

Entry /ECO

Standard /STD

Professional/PRO

ODM & OEM

Intelligent/INT

STD
Specifications

LED Linear
DB66D Series



Introduction

The DB66D is a new linkable design light. Adopt high lumen efficiency SMD LED with even light output, aluminum light body providing excellent thermal management. Pendant with steel rope, pendant with round ceiling plate, surface mounted, wall mounted, recessed and track installation are all available. With Corner/ Cross/ Straight/ T shaped connectors for multiple shape design.

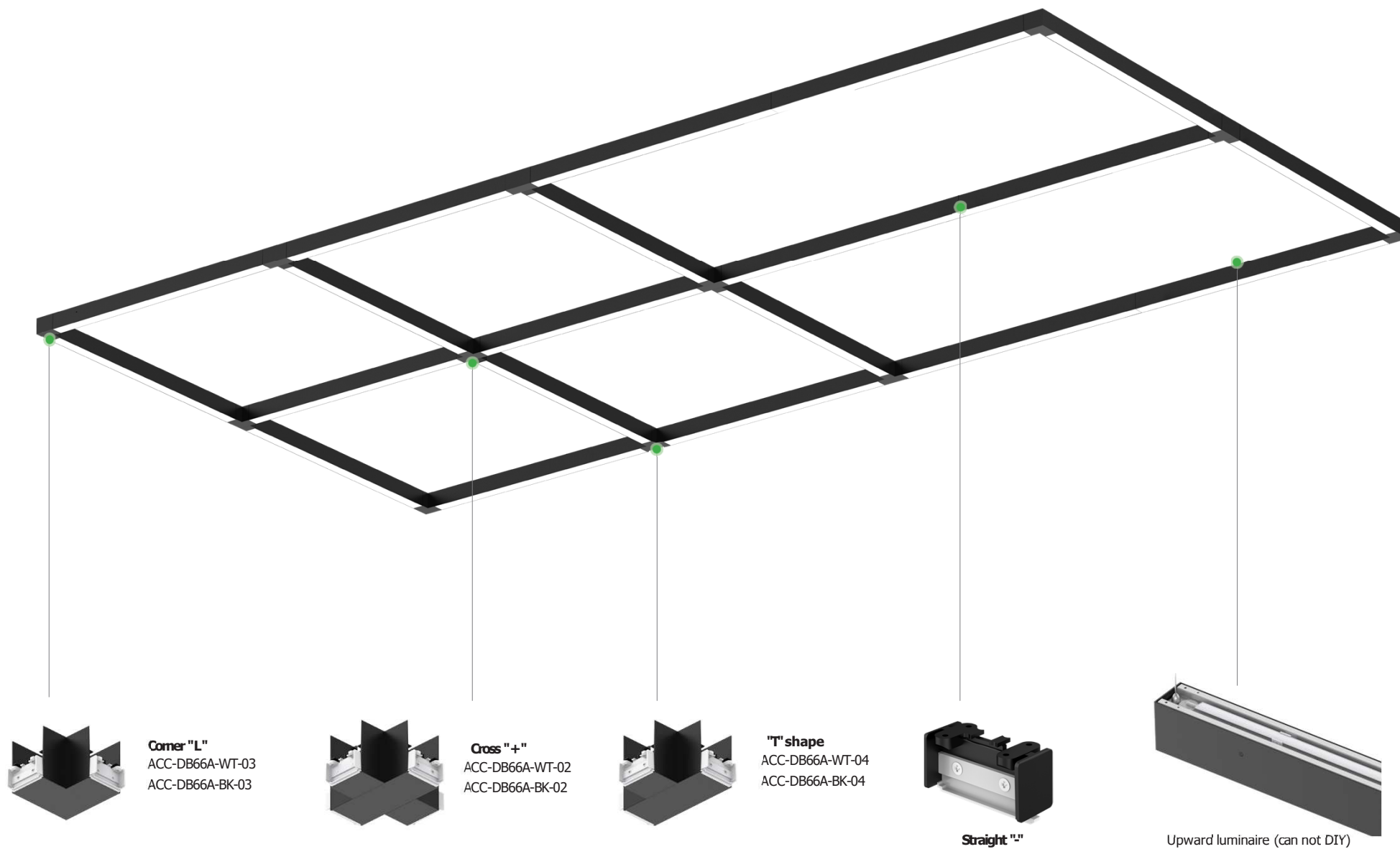
Features

- Multiple installation: Pendant/surface mounted/wall mounted/recessed/Track.
- High lumen efficiency, 140lm/w.
- Anti-glare design, UGR<19.
- DALI, 1-10V dimming for options.
- Direct and indirect for wall mount and pendant installation.
- With Corner/ Cross/ Straight/ T shaped connectors for multiple shape design

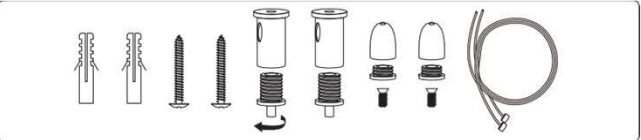
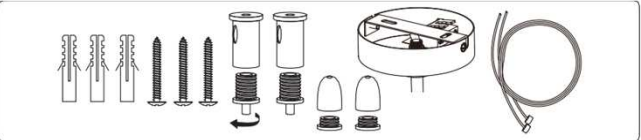
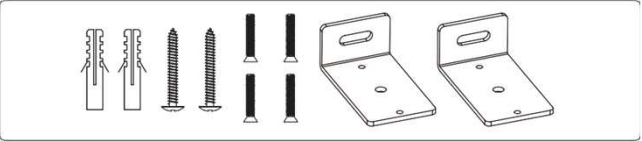
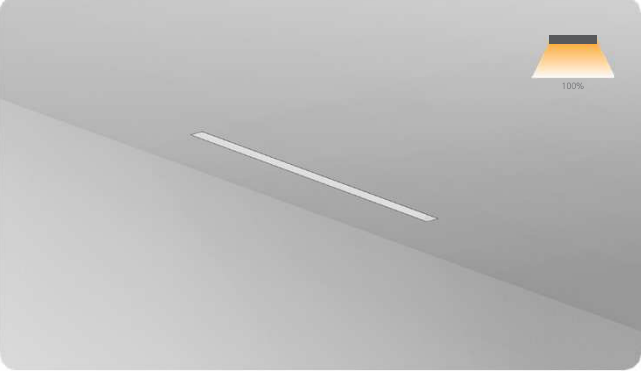
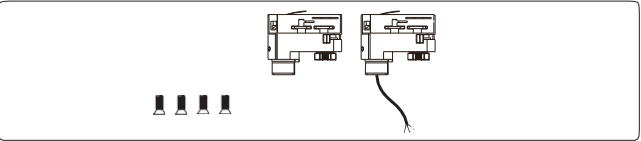
Application Areas

