direction



A good solution of complete laminating back design can keep the air ventilation function and avoid lacerate



Utilize waterproof connector for output and input cable fixing, avoid damage of hard power pulling



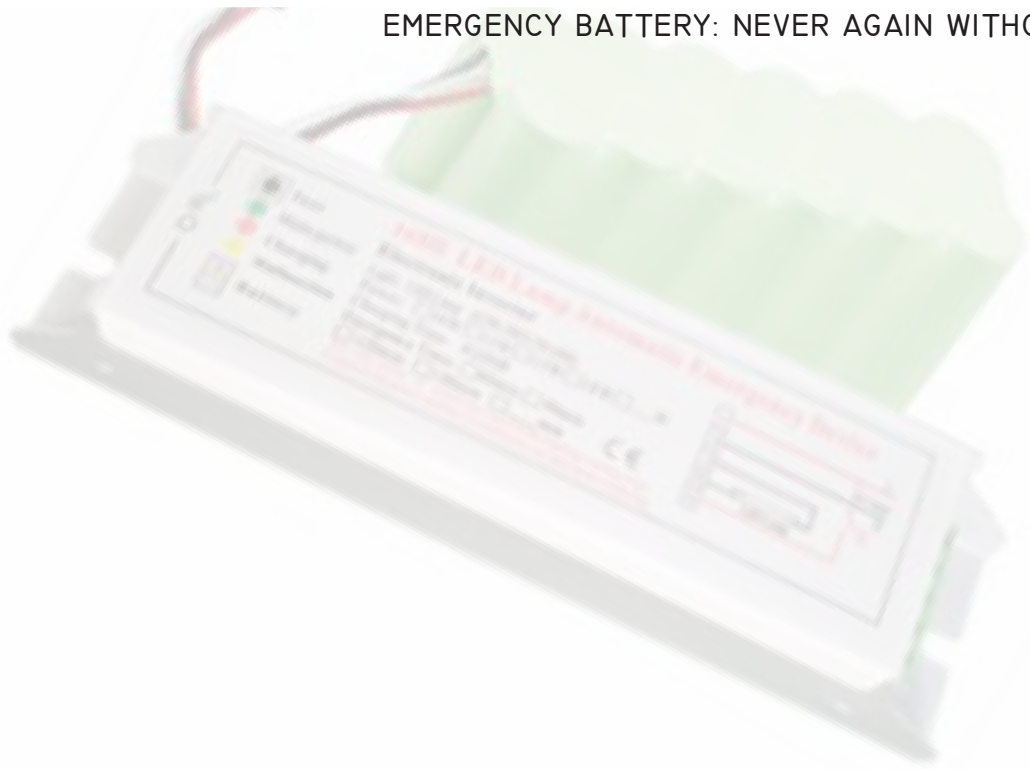
Whole luminaire utilize the stainless steel screws, no corrosion worries

Professional lens design, better performance for street lighting



EMERGENCY BATTERY

EMERGENCY BATTERY: NEVER AGAIN WITHOUT LIGHT!



EMERGENCY BATTERY 168H

RL EMERGENCY KITS

These emergency kit are compatible with our LED Tubes, our Downlights (both SMD HP and C.O.B.) and with our LED panels; they ensure the normal functioning (100% or 50% of power) in case of a blackout. We recommend you to discharge the battery once every 6 months with the supplied button and remember to check constantly the battery durability.



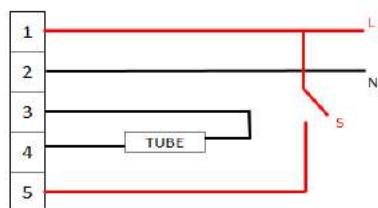
I KIT DI INVERTER + BATTERIA DI EMERGENZA

Questi kit di emergenza sono compatibili con i nostri tubi LED, con le downlights (sia SMD HP che C.O.B.) e con i pannelli LED; garantiscono il normale funzionamento (al 100% o al 50% della potenza) in caso di blackout. Consigliamo di scaricare la batteria una volta ogni 6 mesi con il pulsante in dotazione e ricordiamo di controllare costantemente la tenuta della batteria.

DIE WECHSELRICHTER-KITS + BATTERIE VON NOTFALL-AKKUMULATOR

Garantieren den richtigen Mechanismen im Falle eines Stromausfalls (100% oder 50% der Leistung). Sie sind kompatibel mit unseren LED Röhren, LED Einbauleuchten SMD HP, LED-Einbauleuchten C.O.B. und mit den LED-Panels. Wir empfehlen den Akku einmal alle 6 Monate mit der entsprechenden Schaltfläche in der Ausrüstung zu entladen und den Nachlass der Batterie zu überprüfen.

