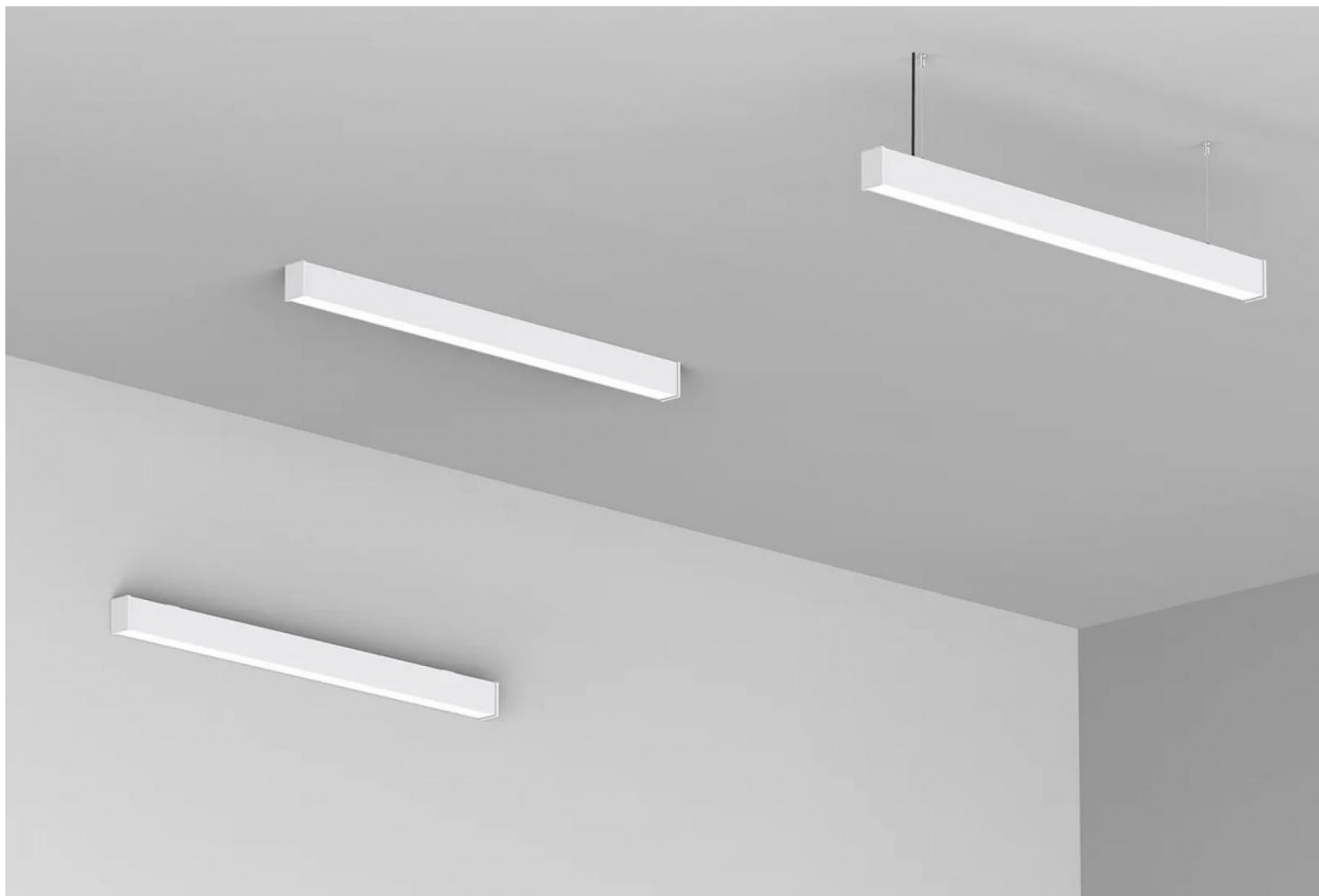
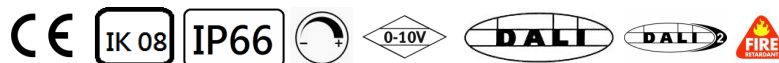


LAHAN -X

W61xH85 IP66



- High lumen efficiency up to 125lm/W
- IP66, IK08
- CCT switchable by external DIP switch
- Built-in flicker free driver
- Dimming options: DALI
- Support surface mount, wall mount, pendant installation
- Splicing for both surface mount and pendant

Technical Data

Installation method / 安裝方式 / Método de instalación

Pendant Mounted / Surface Mounted / Wall Mounted

吊掛式/吸頂式/壁掛式

Montaje colgante / Montaje en superficie / Montaje en pared

Dimension / 尺寸 / Dimensión	L612*W61*H85mm	L1212*W61*H85mm	L1512*W61*H85mm
Power Consumption / 燈具功率 Consumo de energía	• L612*W61*H85mm 15W • L1212*W61*H85mm 30W • L1512*W61*H85mm 40W	18W 38W 45W	
Input Voltage / 輸入電壓 / Voltaje de entrada	AC220-240V 50/60HZ		
LED Driver Type LED驅動款式 Tipo de controlador LED	Integrated Type LED Driver-Refer to LED driver specification 請參閱LED驅動器規格 Consulte la especificación de controlador de LED 1. ON/OFF Switch AC220-240V 50/60HZ 2. 1-10V Dimming Driver AC220-240V 50/60HZ 3. DALI Dimming Driver AC220-240V 50/60HZ		
LED Driver Features / 驅動特性 Funciones del controlador de LED	Power Factor: >0.9 Efficiency: 90% (Total Harmonic Distortion:<20%)		
Control Protocol / 控制協議 Protocolo de Control	0/1-10V / DALI		
Beam Angle / 光束角 / ángulo de haz	110°		
Light Source Brand / 光源品牌 / Fuente de luz de marca	SMD		
Lumen Maintenance LM-80 Reported by TM-21	L70> 54,000 hrs		
LED Life-LED壽命-La vida del LED	>100,000 hours		
Color Temperature / 色溫 / Temperatura del color	2700K / 3000K / 4000K / 5000K / 6500K 2-CCT By DIP Switch: 3000K+4000K		
Color Rendering Index / 顯色指數 Índice de reproducción cromática	> 80		
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning ellipse	Standard Deviation Colour Matching < 3 SDCM 標準偏差配色< 3 SDCM Coincidencia de color estándar Desviación < 3 SDCM		
Luminaire Efficacy / 燈具效率 La eficacia de la luminaria	110 LM/W (2700K) 125LM/W (5000K)	110 LM/W (3000K) 125 LMW (6500K)	120 LM/W (4000K)
LED Source Luminous Efficacy / LED光源光效 Fuente luminosa LED Eficacia	150 LM/W (2700K) 165 LM/W (5000K)	155 LM/W (3000K) 165 LMW (6500K)	160 LM/W (4000K)
Housing materials / 外殼材料 Materiales de la carcasa	Extruded Aluminium Alloy body and Opal polycarbonate Diffuser 壓鋁56063合金和乳白PC擴散罩		
Housing Color / 外殼顏色 / color de la carcasa	Coated with epoxy resin and top coated with UV stabilized polyester powder Color: Black RAL9005 White RAL9016 顏色: 黑色RAL9005 /白色RAL9016		
Ingress Protection / 防護等級 / Protección de ingreso	IP66		
Impact Protection / 機械衝擊保護 Protección contra impactos	IK08		
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-20 °C / +45 °C		
Operating Humidity / 工作濕度 Humedad de funcionamiento	0~90%, non-condensing / 不結霜 sin condensación		
Comply Testing Standard / 符合測試標準 Cumplir el estándar de prueba	LED Luminaries: LVD: IEC/EN 60598-1;EN / IEC/EN 60598-2-1;IEC62471;IEC/EN 62031; IEC/EN 62493 ; IEC/EN 62471(Risk Group 1) EN60598-2-22 Hot Wire Testing: 850°C LED Driver: IEC/EN 61347-1; IEC/EN 61347-2-13; IEC/EN 62384; IEC/EN 61000-3-2; IEC/EN 61000-3-3;IEC/EN61574;EN 55015 ; IEC /EN 62384		
Certification / 認證 / Certificación	      		

