FDV



LED BATTEN

BA500-BA501

BA LIGHTING

Introduction



This DB41 batten lamp adopts separated module design, has been improved to have wider lighting emitting area ; color temperature and wattage both switchable; surface mounted and suspended installation optional; it can also be spliced in series.

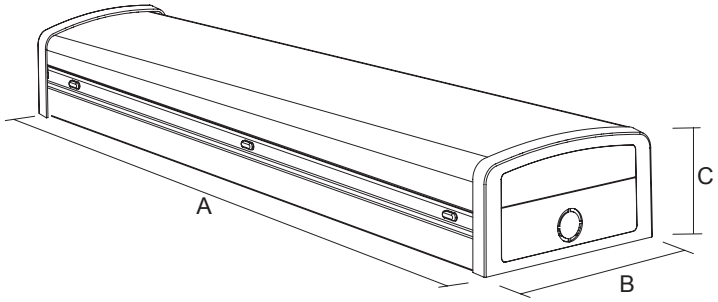
Features

1. Modular design, easy to install.
2. Color changeable, wattage switchable.
3. Splicing in series.
4. With wider lighting emitting area.

Application Areas

Widely used in office, meeting room, hotel, school etc.





120° PF 0.9 CRI ≥80 HOURS 50000 CE RoHS

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				
DB41-600-25W-AC	600	124	68	600*124*68	1.5	1.62	18	20.6	69*41*30.5	12	3360	8064
DB41-1200-42W-AC	1200	124	68	1200*124*68	2.9	3.15	17.4	20.7	129*41*16.5	6	1680	4320

Technical Data Sheet

Model No.			DB41-600-25W-AC	DB41-1200-42W-AC
Watt(W)			10W / 15W / 20W / 25W	20W / 30W / 35W / 42W
Dimension(mm)			600*124*68	1200*124*68
Rated Input Voltage(V)			AC230V	
Input Voltage(V)			AC200-240V	
LED			SMD	
SDCM			≤6	
CCT(K)			1-CCT: 3000K / 4000K / 5000K / 5700K || 3-CCT: 3000K+4000K+5700K	
"Luminous Flux (lm) ±5%"	1-CCT	Non-DIM	10W 950-1100 15W 1500-1650 20W 1920-2100 25W 2400-2500	20W 2200-2300 30W 3000-3300 35W 3500-3675 42W 4200-4300
	3-CCT	Non-DIM	10W 1050-1150 15W 1500-1680 20W 1920-2200 25W 2400-2500	20W 2200-2400 30W 3120-3480 35W 3500-4000 42W 4200-4780
CRI			80	
Beam Angle (°)			120°	
LED Driver			Built-in	
CCT Selection Switch			Yes	
DIM			NO	
Protection Class			Class Ⅰ	
IP Rating			IP20	
IK Rating			IK08	
Finishing color			White RAL 9016	
Material			PC / Aluminium / SPCC	
Lifetime (hr)			50,000h	
Glow wire test (°C)			650℃	
Operating Temp.(℃)			-20˚C ~45˚C	
Storage Temp.(℃)			-20˚C ~65˚C	
Installation			Surface mounted / Pendant	
Brand Driver option			–	

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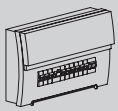
Driver Datasheet

Power	10W / 15W / 20W / 25W	20W / 30W / 35W / 42W
Rated Input Voltage(V)	AC230V	
Frequency	50/60Hz	
Input Voltage	AC200-240V	
Efficiency	≥78%	≥85%
Total load wattage	(10W / 15W / 20W / 25W)±1W	(20W / 30W / 35W / 42W)±5%
Power Factor	0.9	
Rated Input Current	≤0.14A	≤0.24A
Full load output voltage	DC23-40V	DC23-40V
Rated output curent	230mA / 350mA / 450mA / 580mA	500mA / 700mA / 800mA / 1000mA
Output current range	(230mA / 350mA / 450mA / 580mA)±5%	(500mA / 700mA / 800mA / 1000mA)±5%
Power tolerance	±5%	
Current output tolerance	±5%	
Short circuit protection	PASS	
Over voltage protection	PASS	
Over temperature protection	PASS	
THD	<20% @ 230V	
Surge	L/N 1KV L,N-PE 2KV	
Withstand voltage	AC3750V	

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.