It is mainly used for traditional suspended installation such as workshop, utility rooms, garages and more.





Accessory

Surface Mounted	Suspended without ceiling plate	Suspended with ceiling plate
 Accessory included 	 	 ON/OFF Version: ACC-DB66-WT/BK-0200 DALI/1-10V Version: ACC-DB66-WT/BK-DA/D0-0200 
Wall Mounted	Recessed	Track
 	 ACC-DB66-WT/BK-0300 	 ON/OFF Version: ACC-DB66-WT/BK-0500 DALI/1-10V Version: ACC-DB66-WT/BK-DA/D0-0500 

Total load wattage		28W	35W	40W	49W
Output	Output Voltage range	24-42V	24-42V	24-38V	24-40V
	Rated output current	700mA	900mA	1050mA	1300mA
	Line Regulation	±5%			
	Setup, Rise Time	<0.5S@230V			
	Flickering Index	0.21%	0.45%	0.31%	0.24%
Input	Input Voltage	AC180-264V			
	Rated Input Voltage(V)	AC200-240V			
	Frequency	50/60HZ			
	Input Current	≤0.18A	≤0.22A	≤0.25A	≤0.31A
	Rated Input Current	≤0.16A	≤0.20A	≤0.23A	≤0.28A
	Power Factor	0.9			
	THD	10% @230V			
	Efficiency	≥86%	≥87%	≥87%	≥87%
	No load wattage	<0.5W			
Protection	Short circuit protection	PASS			
	Over voltage protection	PASS			
	Over temperature protection	PASS			
Safety & EMC	Withstand voltage	I/P-O/P:3750VAC,I/P-FG:1500VAC			
	Isolation Resistance	500VDC, ≥2 M Ω			
	Surge	IEC/EN61000-4-5 (P≥25W L-N:1KV, L/N-PE:2KV)			
	EMC Emission	EN55015, EN61000-3-2			
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547			

Driver Datasheet(DALI Dimmable)

Total load wattage		28W	35W	40W	49W
Output	Output Voltage range	6-42V	6-42V	6-38V	6-38V
	Rated output current	700mA	900mA	1050mA	1300mA
	Line Regulation	±5%			
	Setup, Rise Time	<0.6S@230V			
Input	Flickering Index	0.42%	0.28%	0.36%	0.26%
	Input Voltage	AC180-264V			
	Rated Input Voltage(V)	AC200-240V			
	Frequency	50/60HZ			
	Input Current	≤0.18A	≤0.22A	≤0.25A	≤0.31A
	Rated Input Current	≤0.16A	≤0.20A	≤0.23A	≤0.28A
	Power Factor	0.9			
	THD	<10% @230V			
Protection	Efficiency	≥85%	≥86%	≥86%	≥87%
	No load wattage	<0.5W			
	Short circuit protection	PASS			
	Over voltage protection	PASS			
Safety & EMC	Over temperature protection	PASS			
	Withstand voltage	I/P-O/P:3750VAC,I/P-FG:1500VAC			
	Isolation Resistance	500VDC, ≥2 M. Ω			
	Surge	IEC/EN61000-4-5 (P≥25W L-N:1KV, L/N-PE:2KV)			
	EMC Emission	EN55015, EN61000-3-2			
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547			

Installation Instruction

WARNING

- 1.Switch off before installation.
- 2.Switch on only after complete installation and examination of the circuit.
- 3.Professional electrician for installation and maintenance only.



Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

Surface mounted installation

1

2

3

4-1

4-2

5

COMPLETE

Standard

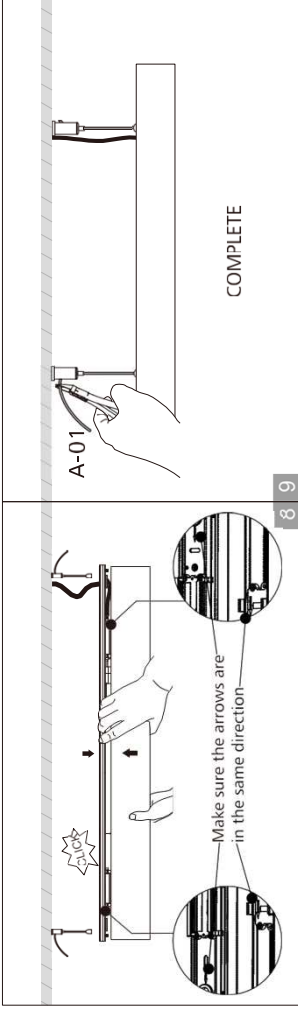
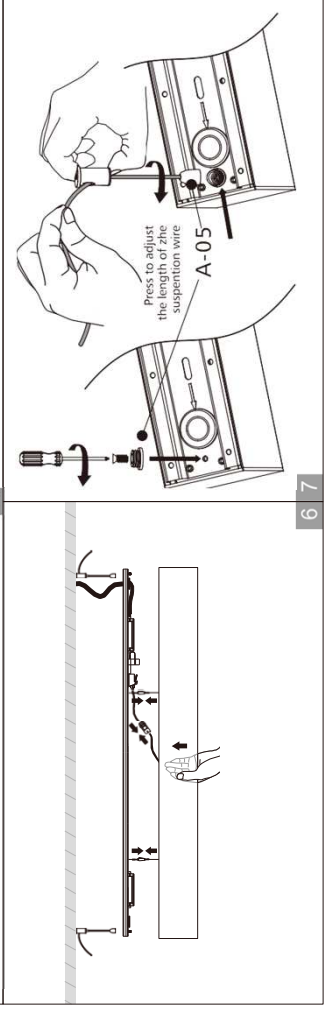
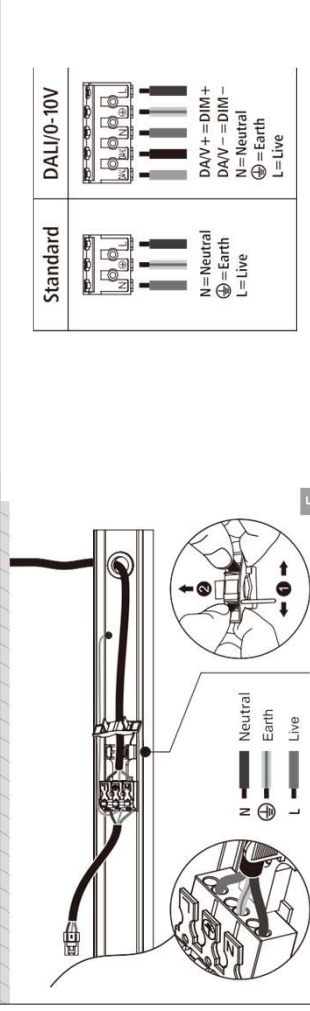
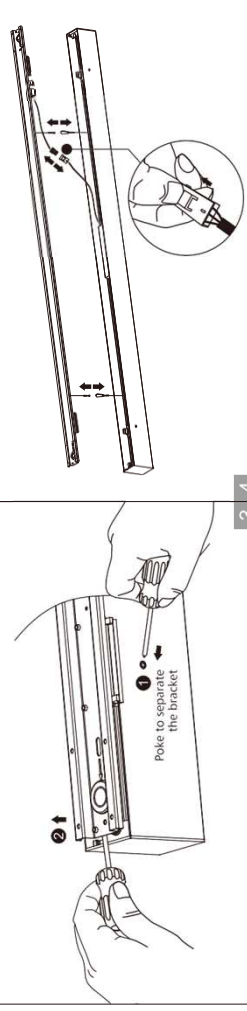
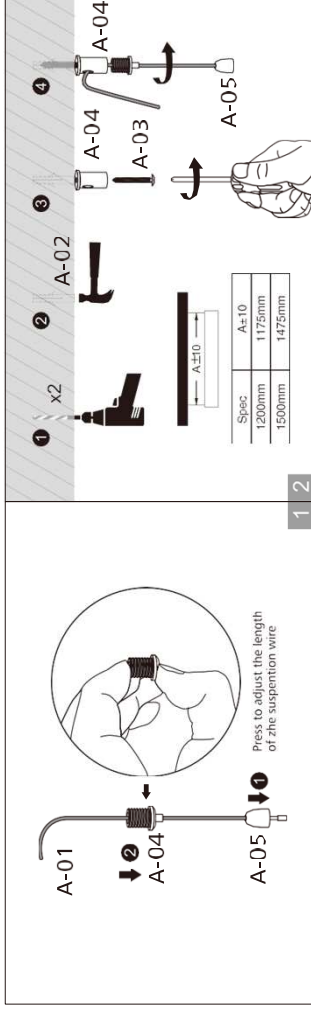
DALI/0-10V

N = Neutral
⊕ = Earth
L = Live

DA/V+ = DIM+
DA/V- = DIM-
N = Neutral
⊕ = Earth
L = Live

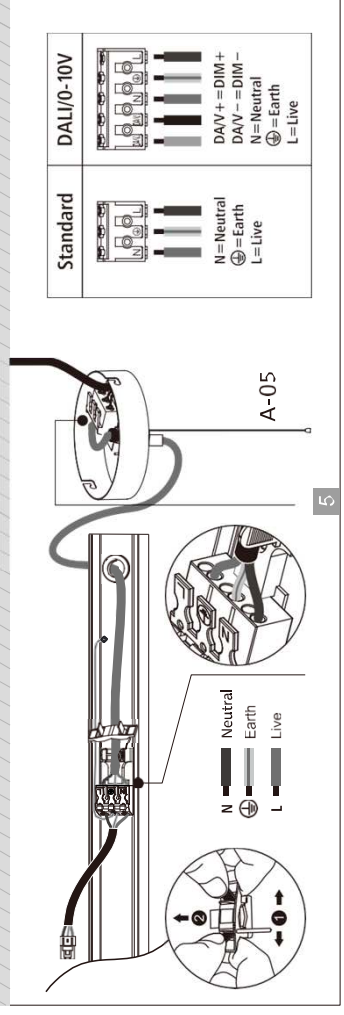
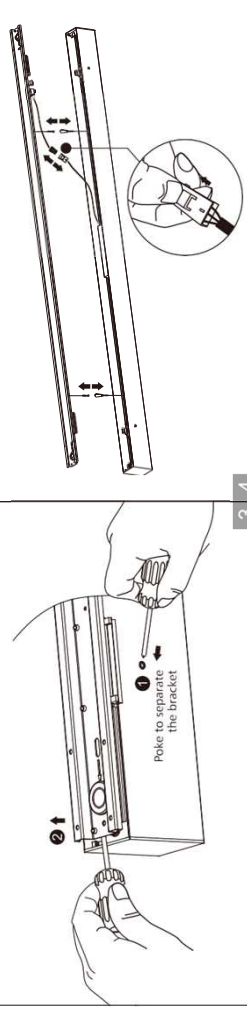
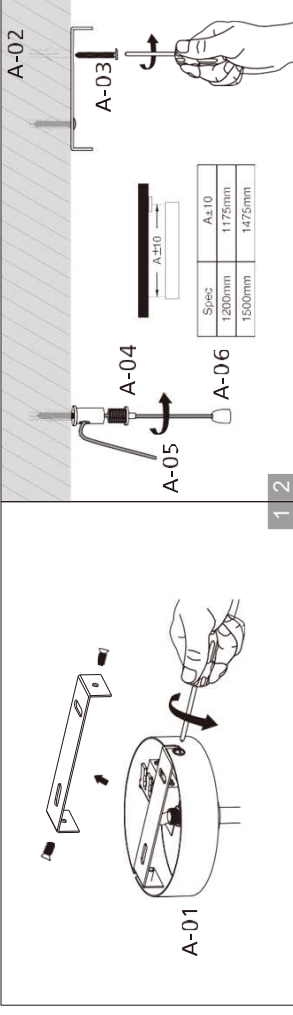
Suspended installation (Without round ceiling plate)

