WW NW CW
Color chargeable

SL-DB45

Introduction

DB45 is a module changeable design LED batten, provide good heat dissipation, quality light and substantial energy and maintenance savings. Varies module (reflector type and diffuser type) can meet different requirements. Suspended , surface mounted and splicing installation optional. The process of installing and maintaining is so easy.

Features
1. Module changeable, with easy installation and maintenance
2. Module type optional (type A reflector design, Type B diffuser design)
3. Color temperature switchable by DIP switch
3. Splicing design

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

Type B

Type A

100° | PF 0.9 | CRI ≥80 | 50000 HOURS
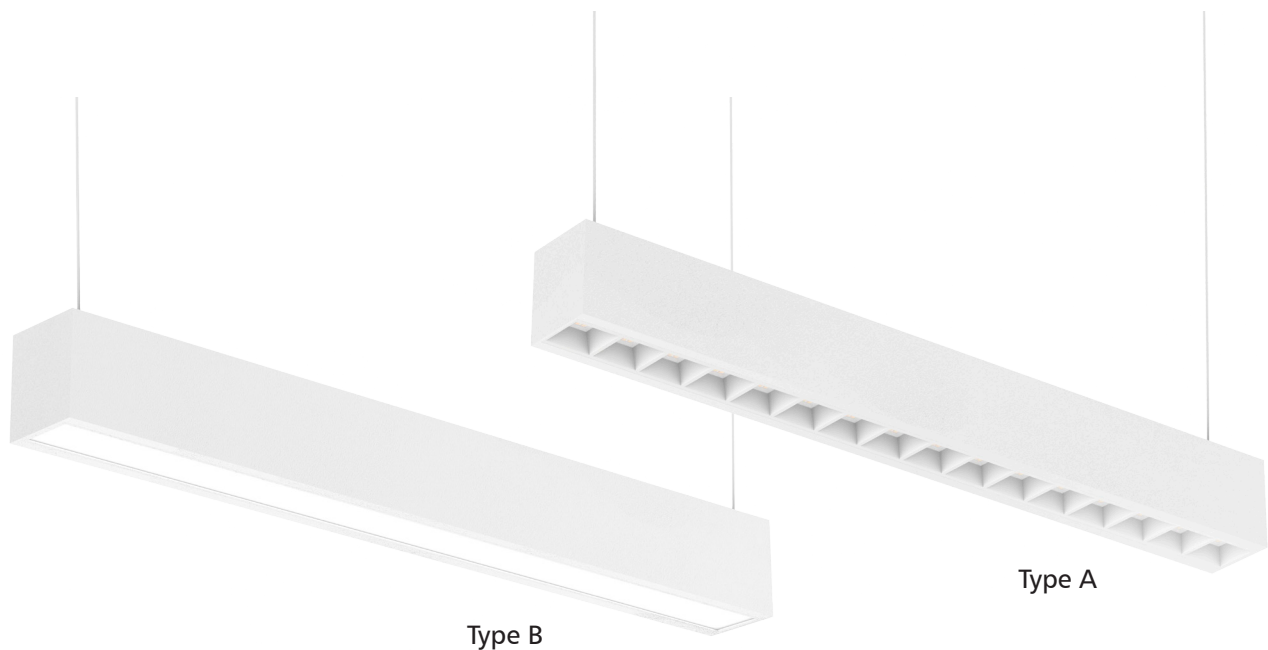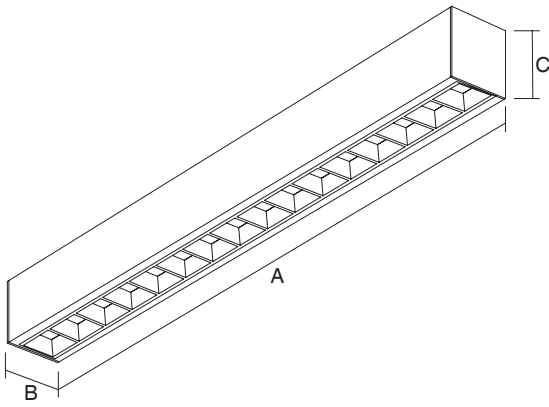
Measurement

Model	Dimension(mm)			Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
600	604	60	70	604*60*70	1.15	1.65	13.8	21	66.5*30*26.5	12	5472	14280
1200	1204	60	70	1204*60*70	2.2	3	13.2	20	125.5*23*17	6	3024	7290