CONNECTION DIAGRAM - 168H (LED TUBE)



TECHNICAL DATA

ARTICLE NUMBER	100500E	100501E
NAME OF PRODUCT	Emergency Battery + Inverter 168H 2.000mAh	Emergency Battery + Inverter 168H 4.500mAh
INPUT VOLTAGE	AC100-260V 50/60Hz	AC100-260V 50/60Hz
OUTPUT VOLTAGE	DC 200V	DC 200V
POWER OUTPUT	<20 W	<20 W
BATTERY	12 V	12 V
CHARGING CURRENT	100 mA	100 mA
CHARGING TIME	<24 hr for Battery <12V 2.000 mAh	<24 hr for Battery <12V 4.500 mAh
CHARGING VOLTAGE	< 15V	< 15V
DISCHARGE VOLTAGE	10 V	10 V
INDICATORS	Green- AC Input/ Red- Charging/ Yellow- Malfunction	Green- AC Input/ Red- Charging/ Yellow- Malfunction
WORKING TEMPERATURE	-20°/50° C	-20°/50° C
WORKING HUMIDITY	45-85 RH	45-85 RH
APPLICATION	TUBE	TUBE
POWER	8 W	18 W/2
DURATION	2 HOURS	2 HOURS
INVERTER	168H-12V	168H-12V
BATTERY (Mi-NH)	2.000 mAh	4.500 mAh
DIMENSION INVERTER (mm)	168x38x28/168x38x28	168x38x28/168x38x28
DIMENSION BATTERY (mm)	180x30x30/290x30x30	180x30x30/290x30x30

EMERGENCY BATTERY I68A/I68T

RL EMERGENCY KITS

These emergency kit are compatible with our LED Tubes, our Downlights (both SMD HP and C.O.B.) and with our LED panels; they ensure the normal functioning (100% or 50% of power) in case of a blackout. We recommend you to discharge the battery once every 6 months with the supplied button and remember to check constantly the battery durability.



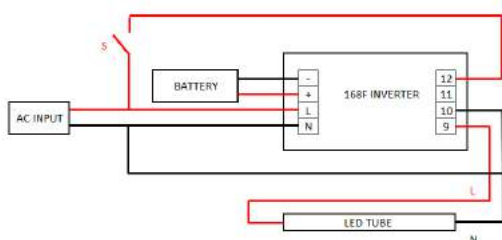
I KIT DI INVERTER + BATTERIA DI EMERGENZA

Questi kit di emergenza sono compatibili con i nostri tubi LED, con le downlights (sia SMD HP che C.O.B.) e con i pannelli LED; garantiscono il normale funzionamento (al 100% o al 50% della potenza) in caso di blackout. Consigliamo di scaricare la batteria una volta ogni 6 mesi con il pulsante in dotazione e ricordiamo di controllare costantemente la tenuta della batteria.

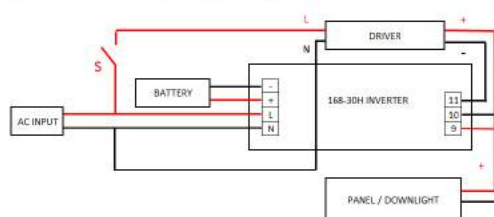
DIE WECHSELRICHTER-KITS + BATTERIE VON NOTFALL-AKKUMULATOR

Garantieren den richtigen Mechanismen im Falle eines Stromausfalls (100% oder 50% der Leistung). Sie sind kompatibel mit unseren LED Röhren, LED Einbauleuchten SMD HP, LED-Einbauleuchten C.O.B. und mit den LED-Panels. Wir empfehlen den Akku einmal alle 6 Monate mit der entsprechenden Schaltfläche in der Ausrüstung zu entladen und den Nachlass der Batterie zu überprüfen.

CONNECTION DIAGRAM - 168F (LED TUBE)



CONNECTION DIAGRAM - 168-30H (LED PANEL/DOWNLIGHT)



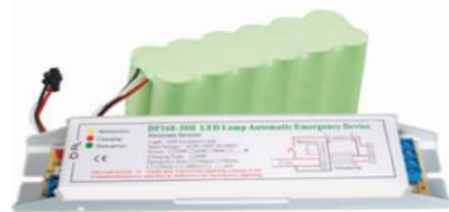
TECHNICAL DATA

ARTICLE NUMBER	100502E	100503E
NAME OF PRODUCT	Emergency Battery + Inverter 168A 5.500mAh	Emergency Battery + Inverter 168T 2.500mAh
INPUT VOLTAGE	AC100-260V 50/60Hz	AC100-260V 50/60Hz
OUTPUT VOLTAGE	DC 240V	DC 18-60V
POWER OUTPUT	<30 W	<30 W
BATTERY	12 V	7,2 V
CHARGING CURRENT	10-200 mA	200 mA
CHARGING TIME	<24 hr for Battery <12V 2.000 mAh >24 hr for Battery > 12V 2.800 mAh	<24 hr for Battery <12V 2.000 mAh >24 hr for Battery > 12V 2.000 mAh
CHARGING VOLTAGE	< 15V	< 15V
DISCHARGE VOLTAGE	10 V	10 V
INDICATORS	Green- AC Input/ Red- Charging/ Yellow- Malfunction	Green- AC Input/ Red- Charging/ Yellow- Malfunction
WORKING TEMPERATURE	-20°/50° C	-20°/50° C
WORKING HUMIDITY	45-85 RH	45-85 RH
APPLICATION	TUBE	DOWNLIGHT/PANEL (50% OUTPUT)
POWER	22 W	15 W/2
DURATION	2 HOURS	2 HOURS
INVERTER	168A-12V	168T-7,2V
BATTERY (Mi-NH)	5.500 mAh	2.500 mAh
DIMENSION INVERTER (mm)	202x38x28	260x60x60
DIMENSION BATTERY (mm)	520x31x31	260x60x60