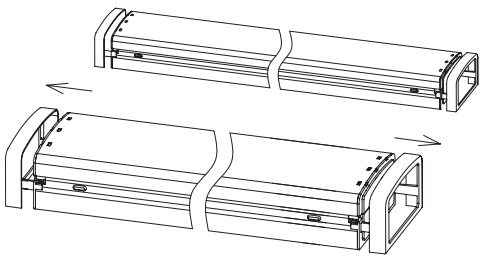




Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

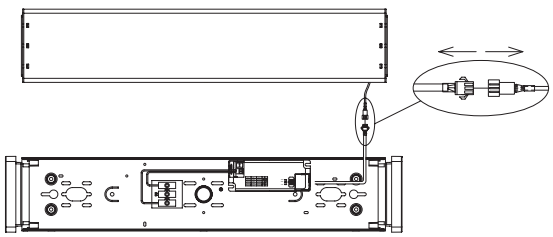
Select the wattage and CCT

Step 1



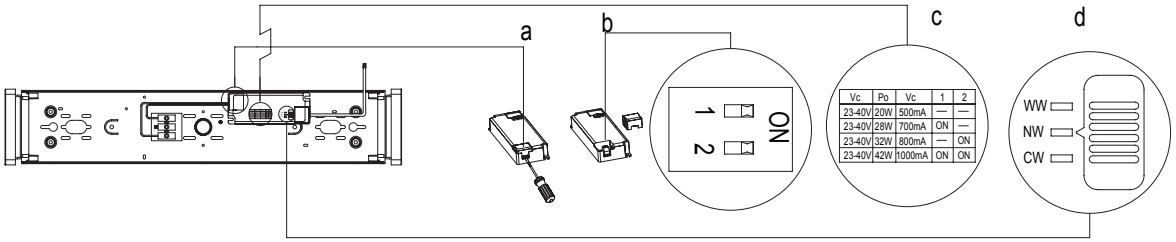
Remove the end cap away from the lamp for around 20mm.

Step 2



Separate the light module from the base, disconnect the plug.

Step 3

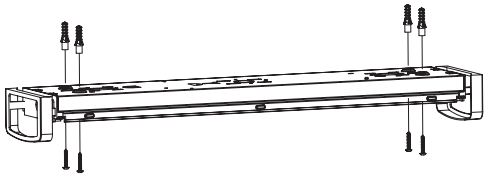


The lamp default setting is maximum power and 4000K.

Select the wattage: open the driver end cap, (picture a), adjust the button(picture b) according to the magnification(picture c) , then fix the end cap back to the driver.
Select the CCT: Adjust the button to select the CCT(picture d).

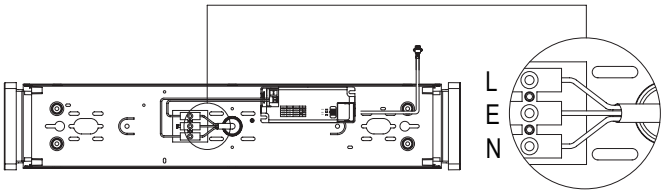
Surface mounted installation, continuous steps as below:

Step 1



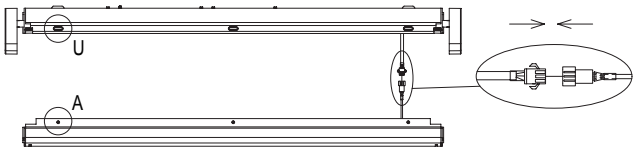
Insert the anchor into the ceiling, fix the base on the ceiling by screws.

Step 2



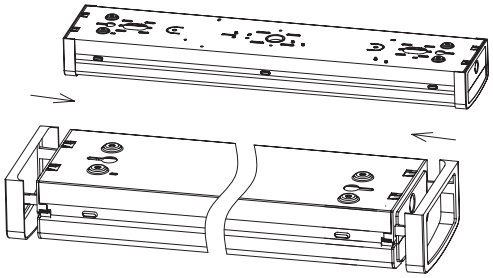
Connect the wires.

Step 3



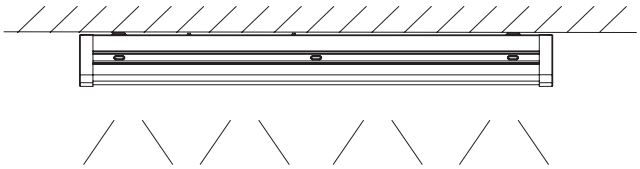
Connect the plug between the light module and base, put the module back to the base and make sure A and U fix well.

Step 4



Fix the end cap back to the fixture.