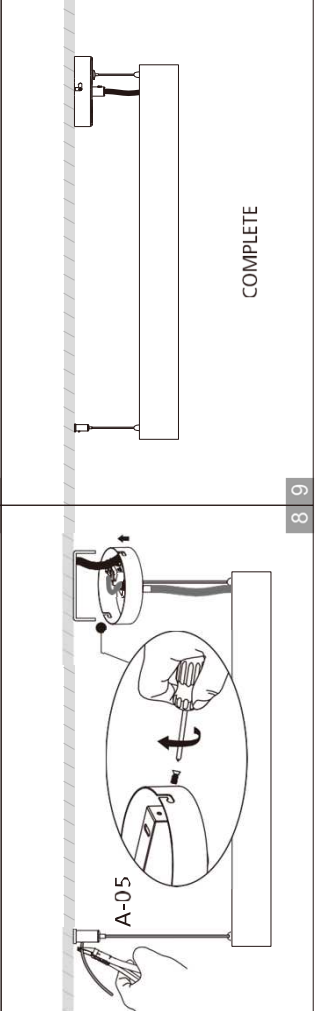
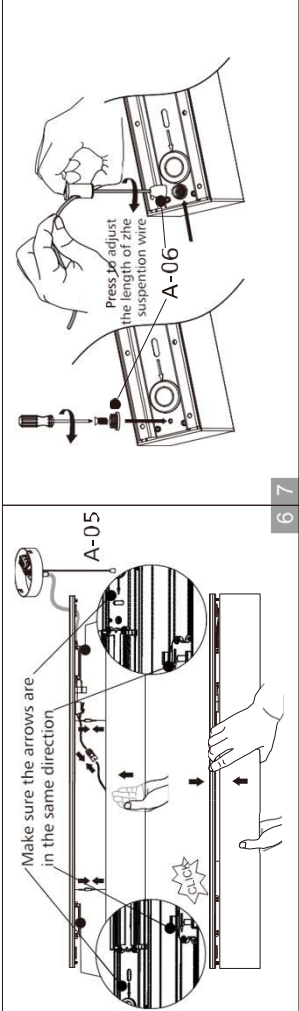
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ACC	x2	x2	x2	x2	x2



Suspended installation (With round ceiling plate)

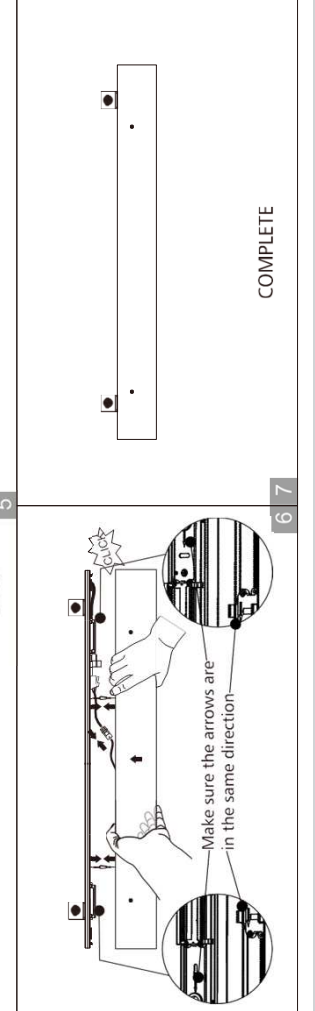
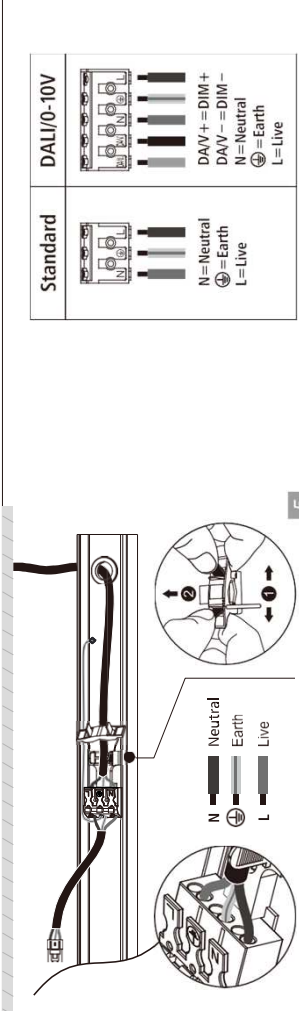
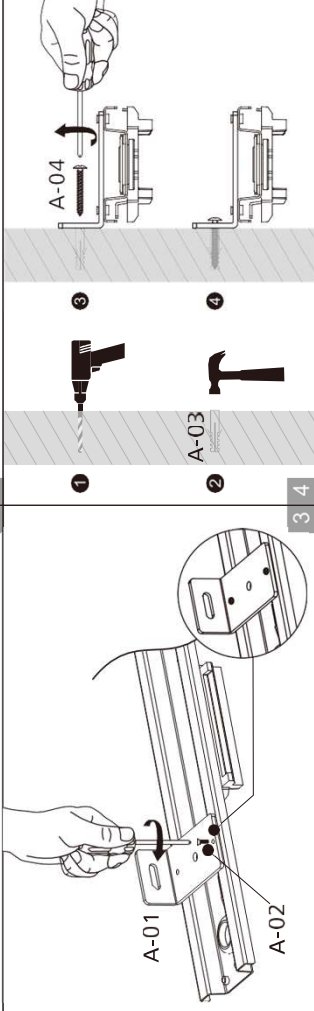
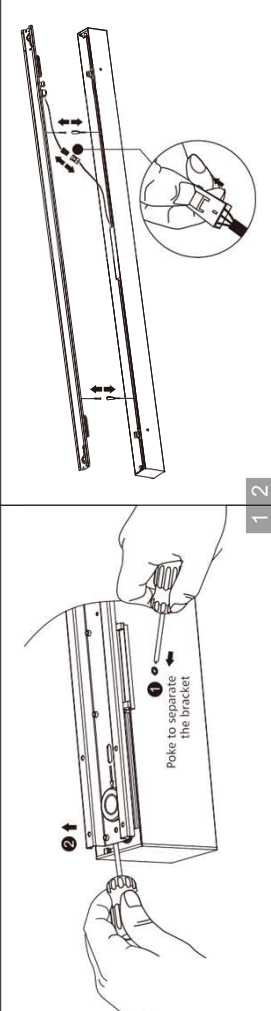
Code	A-01	A-02	A-03	A-04	A-05	A-06
ACC	x1	x3	x3	x2	x2	x2