Technical Data Sheet

Model No.			DB45A-600-20W	DB45B-600-20W	DB45A-1200-40W	DB45B-1200-40W
Watt(W)			20W		40W	
Dimension(mm)			604*60*70		1204*60*70	
Rated Input Voltage(V)			AC230V			
Input Voltage(V)			AC200-240V			
LED			SMD			
SDCM			–			
CCT(K)			1-CCT: 3000K / 4000K / 5000K / 5700K ‖ 3-CCT: 3000K + 4000K + 5700K			
"Luminous Flux (lm) ±5%"	1-CCT	Non-DIM	2400~2500	2200~2400	4800~5200	4000~4800
		DIM	–	–	–	–
	3-CCT	Non-DIM	2150~2400	2150~2400	4400~4800	4400~4800
		DIM	–	–	–	–
CRI			>80			
Beam Angle (°)			100°			
LED Driver			Built-in			
DIM			NO			
CCT Selection Switch			Yes			
Protection Class			Class Ⅰ			
IP Rating			IP20			
IK Rating			–			
Finishing color			White RAL 9016			
Material			PC / Aluminium			
Lifetime (hr)			50,000h			
Glow wire test (°C)			650℃			
Operating Temp.(°C)			–			
Storage Temp.(°C)			–			
Installation			Surface mount / Pendant			
Brand Driver option			Philips, Tridonic, Meanwell			

Driver Datasheet(Non-dimmable)

Power	20W	20W-C3	40W	40W-C3
Rated Input Voltage(V)	AC230V			
Frequency	50/60Hz			
Input Voltage	AC200-240V			
Efficiency	≥85%		≥87%	≥85%
Total load wattage	20W±1W		40W±5%	40W±5%
Power Factor	0.9			
Rated Input Current	≤0.13A		≤0.25A	≤0.25A
Full load output voltage	DC24-40V		DC24-40V	DC28-40V
Rated output curent	500mA		1050mA	1000mA
Output current range	500mA±5%		1050mA±5%	1000mA±5%
Power tolerance	±5%			
Current output tolerance	±5%			
Short circuit protection	PASS			
Over voltage protection	PASS			
Over temperature protection	PASS			
THD	≤20% @ 230VAC			
Surge	–			
Withstand voltage	AC3750			

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.
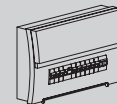

Turn Off Power Supply

Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.
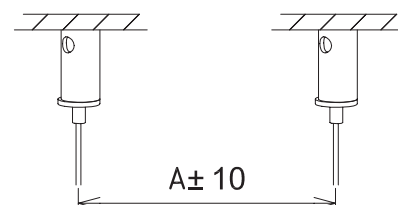
Suspended:

For the product with Slide Switch of Color Selection, please select the light color (CW/NW/WW) before installation.

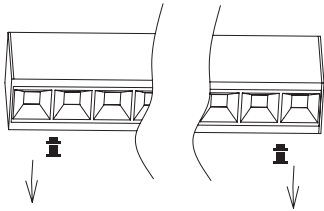Slide switch for color selection

LED+
LED W-
LED C-

WW
NW
CW

Step 1

Step 2

A± 10
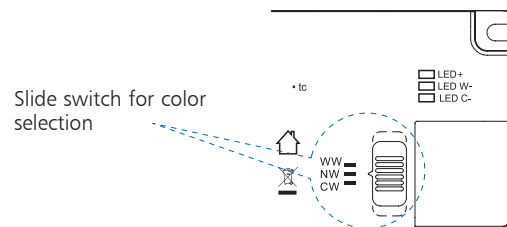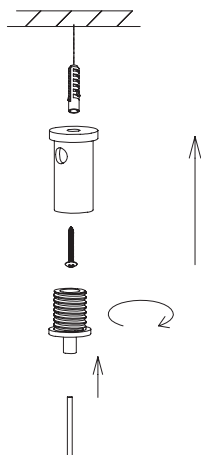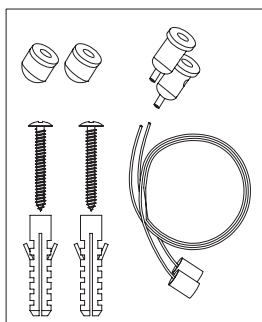
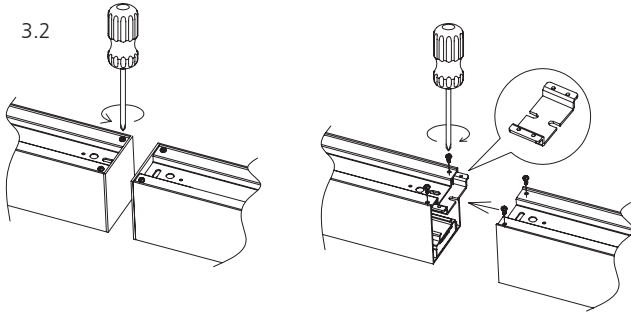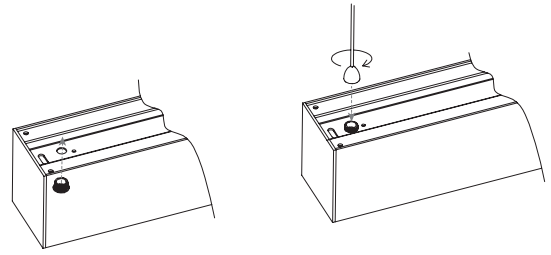| Model	A±10
600mm	580mm
1200mm	1180mm

Step 3

3.1

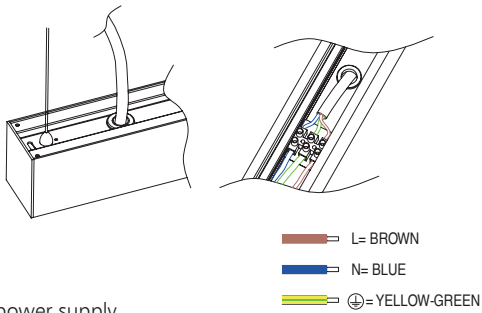Push the module on both sides which will disconnect the connector, remove the module.

