

DOWNLIGHT SMD

RL DOWNLIGHT SMD: THE NEW DIMENSION OF LIGHT!



DOWNLIGHT SMD 7W

RL DOWNLIGHTS SMD: THE LED AVAILABLE FOR EVERYONE

The 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.

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

Gli incassi a LED 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.

LED EINBAULEUCHTE SMD RL:

DIE LED, DIE SICH ALLE LEISTEN KÖNNEN

LED Einbauleuchten 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.



TECHNICAL DATA

ARTICLE NUMBER	130000W-XDT	130000N-XDT	130000C-XDT
NAME OF PRODUCT	DOWNLIGHT SMD 7W		
INNER CARTON	1	1	1
MASTER CARTON	50	50	50
WEIGHT SINGLE PIECE	0,09 Kg	0,09 Kg	0,09 Kg

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	6.000K
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	350 mA	350 mA	350 mA
POWER FACTOR	> 0,90	> 0,90	> 0,90
DIMMABLE	Dimmable Triac	Dimmable Triac	Dimmable Triac
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

COLORS

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

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



DOWNLIGHT SMD 13W

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

Gli incassi a LED 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.

LED EINBAULEUCHTE SMD HP RL:

DIE LED, DIE SICH ALLE LEISTEN KÖNNEN

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TECHNICAL DATA

ARTICLE NUMBER	130001W-XDT	130001N-XDT	130001C-XDT
NAME OF PRODUCT	DOWNLIGHT SMD 13W		
INNER CARTON	1	1	1
MASTER CARTON	36	36	36
WEIGHT SINGLE PIECE	0,4 Kg	0,4 Kg	0,4 Kg

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	6.000K
CRI	>80	>80	>80
LUMINOUS FLUX	>1.300 Lm	> 1.400 Lm	> 1.500 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	13W	13W	13W
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	350 mA	350 mA	350 mA
POWER FACTOR	> 0,90	> 0,90	> 0,90
DIMMABLE	Dimmable Triac	Dimmable Triac	Dimmable Triac
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	D110xH54 mm	D110xH54 mm	D110xH54 mm
CUTOUT	90-95 mm	90-95 mm	90-95 mm

COLORS

COLOR OF THE PRODUCT	X= B BLACK	X=W WHITE

APPROVAL & APPLICATIONS CHARS

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

DOWNLIGHT SMD 18W

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

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TECHNICAL DATA

ARTICLE NUMBER	130002W-XDT	130002N-XDT	130002C-XDT
NAME OF PRODUCT	DOWNLIGHT SMD 18W		
INNER CARTON	1	1	1
MASTER CARTON	12	12	12
WEIGHT SINGLE PIECE	0,4 Kg	0,4 Kg	0,4 Kg

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	6.000K
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	18W	18W
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	500 mA	500 mA	500 mA
POWER FACTOR	> 0,90	> 0,90	> 0,90
DIMMABLE	Dimmable Triac	Dimmable Triac	Dimmable Triac
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

COLORS

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

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



DOWNLIGHT SMD 25W

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

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TECHNICAL DATA

ARTICLE NUMBER	130003W-XDT	130003N-XDT	130003C-XDT
NAME OF PRODUCT	DOWNLIGHT SMD 25W		
INNER CARTON	1	1	1
MASTER CARTON	12	12	12
WEIGHT SINGLE PIECE	0,64 Kg	0,64 Kg	0,64 Kg

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	6.000K
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	25W	25W
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	750 mA	750 mA	750 mA
POWER FACTOR	> 0,90	> 0,90	> 0,90
DIMMABLE	Dimmable Triac	Dimmable Triac	Dimmable Triac
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	160-170 mm	160-170 mm	160-170 mm

COLORS

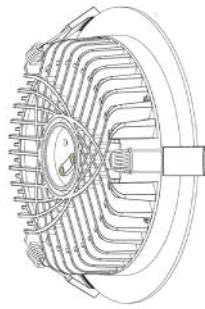
COLOR OF THE PRODUCT	X= B BLACK	X=W WHITE

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