Project 	Fixture# 	Date
		Firm

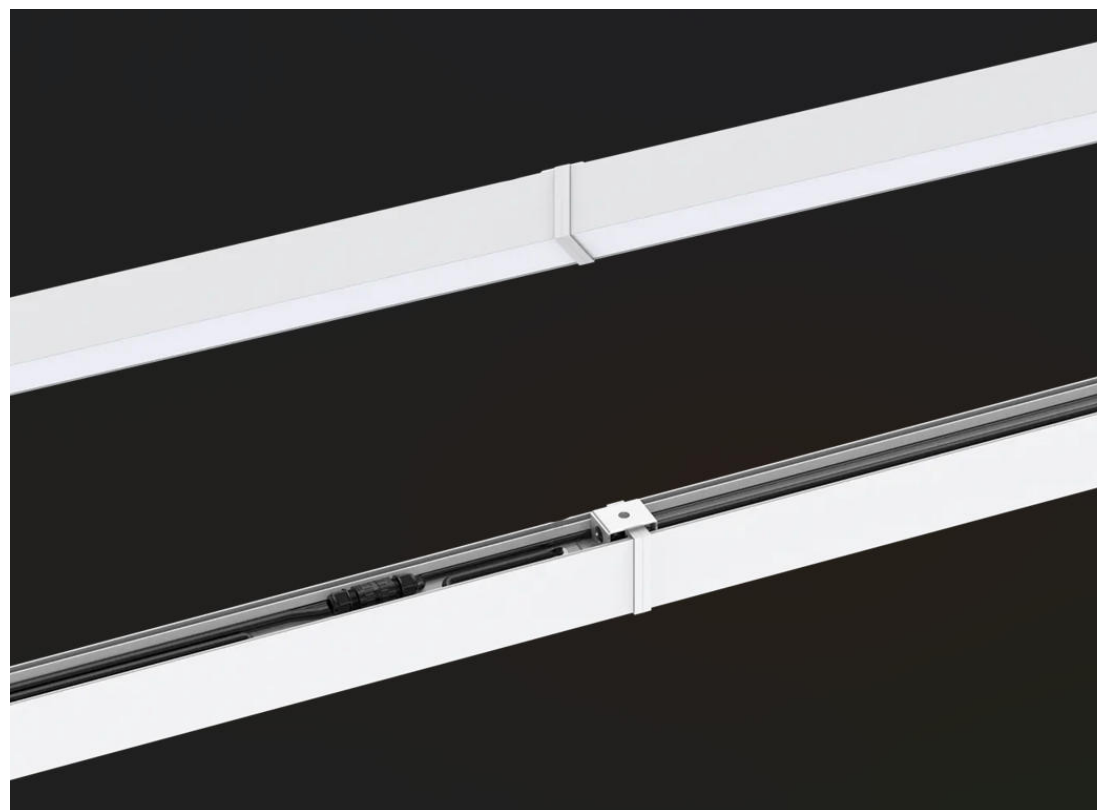
Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

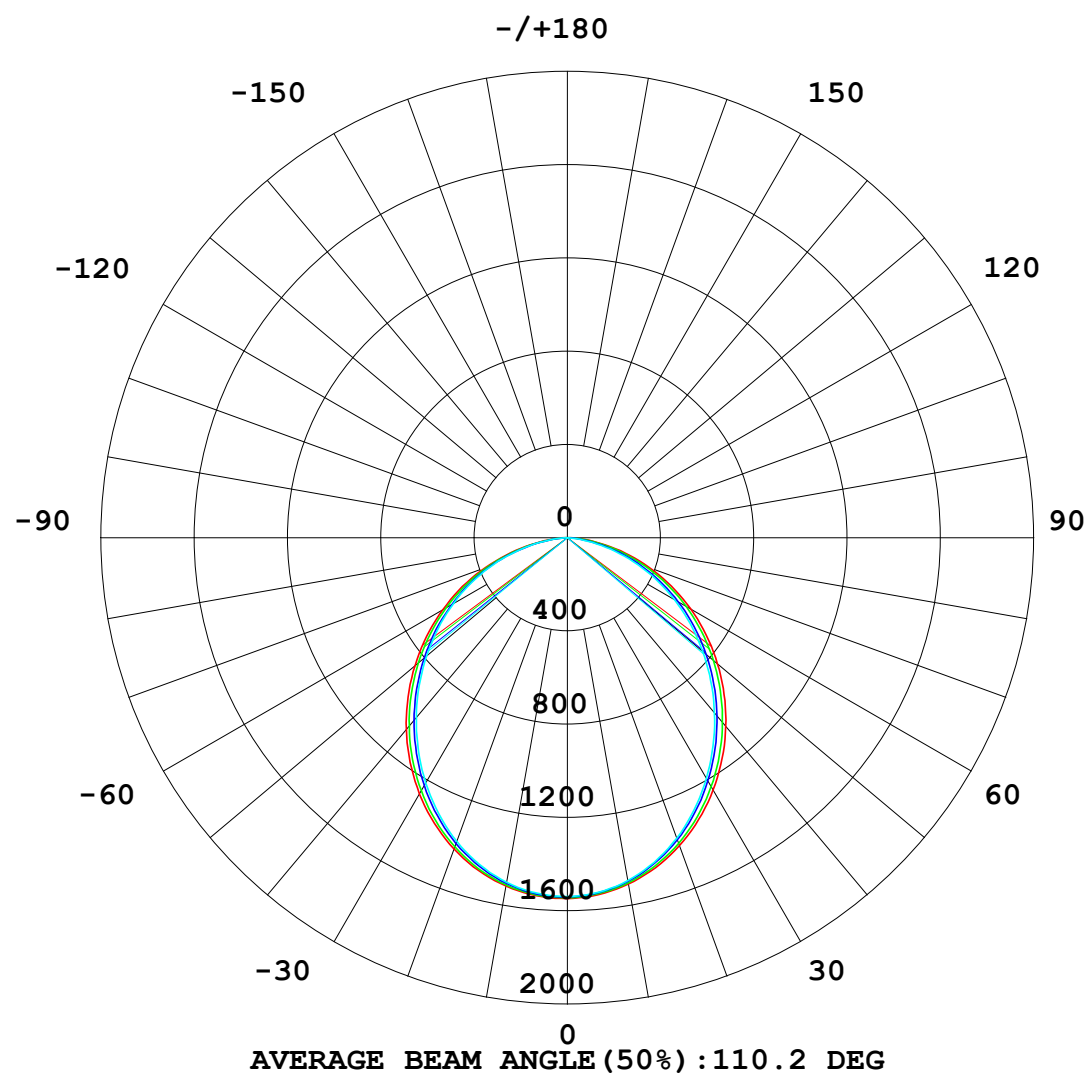
Example product code: [LAHAN-30W](#)

LAHAN -
Power Consumption

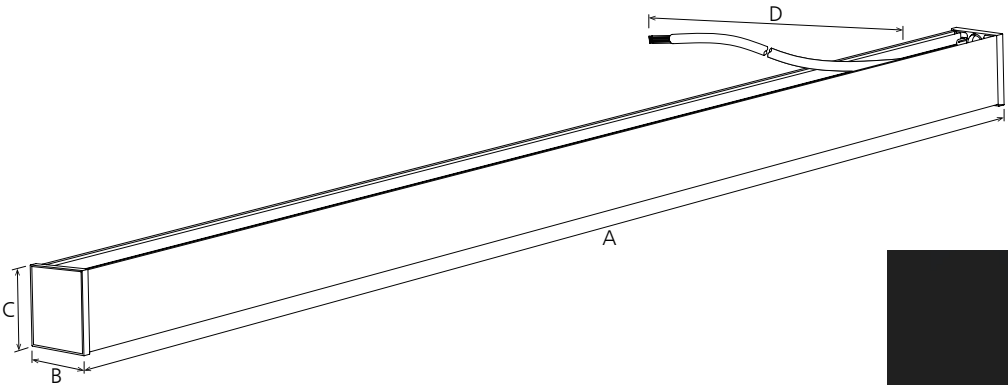
Power Consumption	
Code	Description
15W	15W @L612*W61*H85mm
18W	18W @L612*W61*H85mm
30W	30W@ L1212*W61*H85mm
38W	38W@ L1212*W61*H85mm
40W	40W@L1512*W61*H85mm
45W	45W@L1512*W61*H85mm