3.2

If need to be spliced into series, remove the end cap of each connection side, connect them by connectors and fix by screws.
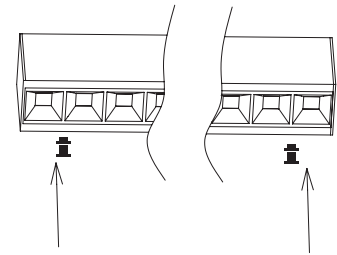
Step 4
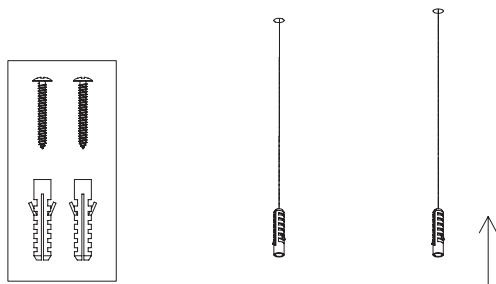

Screw the ropes into the pedestals.

Step 5

L= BROWN
N= BLUE
⏚ = YELLOW-GREEN

Connect to the power supply.

Step 6

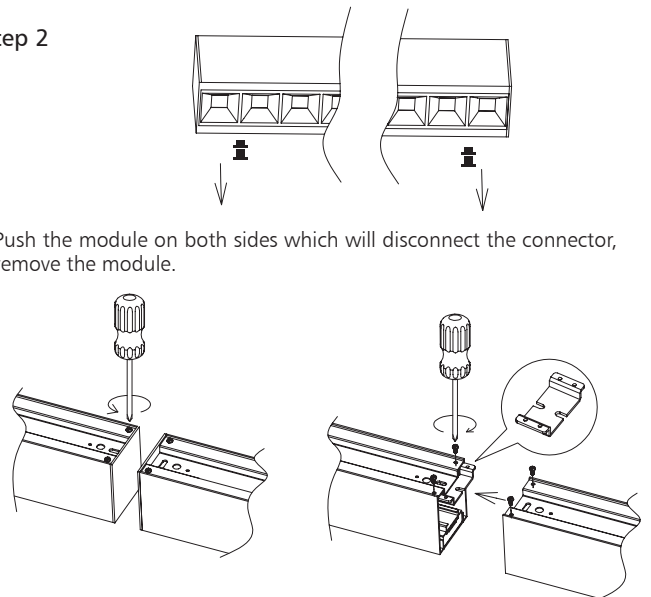Put the module back and push it into the base, turn on the lamp.

Surface mounted:

Step 1

Insert the plastic anchor into the ceiling.
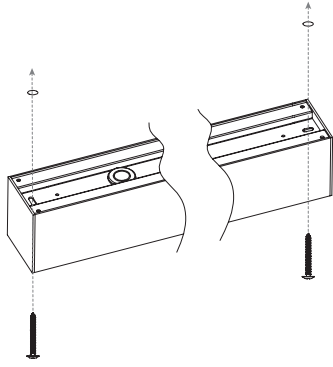
Step 2

Push the module on both sides which will disconnect the connector, remove the module.

If need to be spliced into series, remove the end cap of each connection side, connect them by connectors and fix by screws.
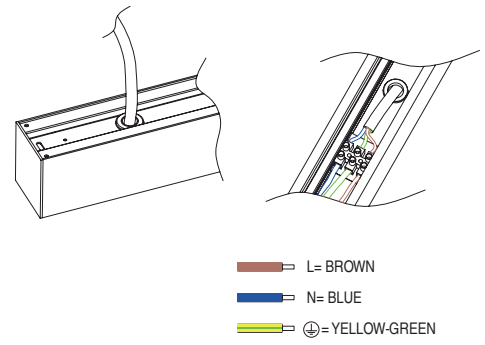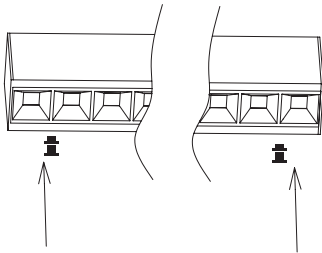
Step 3

Fix the base on the ceiling.

Step 4

L= BROWN
N= BLUE
= YELLOW-GREEN

Connect to the power supply.

Step 5

Put the module back and push it into the base, turn on the lamp.