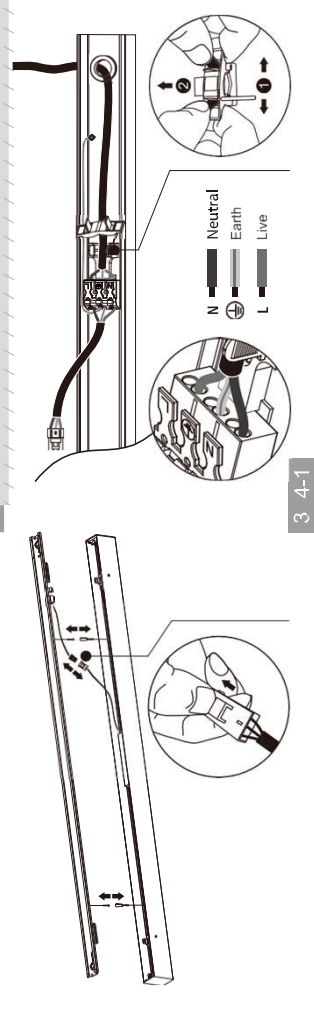
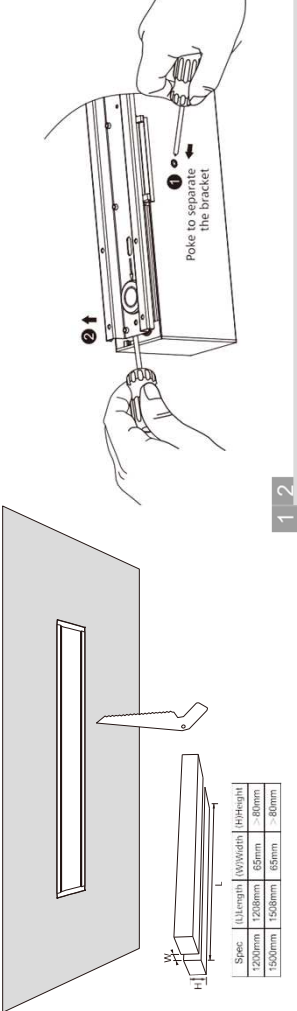
Wall mounted installation

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ACC	x2	x4	x2	x2

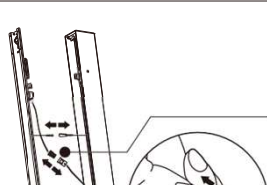
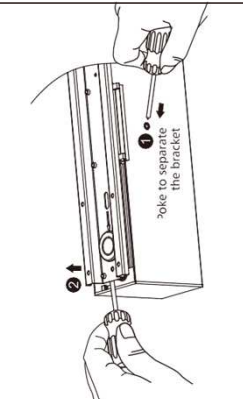


Recessed installation

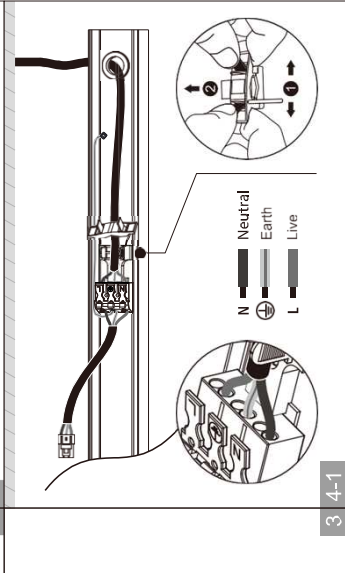
Code	A-01	A-02	A-03	A-04
ACC	x2	x2	x4	x4



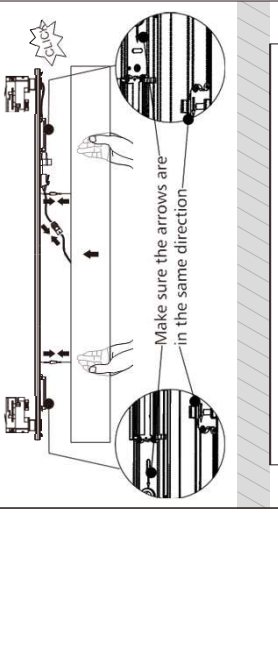
Track installation



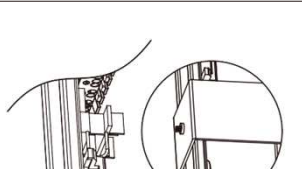
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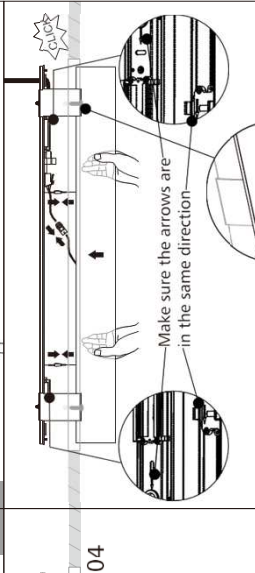
3 4-1