Beam Angle

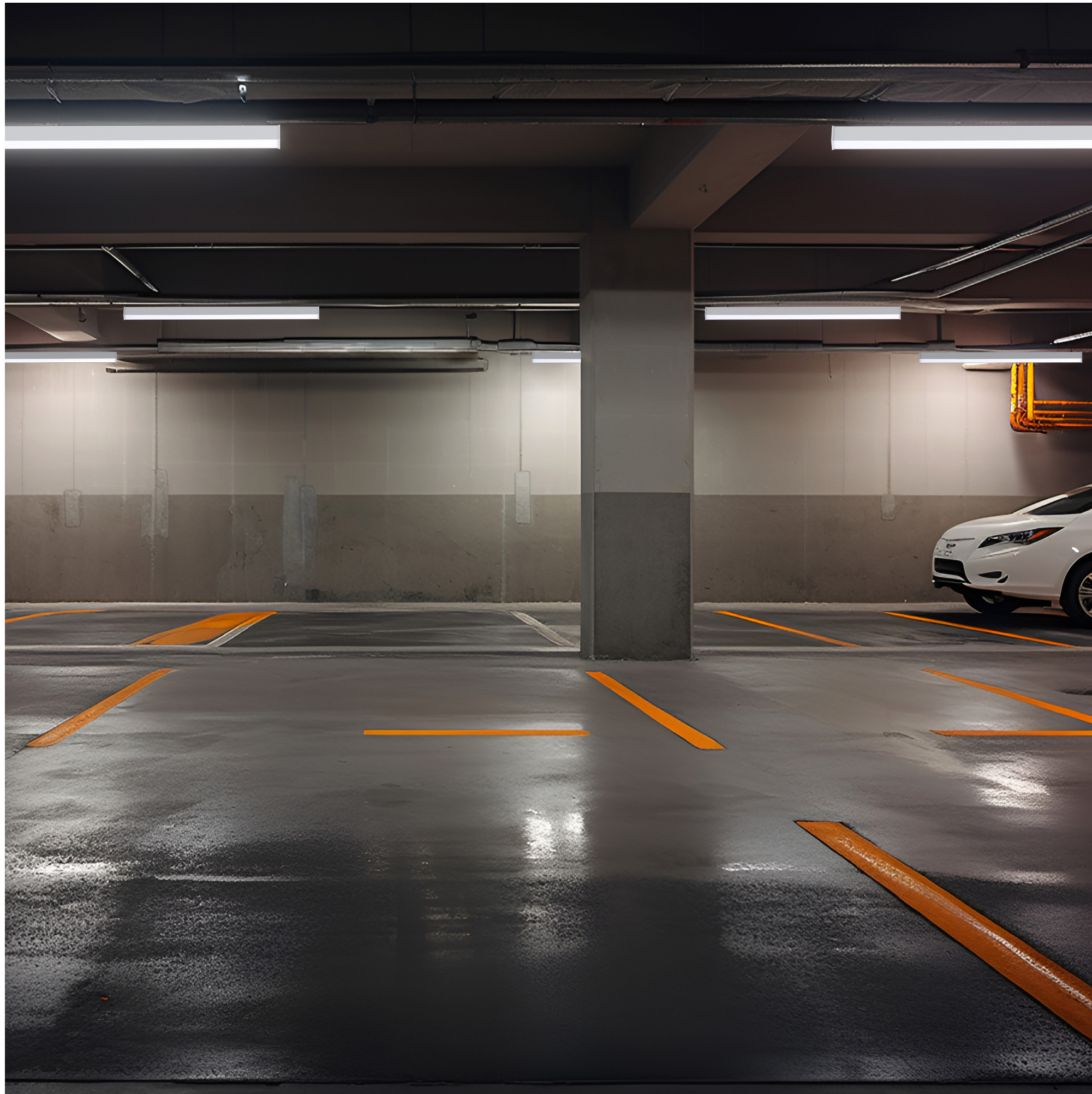


Technical Drawing



Measurement

Dimension(mm)				Size(mm)	Product Weight (Kg)	
A	B	C	D		N.W/PC	G.W/PC
612	61	85	600	612*61*85	1.28	1.44
1212	61	85	1700	1212*61*85	2.29	2.55
1512	61	85	1700	1512*61*85	2.69	3.00



Introduction

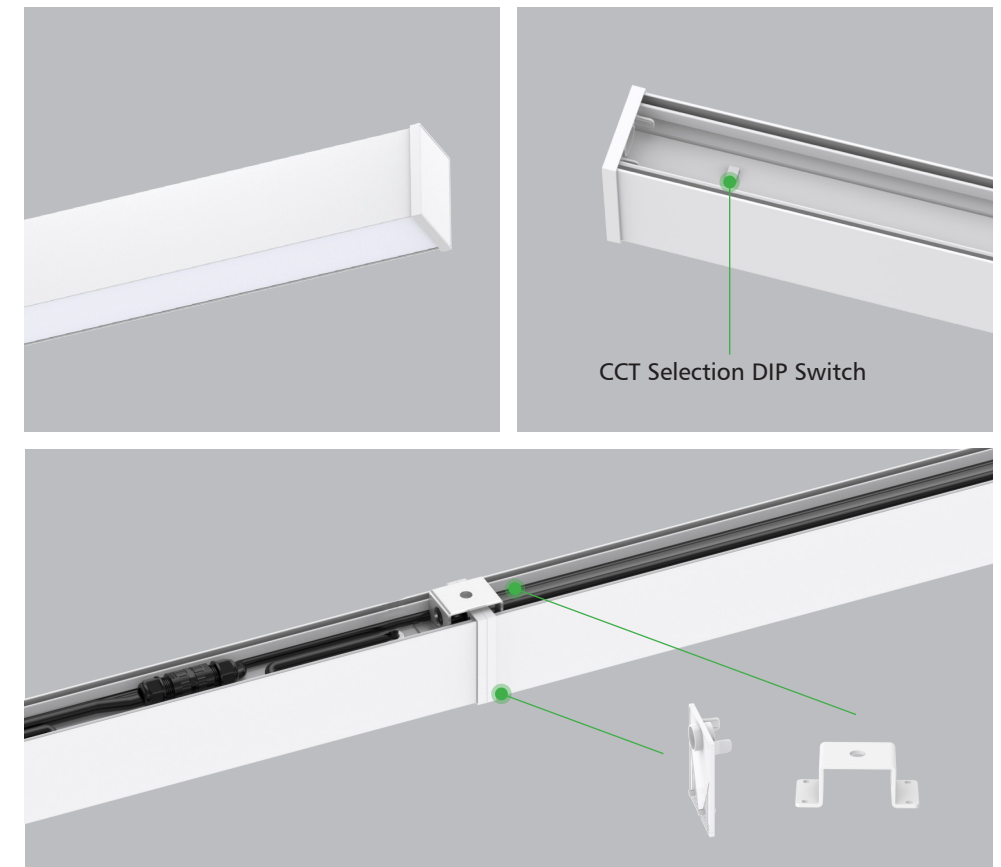
The IP65 Waterproof LED linear is designed to withstand harsh weather conditions, making it an ideal lighting solution for outdoor spaces. Its waterproof seal ensures complete protection against rain and snow, while its robust casing guarantees durability and longevity. The milky white PC diffuser creates a uniform lighting effect. This versatile product supports various installation methods, including pendant, surface mount, wall mount installation. It also supports straight-line splicing for surface mount and pendant installation.

Features

- High lumen efficiency up to 125lm/W
- IP65, IK08
- CCT switchable by external DIP switch
- Built-in flicker free driver
- Dimming options: DALI
- Support surface mount, wall mount, pendant installation
- Splicing for both surface mount and pendant

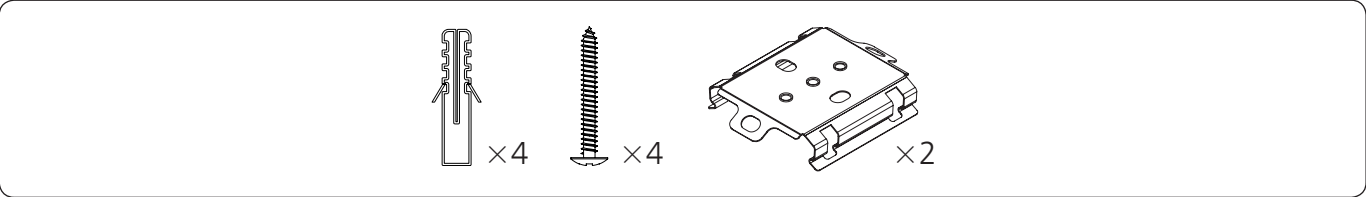
Application Areas

It is suitable for semi-outdoor locations with high waterproof requirements, such as factories, warehouses, workshops, ships, parking lots, shopping malls, and hotels.

