

LED LINEAR

DB27

Introduction



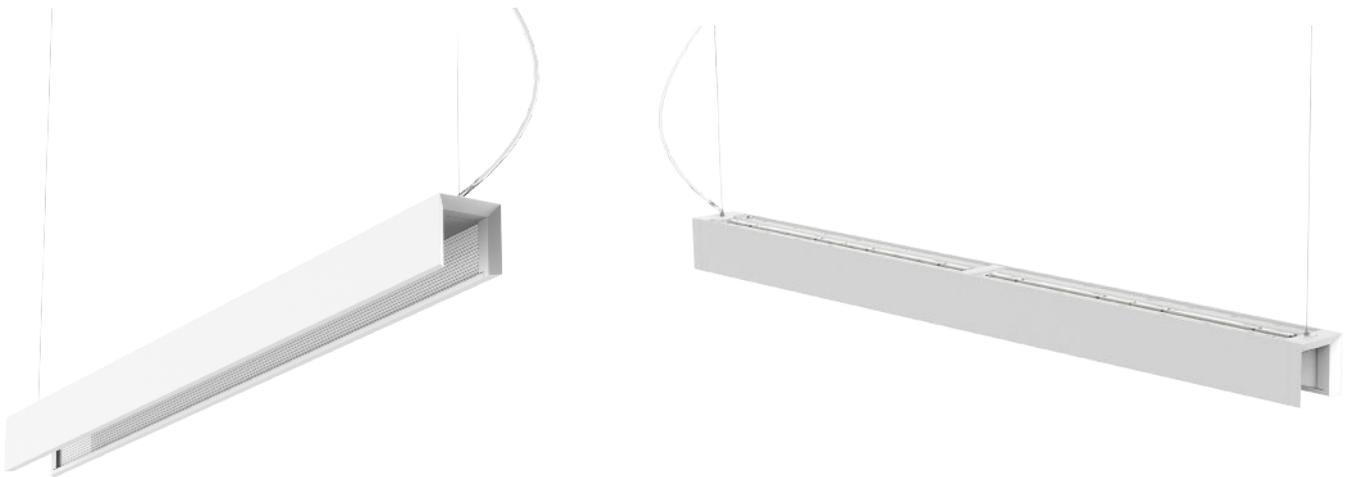
- This Linear luminaire made from aluminum which ensure the excellent heat dissipation, the hidden SMD make only the light visible, also makes the even light output. 0-10V dimmable solution available.

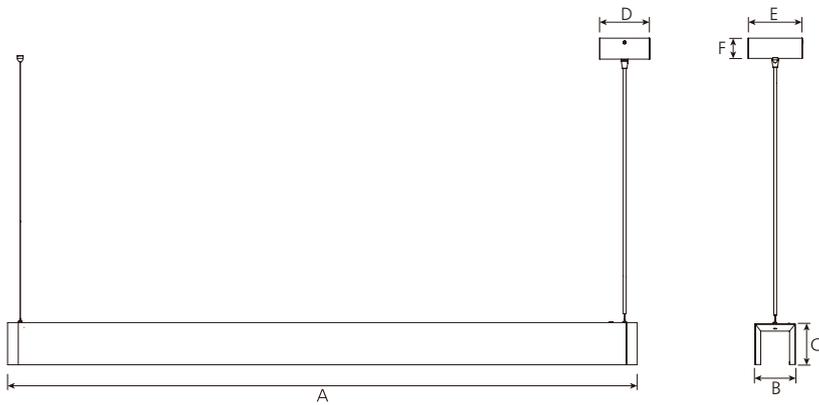
Features

1. Designed for supermarket , factory, station, garage, warehouse, exhibition center etc.
2. LED source invisible, makes the even light output, CRI>80.
3. Integrated 0-10V dim driver share great popularity by excellent dimming effect.
4. Unique and fashion design, with easy installation and maintenance.
5. Spliced design makes the installation various.
6. High-quality optical design, both upward ambient lighting, but also down the main lighting.