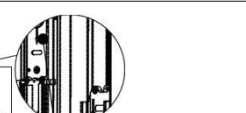
4-2	5	COMPLETE
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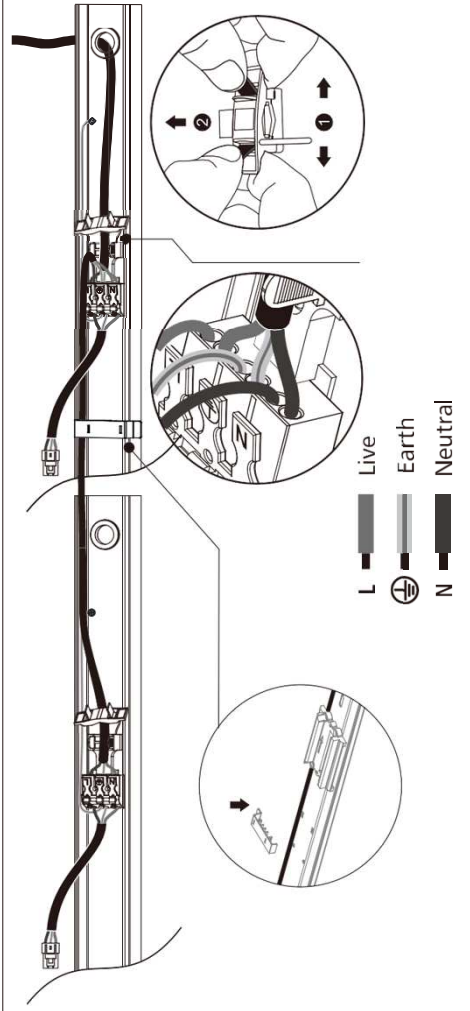
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67



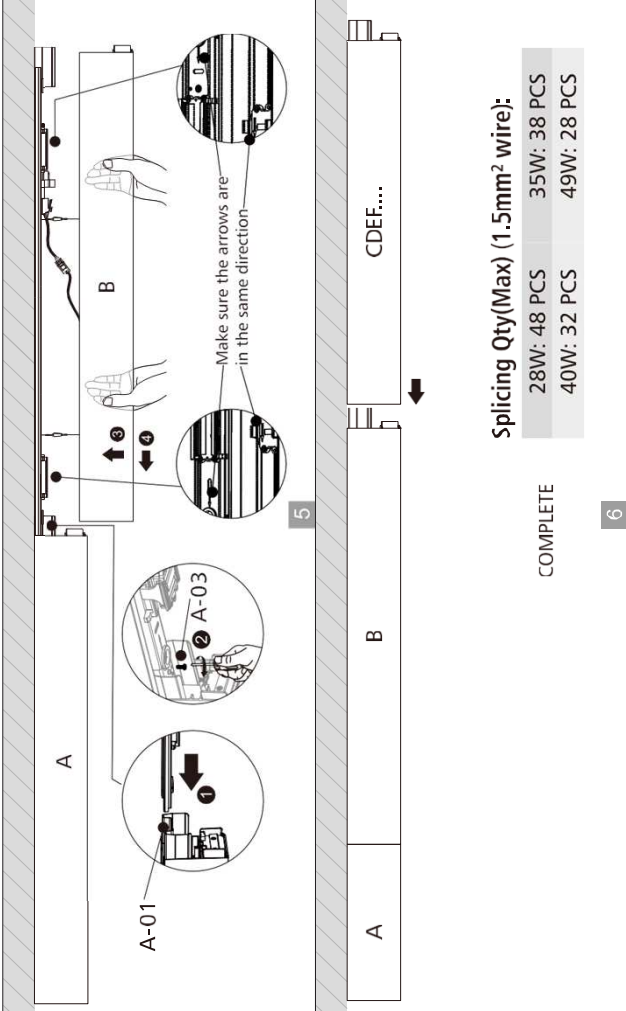
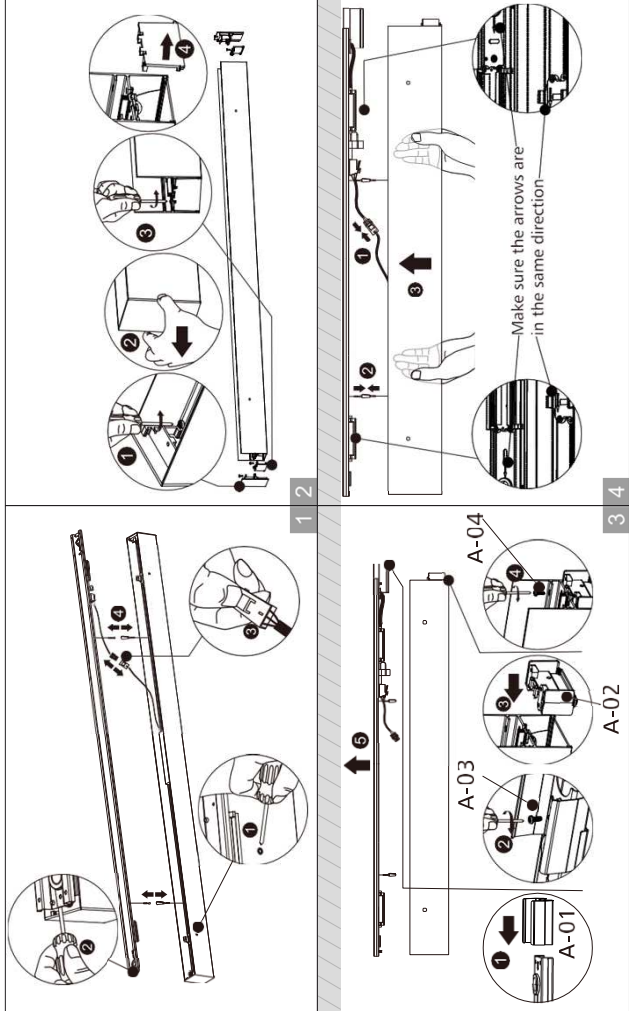
■ Wiring for splicing (not applicable for track installation)