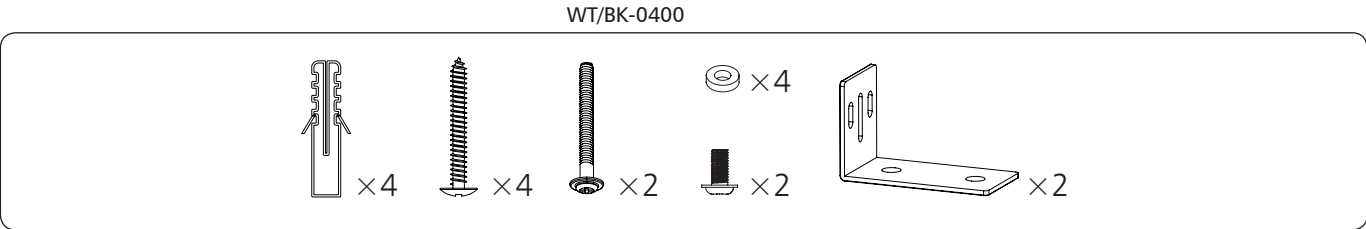


Accessory(for installation)

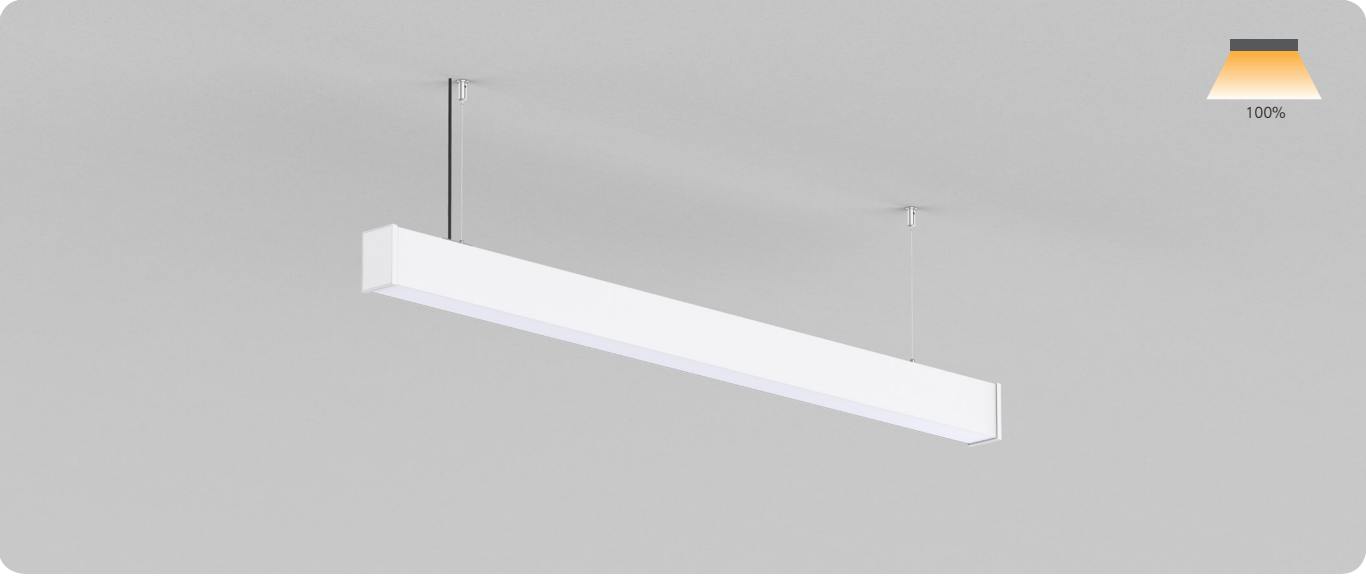
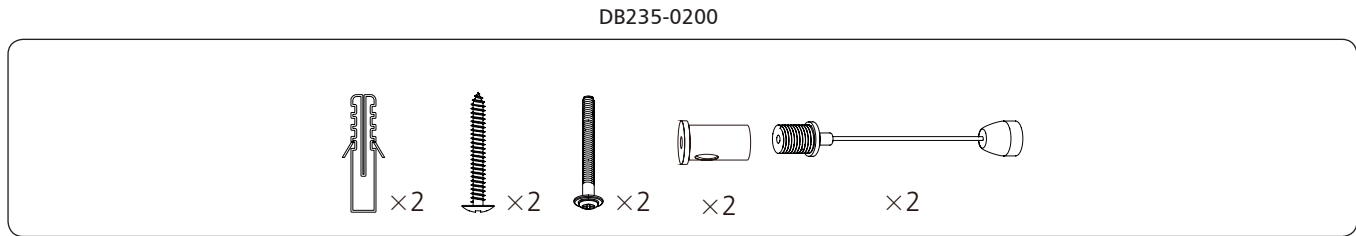
Surface Mount (included)



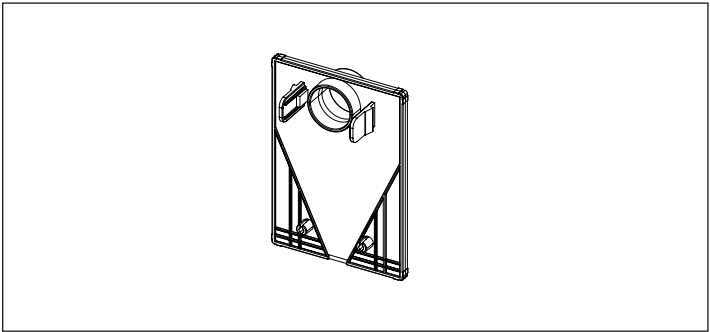
Wall Mount



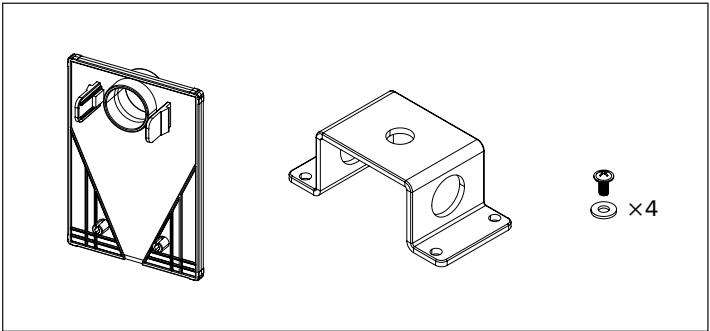
Pendant without ceiling plate



Splicing



Surface mount
WT/BK-0101

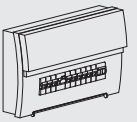


Pedant
WT/BK-0201

■ Installation Procedure

WARNING ⚡

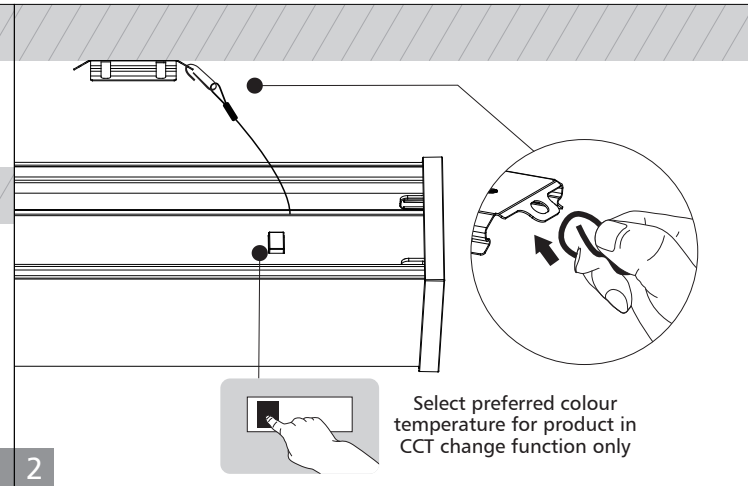
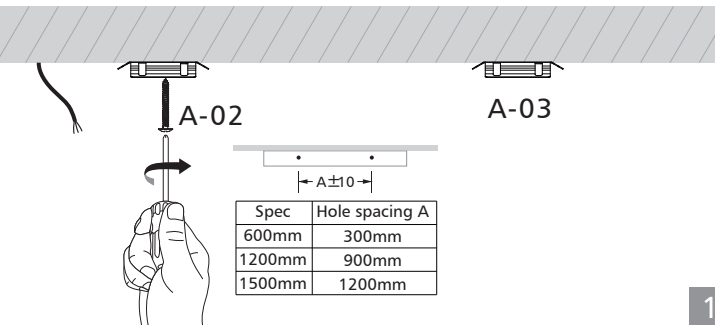
1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