EMERGENCY BATTERY 168-30H

RL EMERGENCY KITS

These emergency kit are compatible with our LED Tubes, our Downlights (both SMD HP and C.O.B.) and with our LED panels; they ensure the normal functioning (100% or 50% of power) in case of a blackout. We recommend you to discharge the battery once every 6 months with the supplied button and remember to check constantly the battery durability.



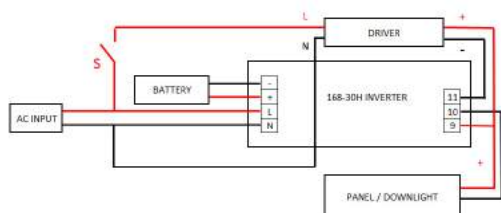
I KIT DI INVERTER + BATTERIA DI EMERGENZA

Questi kit di emergenza sono compatibili con i nostri tubi LED, con le downlights (sia SMD HP che C.O.B.) e con i pannelli LED; garantiscono il normale funzionamento (al 100% o al 50% della potenza) in caso di blackout. Consigliamo di scaricare la batteria una volta ogni 6 mesi con il pulsante in dotazione e ricordiamo di controllare costantemente la tenuta della batteria.

DIE WECHSELRICHTER-KITS + BATTERIE VON NOTFALL-AKKUMULATOR

Garantieren den richtigen Mechanismen im Falle eines Stromausfalls (100% oder 50% der Leistung). Sie sind kompatibel mit unseren LED Röhren, LED Einbauleuchten SMD HP, LED-Einbauleuchten C.O.B. und mit den LED-Panels. Wir empfehlen den Akku einmal alle 6 Monate mit der entsprechenden Schaltfläche in der Ausrüstung zu entladen und den Nachlass der Batterie zu überprüfen.

CONNECTION DIAGRAM - 168-30H (LED PANEL/DOWNLIGHT)



TECHNICAL DATA

ARTICLE NUMBER	100504E	100505E	100506E	100507E
NAME OF PRODUCT	168-30H 3.500mAh	168-30H 3.000mAh	168-30H 3.500mAh	168-30H 4.500mAh
INPUT VOLTAGE	AC 100-260V 50/60Hz			
OUTPUT VOLTAGE	DC 20-70V	DC 20-70V	DC 20-70V	DC 20-70V
POWER OUTPUT	<25 W	<50-100W	<50-100W	<50-100W
BATTERY	7,2V	12V	12V	12V
CHARGING CURRENT	200 mA	200 mA	200 mA	200 mA
CHARGING TIME	>24 hr for battery >3.000 mAh	>24 hr for battery >3.000 mAh	>24 hr for battery >3.000 mAh	>24 hr for battery >3.000 mAh
CHARGING VOLTAGE	<15V	<15V	<15V	<15V
DISCHARGE VOLTAGE	10V	10V	10V	10V
INDICATORS	Green- AC Input/ Red-Charging Yellow- Malfunction			
WORKING TEMPERATURE	-20°/50°C	-20°/50°C	-20°/50°C	-20°/50°C
WORKING HUMIDITY	45-85 RH	45-85 RH	45-85 RH	45-85 RH

APPLICATION

	DOWNLIGHT/PANEL (50% OUTPUT)			
POWER	15W/2	25W/2-15W	40W/2	50W/2
DURATION	2 HOURS	2 HOURS	2 HOURS	2 HOURS
INVERTER	168-30H 12V	168-30H 12V	168-30H 12V	168-30H 12V
BATTERY (Mi-NH)	3.500 mAh	3000 mAh	3.500 mAh	4.500 mAh
DIMENSION INVERTER (mm)	330x75x75	390x60x60	390x60x60	440x75x75
DIMENSION BATTERY (mm)	330x75x75	390x60x60	390x60x60	440x75x75

RL NEL MONDO

RL WORLDWIDE OFFICE

RL IN DER WELT



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Le informazioni hanno unicamente valore indicativo. Il nostro obiettivo è il perfezionamento costante della qualità e le caratteristiche dei nostri prodotti potrebbero essere modificate senza preavviso. I prodotti possono avere caratteristiche diverse a seconda dei paesi.

Die Informationen sind nur Richtwerte. Unser Ziel ist die kontinuierliche Verbesserung der Qualität. Die Produkteigenschaften können ohne Ankündigung modifiziert werden. Die Produkteigenschaften können je nach Land unterschiedlich sein.



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Expert in LED

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