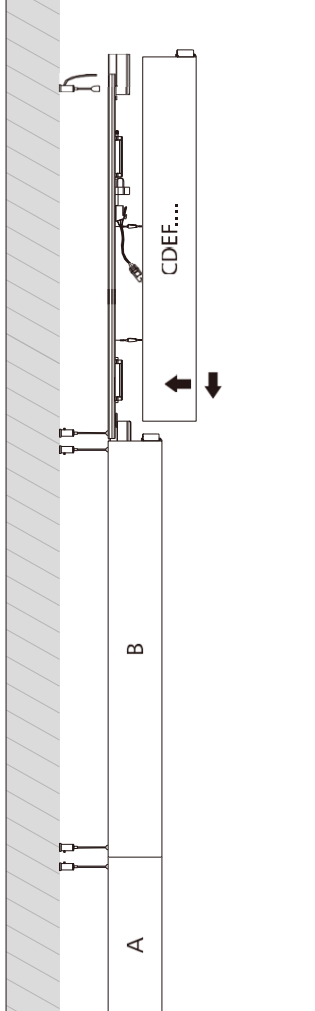
■ Universal accessories for splicing

Code	A-01	A-02	A-03	A-04	
ACC	x1	x1	x4	x4	

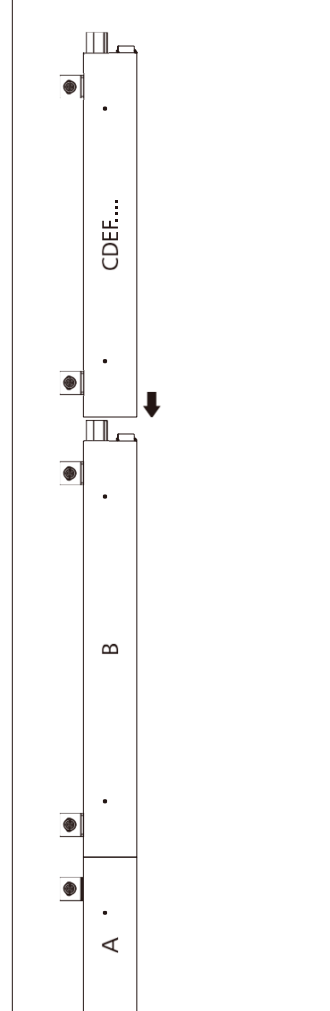
■ Surface mounted splicing installation



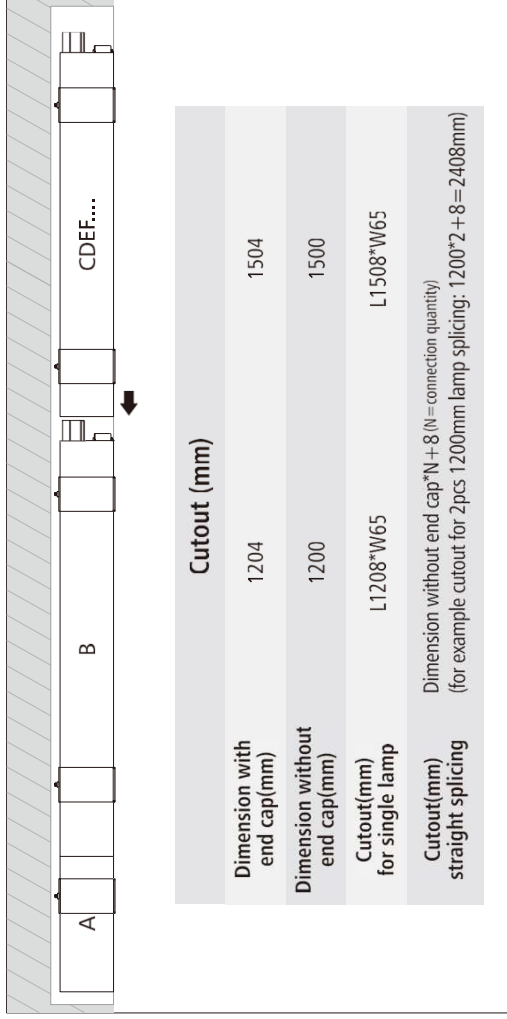
■ Suspended splicing installation



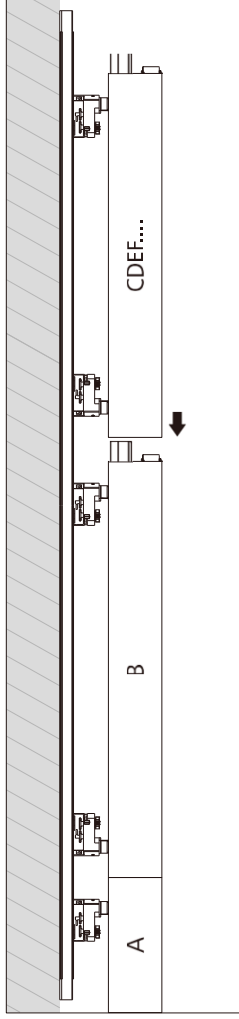