**Turn Off
Power Supply**

■ Ceiling surface mount installation

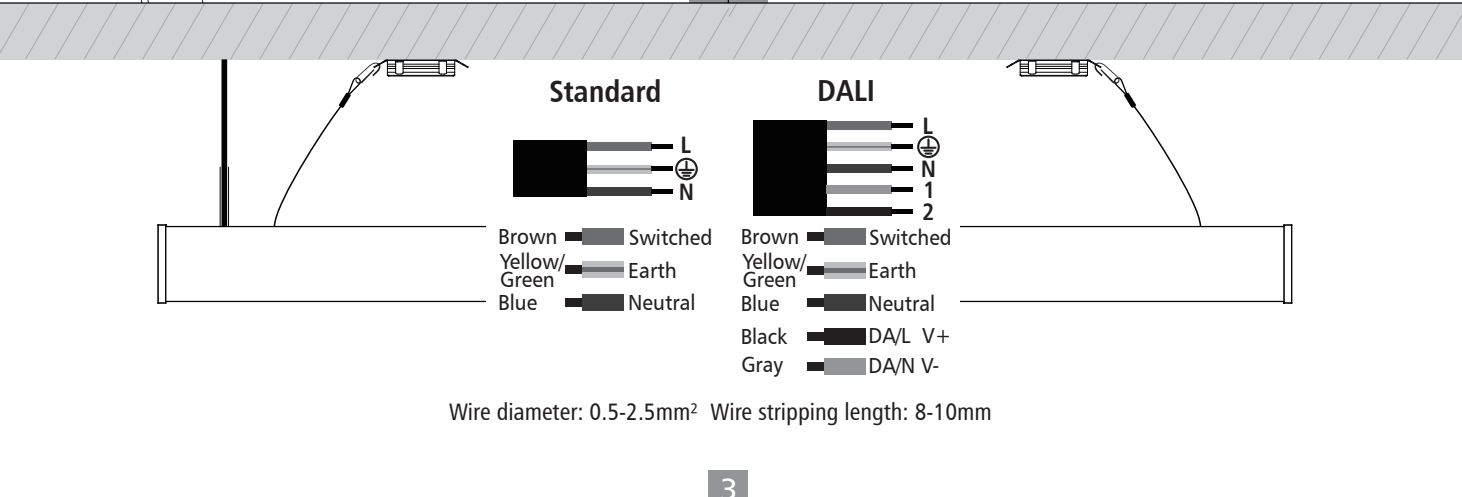
Code	A-01 	A-02 	A-03 
ACC	x4	x4	x2



Spec	Hole spacing A
600mm	300mm
1200mm	900mm
1500mm	1200mm

1 2

Select preferred colour temperature for product in CCT change function only



Standard

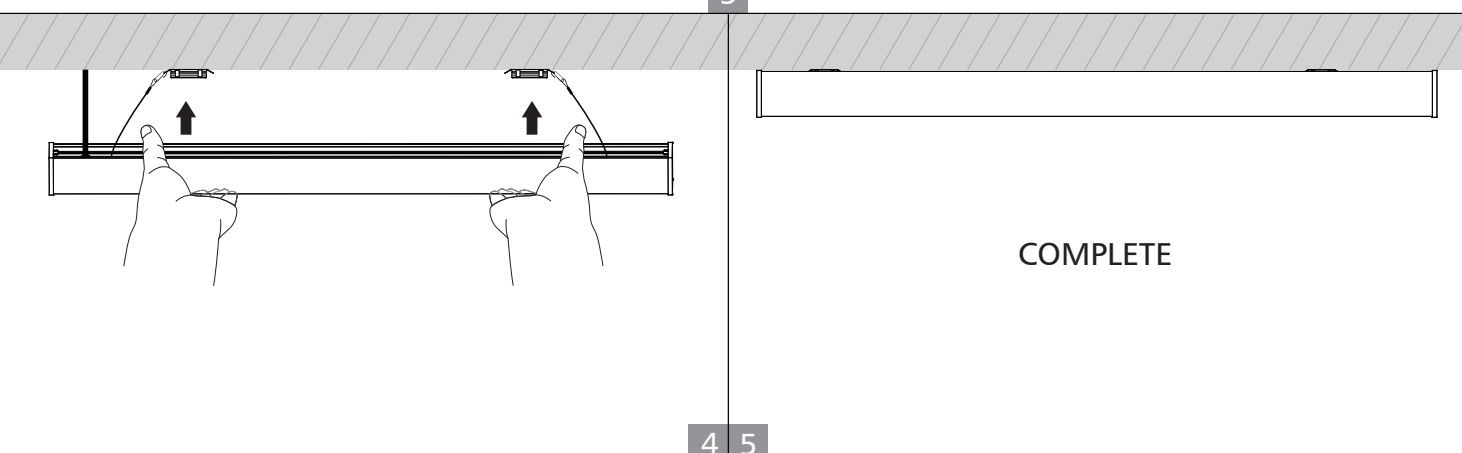
Brown — Switched
Yellow/Green — Earth
Blue — Neutral

DALI

Brown — Switched
Yellow/Green — Earth
Blue — Neutral
Black — DA/L V+
Gray — DA/N V-