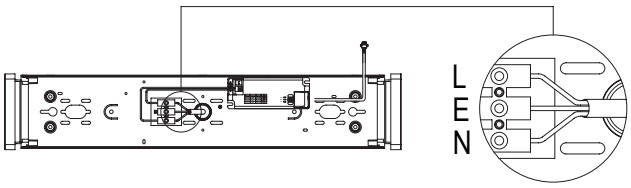
Step 5



Installation complete, turn on the power.

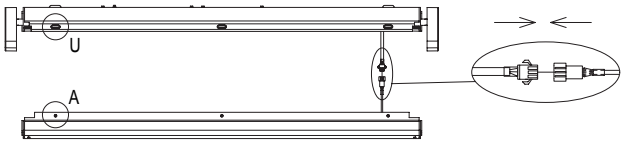
Suspended installation, continuous steps as below:

Step 1



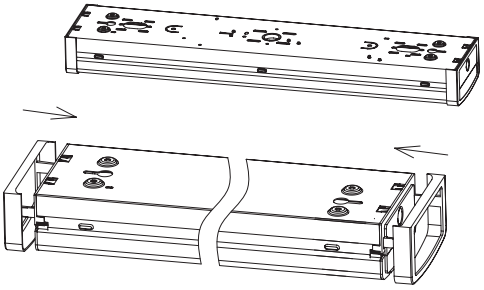
Connect the wires.

Step 2



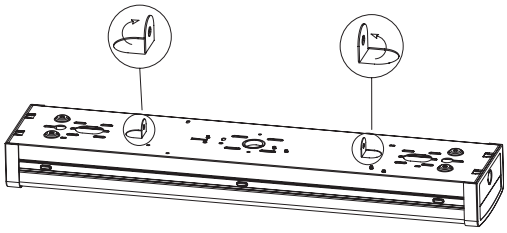
Connect the plug between the light module and base, put the module back to the base and make sure A and U fix well.

Step 3



Fix the end cap back to the fixture.

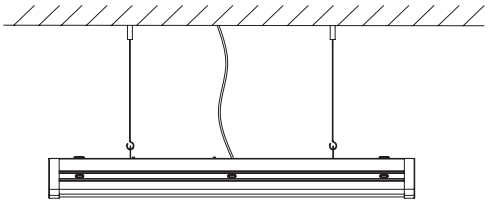
Step 4



Bend the back hook 90 degree.

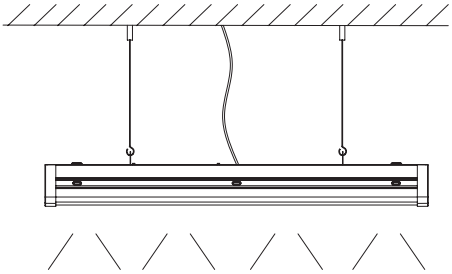
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Step 5



Fix the suspending rope and connect the wires.

Step 6

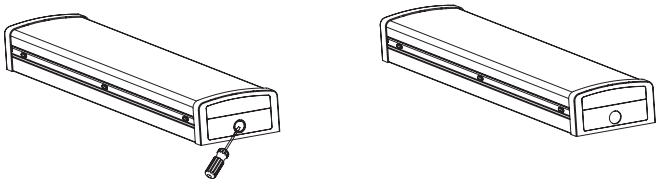


Installation complete, turn on the power.

Splicing installation:

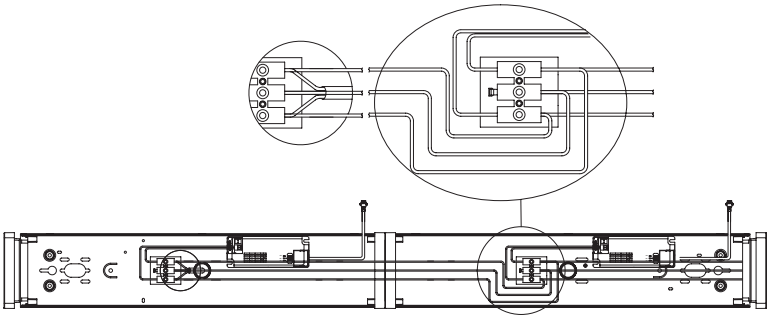
Step 1

Use the straight screwdriver to knock down the side hole of the lamp.



Step 2

If with Surface Mounted, connect the wires according to the schematic diagram.
Please make sure the maximum connected wattage≤ 210W.



Step 3

If with Suspended installation, connect the fittings in series according to the schematic diagram.
Please make sure the maximum connected wattage≤ 210W.