■ Wall mounted splicing installation



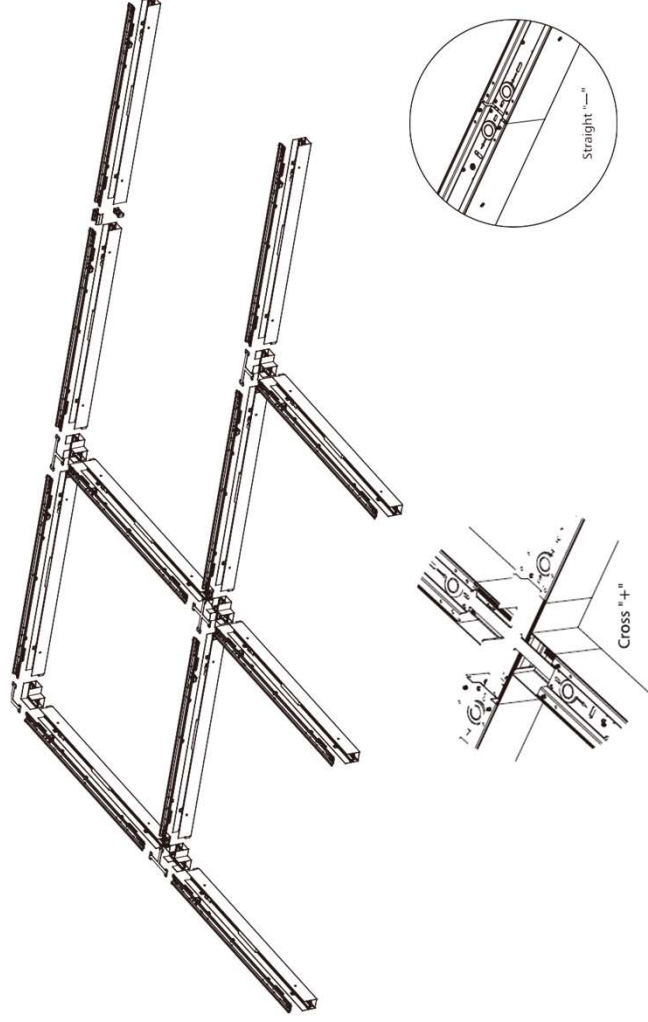
Recessed splicing installation

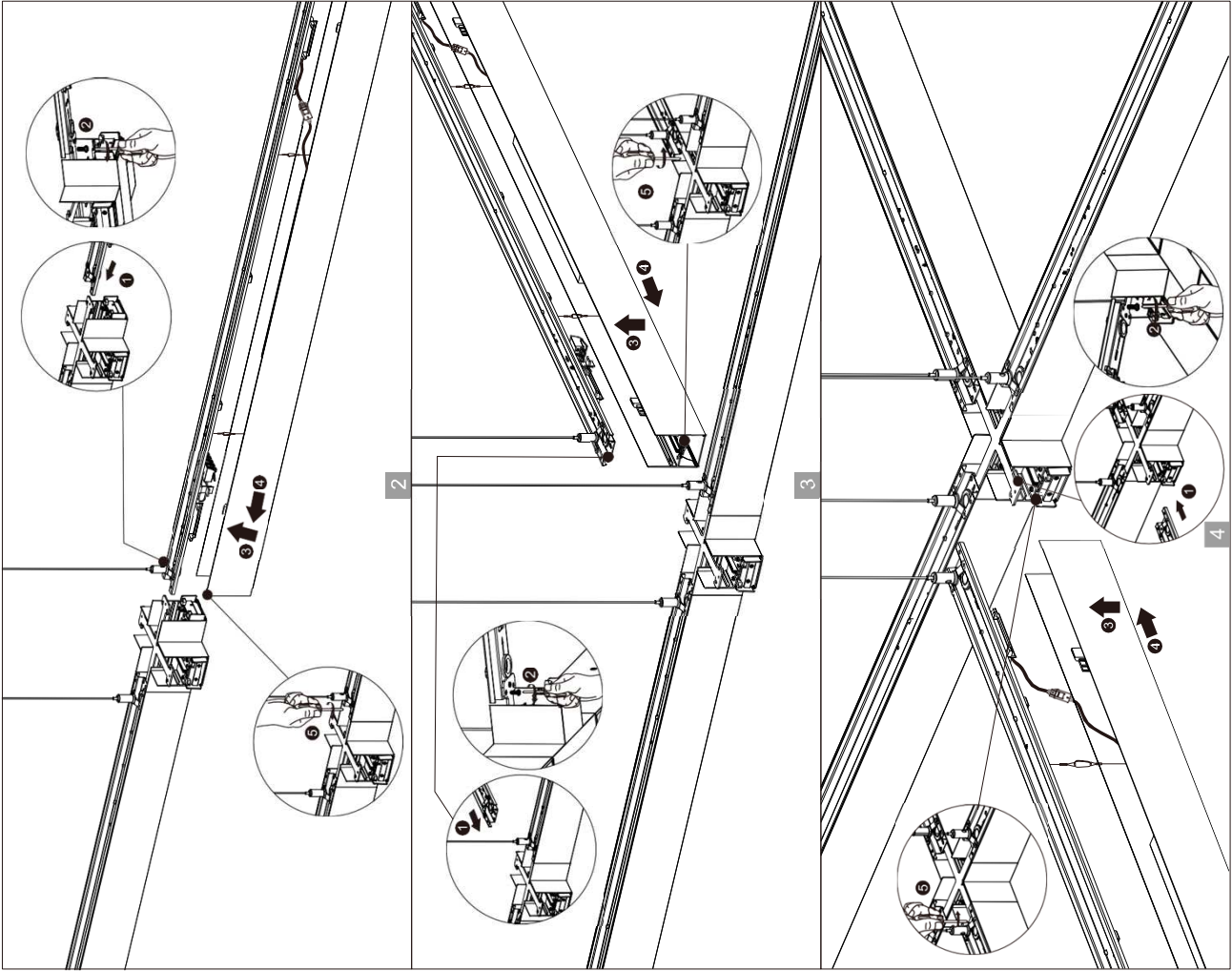


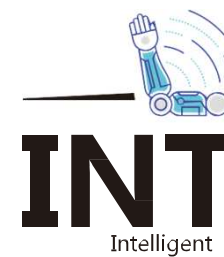
Track splicing installation



Multi-connection Installation







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