Wire diameter: 0.5-2.5mm² Wire stripping length: 8-10mm

3

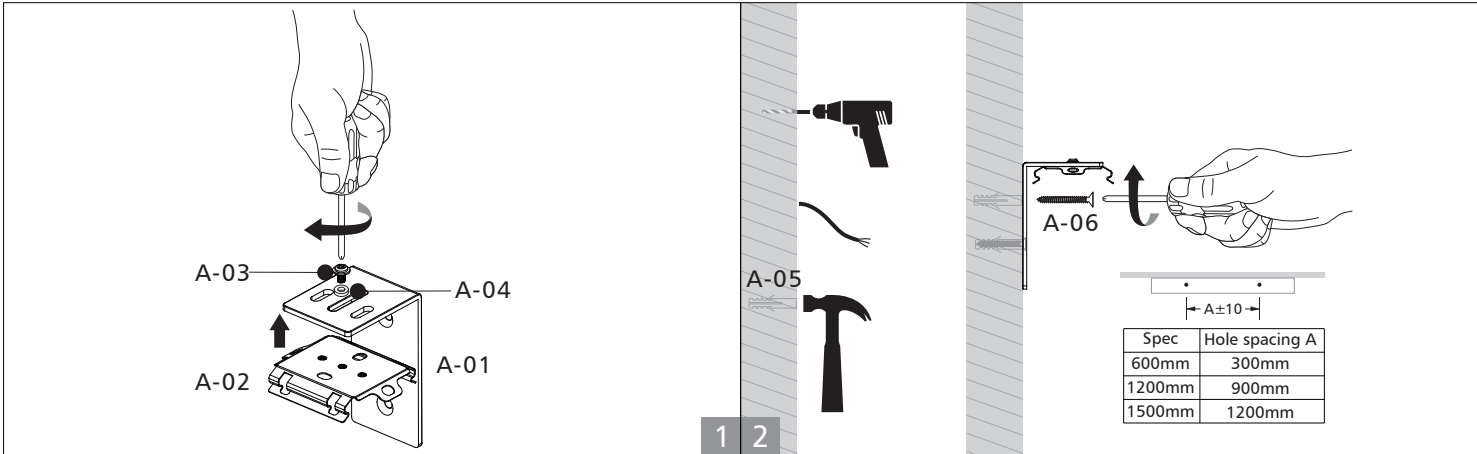


4 5

COMPLETE

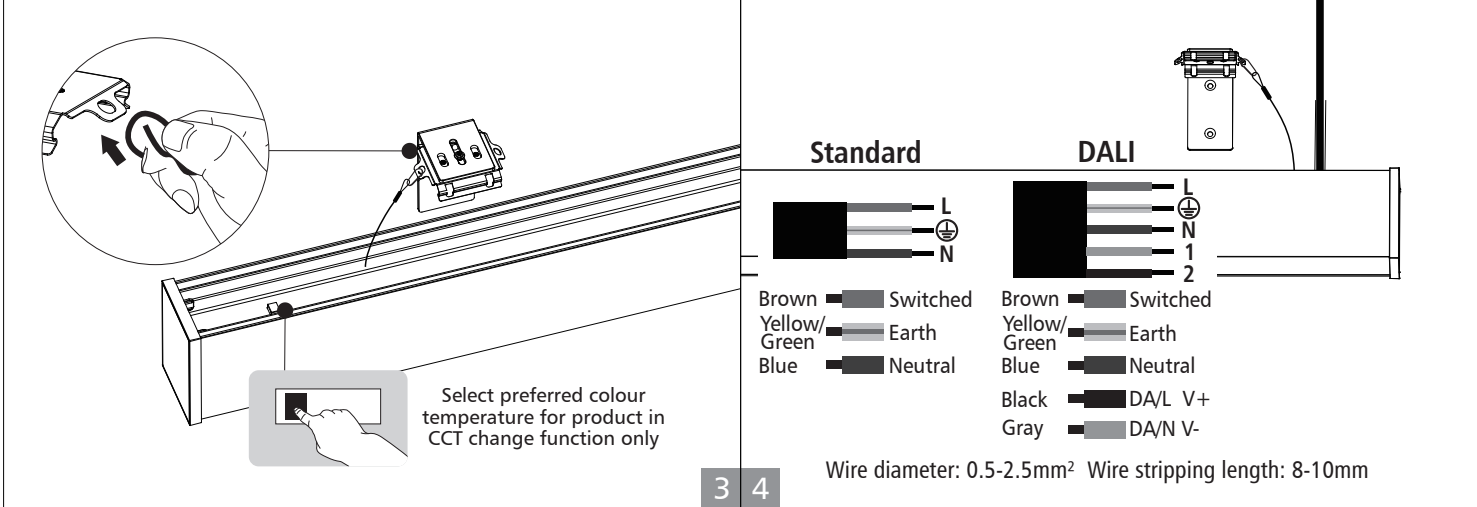
Wall mount installation

Code	A-01	A-02	A-03	A-04	A-05	A-06	A-07
ACC	x2	x2	x2	x4	x4	x4	x2



1 2

Spec	Hole spacing A
600mm	300mm
1200mm	900mm
1500mm	1200mm



3 4

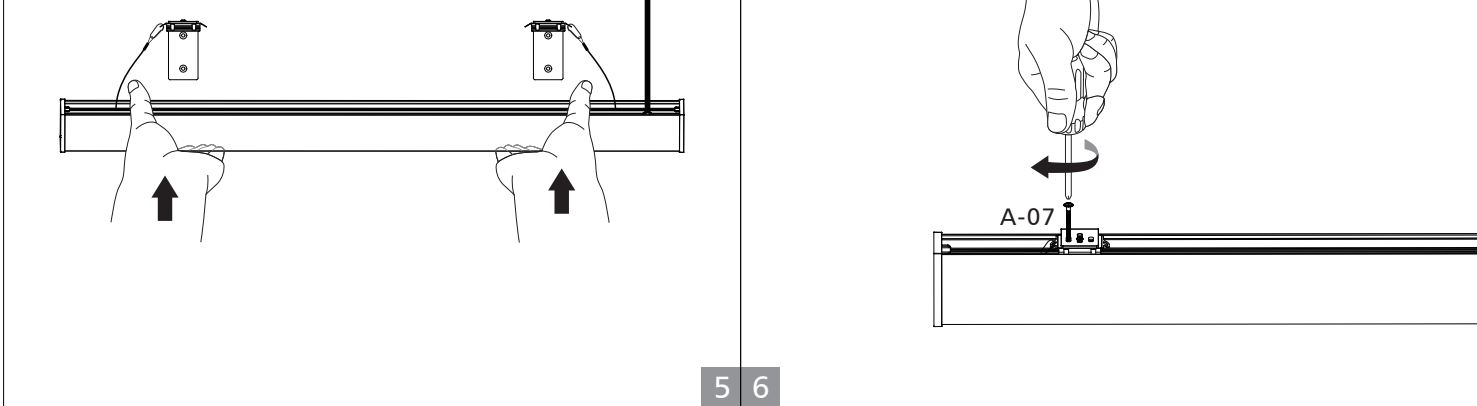
Standard

Brown — Switched
Yellow/Green — Earth
Blue — Neutral

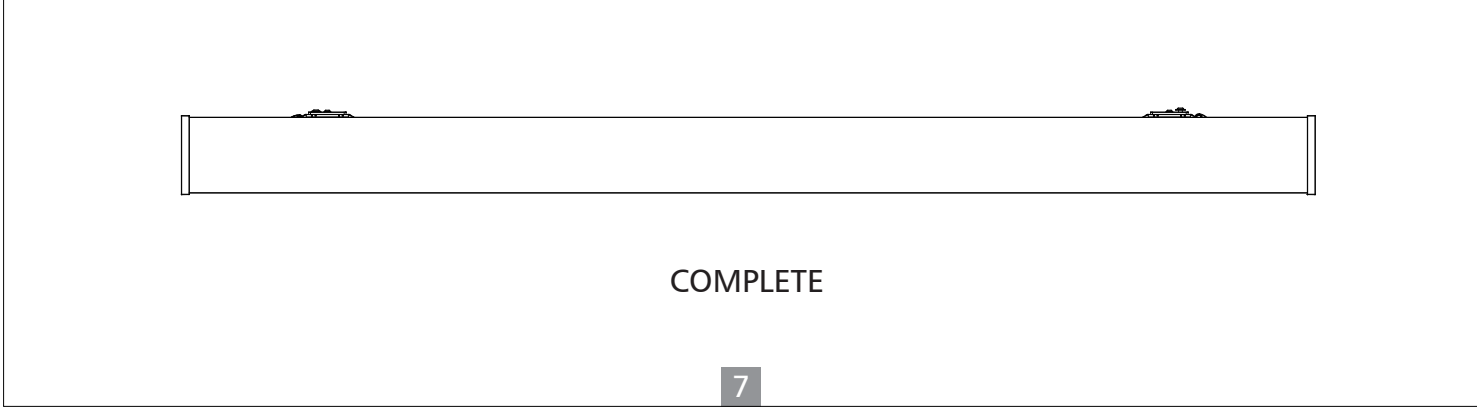
DALI

Brown — Switched
Yellow/Green — Earth
Blue — Neutral
Black — DA/L V+
Gray — DA/N V-

Wire diameter: 0.5-2.5mm² Wire stripping length: 8-10mm



5 6

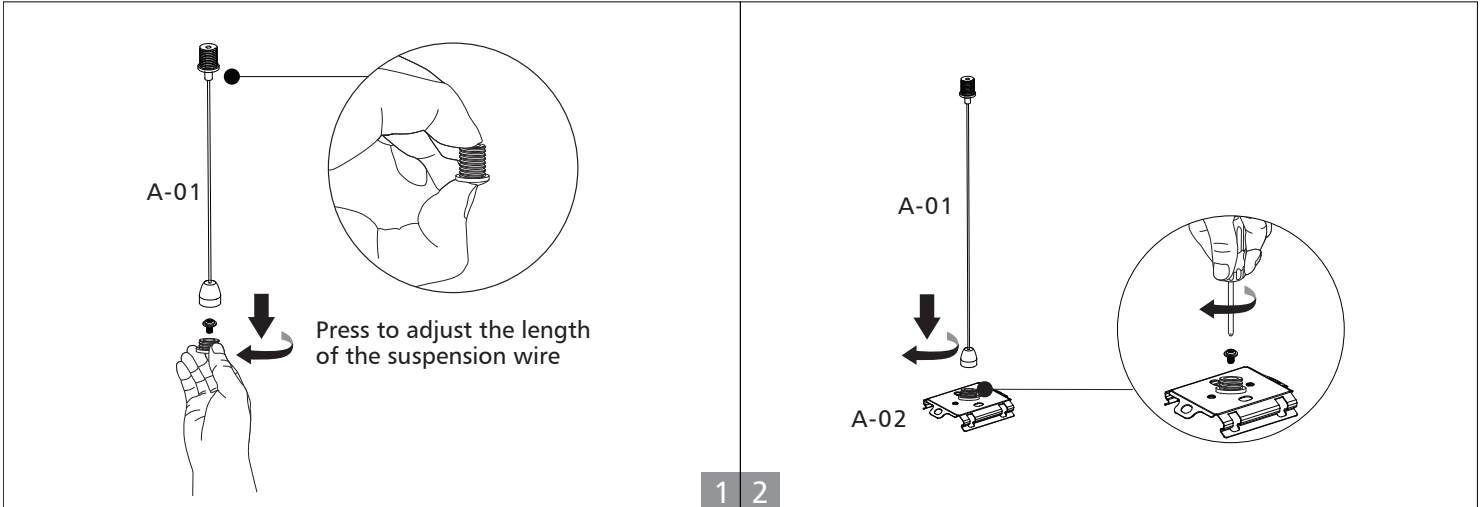


COMPLETE

7

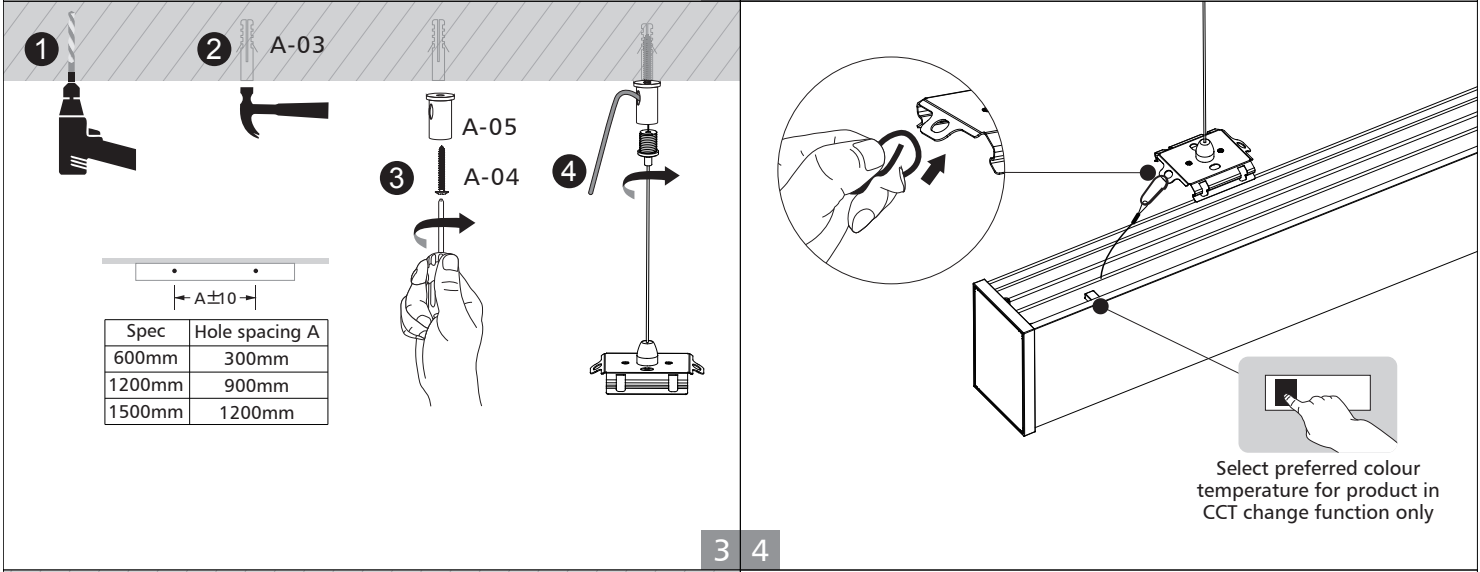
Pendant installation

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

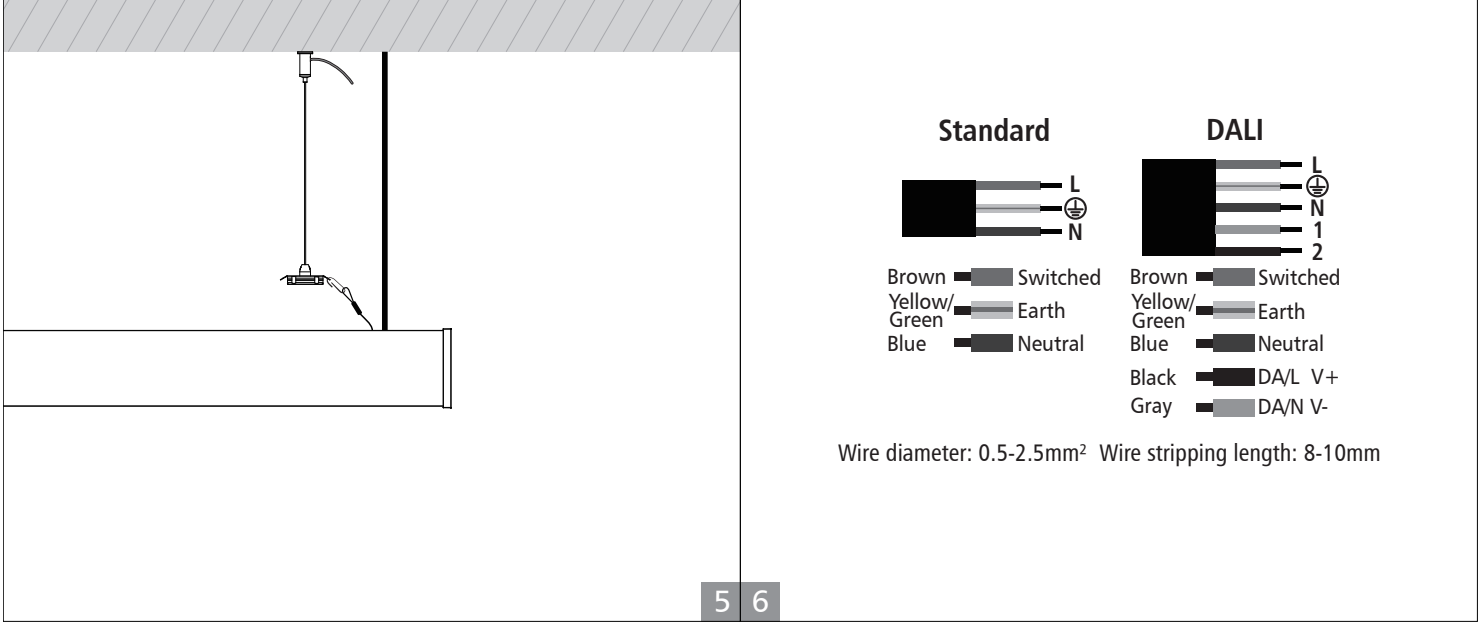


1 2

Press to adjust the length of the suspension wire



3 4



5 6

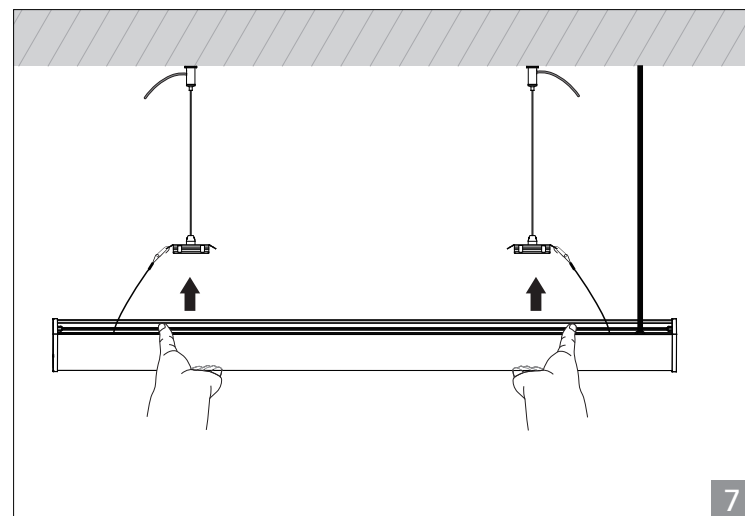
Standard

Brown — Switched
Yellow/Green — Earth
Blue — Neutral

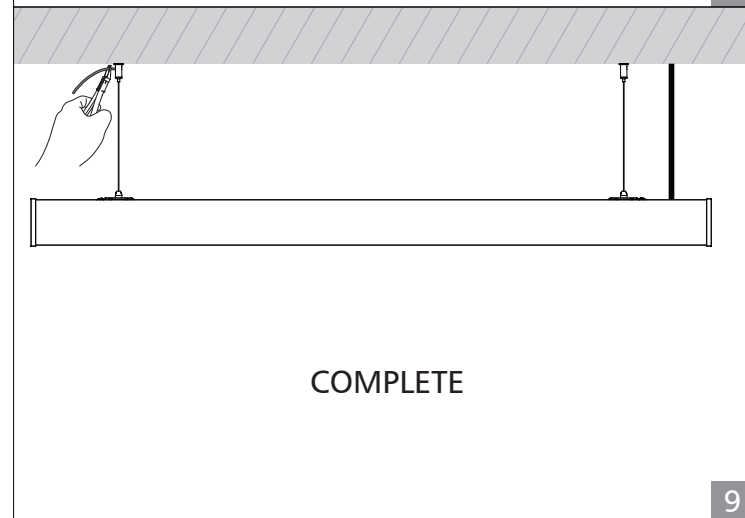
DALI

Brown — Switched
Yellow/Green — Earth
Blue — Neutral
Black — DA/L V+
Gray — DA/N V-

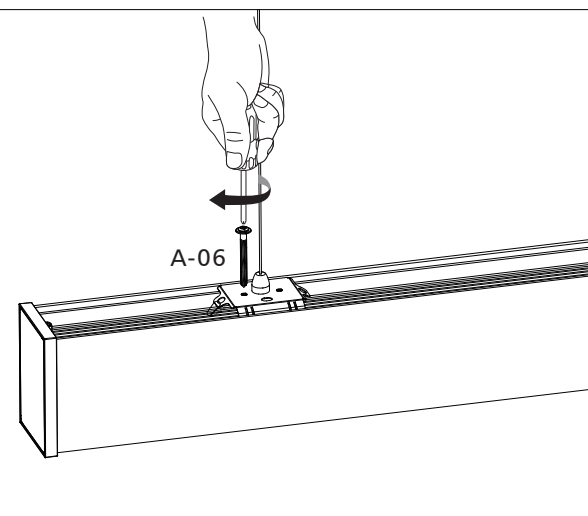
Wire diameter: 0.5-2.5mm² Wire stripping length: 8-10mm



7 8



9



Splicing installation for ceiling surface mount

1 2

A B

1 2

3

A B CDF...

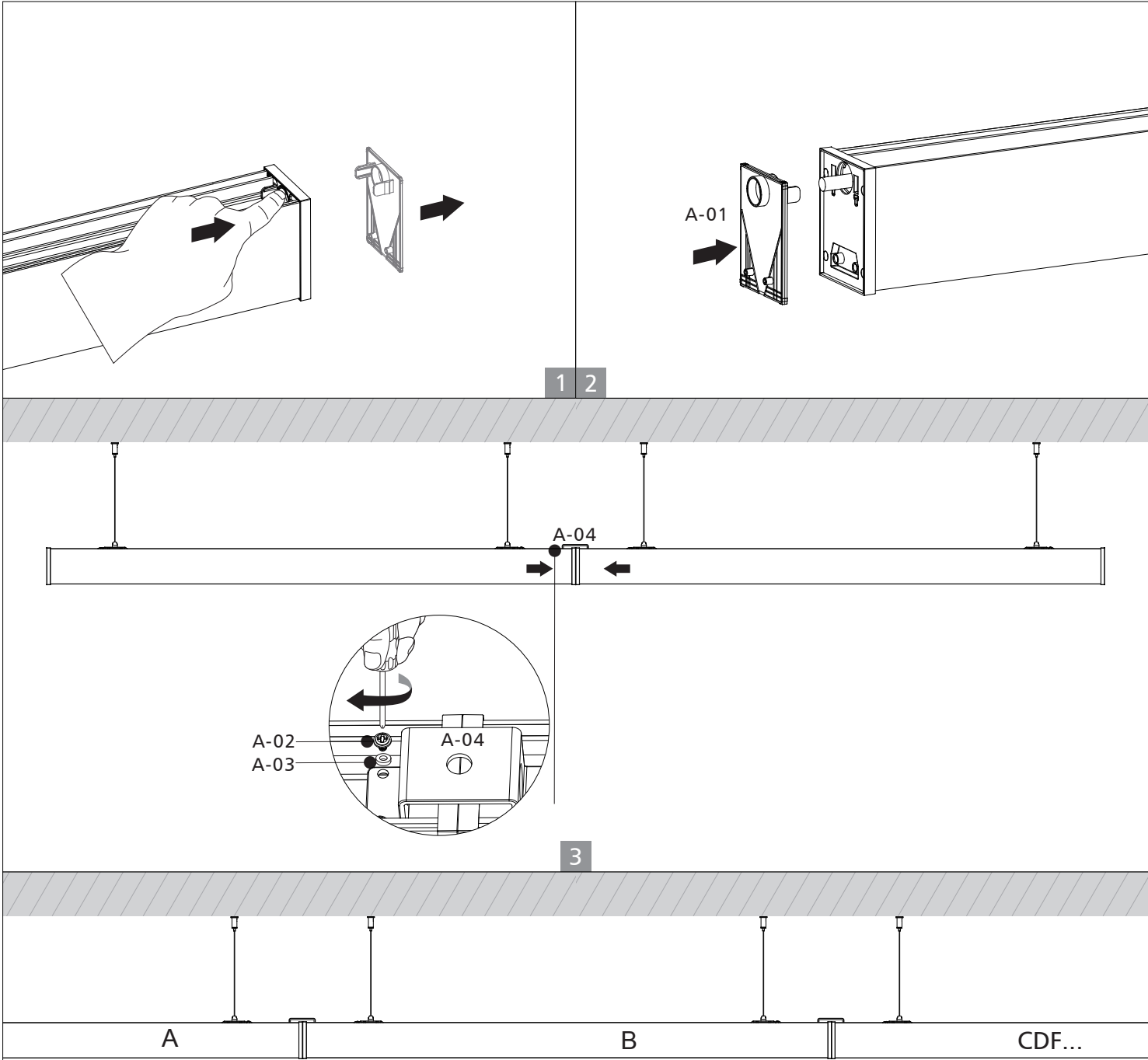
Splicing to 1200W/6A MAX.
 (If current $\geq 4A$, suggested splicing wire diameter $\geq 1.5\text{mm}^2$,
 if current $< 4A$, suggested splicing wire diameter 1mm^2).

COMPLETE

4

■ Splicing installation for pendant

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

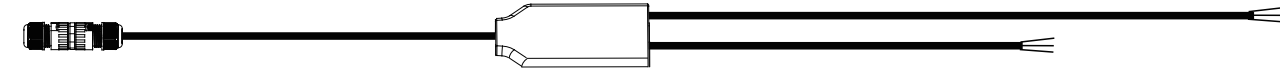
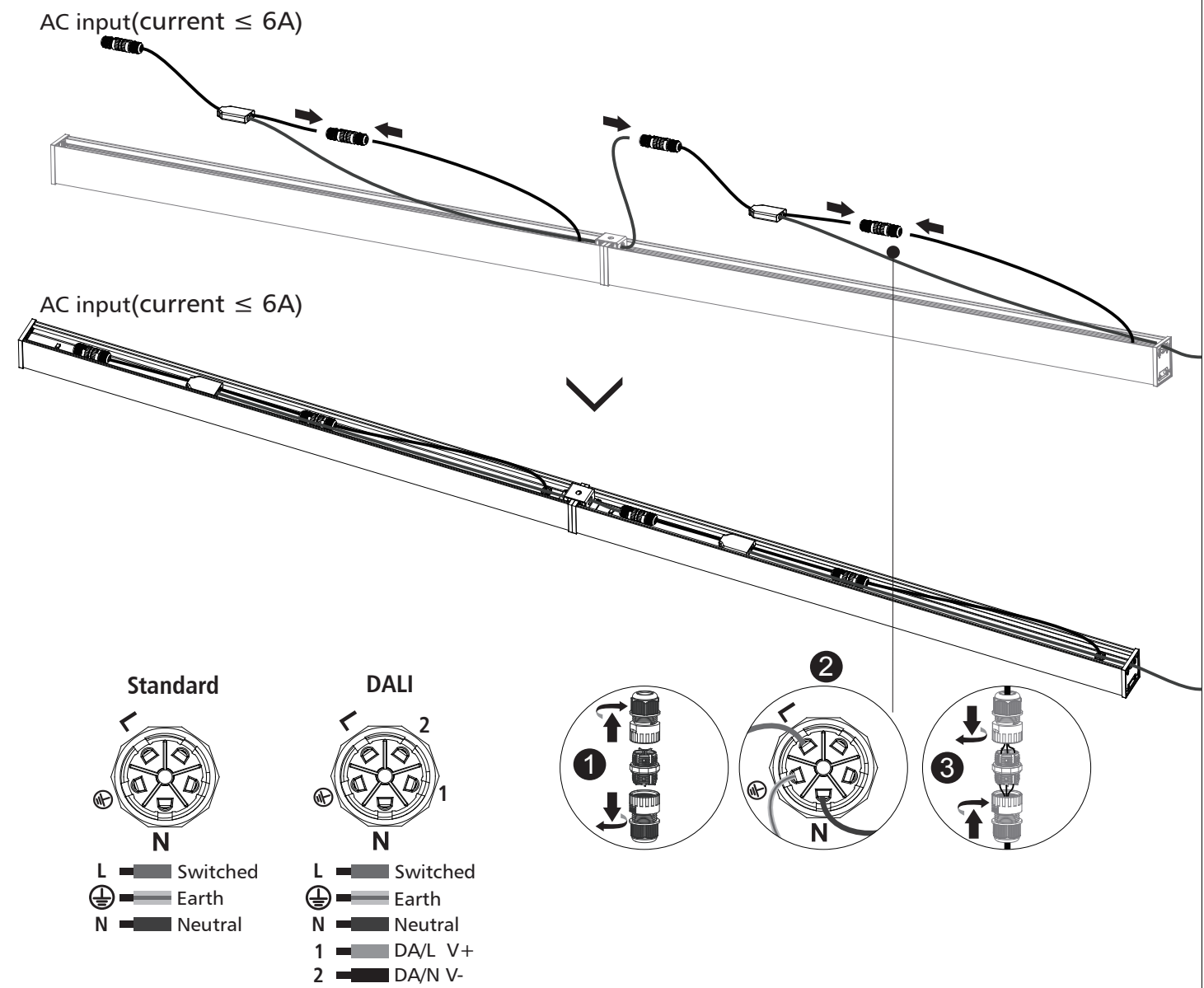


Splicing to 1200W/6A MAX.
(If current $\geq 4A$, suggested splicing wire diameter $\geq 1.5mm^2$,
if current $< 4A$, suggested splicing wire diameter $1mm^2$).

COMPLETE

4

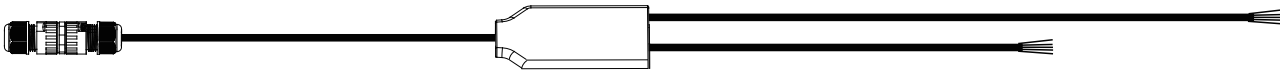
■ Electrical connection



3-PIN waterproof connection cable



3-PIN waterproof cable connector



5-PIN waterproof connection cable



5-PIN waterproof cable connector

Splicing to 1200W/6A MAX.
(If current $\geq 4A$, suggested splicing wire diameter $> 1.5mm^2$
if current $< 4A$, suggested splicing wire diameter $1mm^2$).