Application Areas

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





Measurement

Module	Dimension(mm)						Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D	E	F		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
38W	1263	83	85	114.5	128	48	1263*83*85	3	3.4	18	20	157*41.9*29.5	6	840	2070

Technical Data Sheet

Model No.		DB27-38W-DO	
Watt(W)		38W	
Dimension(mm)		1263*83*85	
Rated Input Voltage(V)		AC100-277V	
Input Voltage(V)		AC90-305V	
LED		SMD	
SDCM		<6	
CCT(K)		3000K / 4000K / 5000K / 5700K	
"Luminous Flux (lm) ±5%"	1-CCT	Non-DIM	-
		DIM	Up: 600 / Down: 3200
CRI		≥80	
Beam Angle (°)		120°	
LED Driver		Built-in	
DIM		0-10V	
Protection Class		Round Connection / Class I	
IP Rating		Dry location / IP20	
IK Rating		-	
Finishing color		Sand grey	
Material		Aluminium	
Lifetime (hr)		50,000h @ 25°C	
Glow wire test (°C)		-	
Operating Temp.(°C)		-20°C ~45°C	
Storage Temp.(°C)		-20°C ~65°C	
Installation		Pendant	
Brand Driver option		-	

Driver Datasheet (0-10V Dimmable)

Power	38W
Rated Input Voltage(V)	AC100-277V
Frequency	50/60Hz
Input Voltage	AC90-305V
Efficiency	84%
Total load wattage	38W±5%
Power Factor	0.9
Rated Input Current	≤0.47A
Full load output voltage	DC54V
Rated output current	980mA
Output current range	980mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Dimming Range	8%-100%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
THD	≤20% @230V
Surge	L-N 500V
Withstand voltage	AC1500V

Note: 0-10V driver specification, please refer to individual driver datasheet.

UL 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.



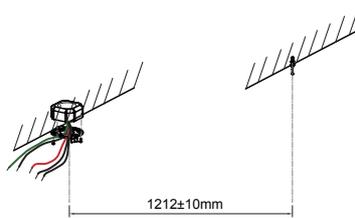
Turn Off Power Supply

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

Single suspended installation:

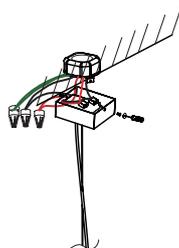
Step 1

Make the wires through the holes of the surface mounted kit, fix the kit on the J-box, attach the fit on the J-box by screws, fix the holders of suspending rope and surface mounted frame on the ceiling (make sure the distance between the 2 ropes are $1212 \pm 10\text{mm}$).



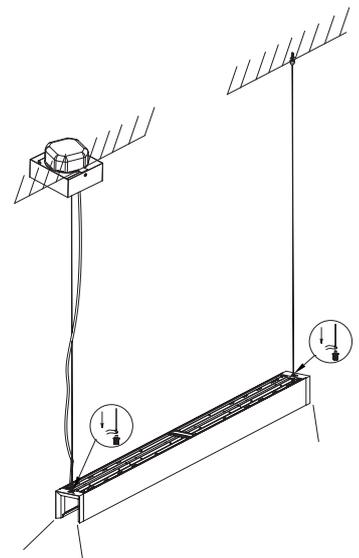
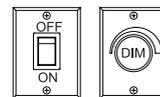
Step 2

Connect the wires by wiring cap, tighten the screws on the mounted fit.



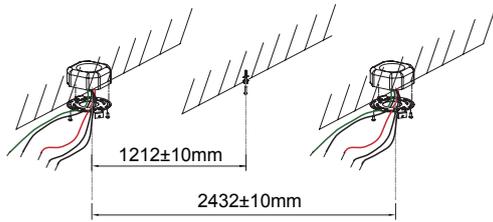
Step 3

Fix the suspending rope on the lamp, turn on the power.



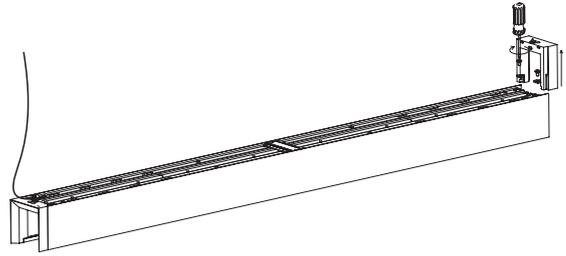
Splicing suspended installation:

Step 1



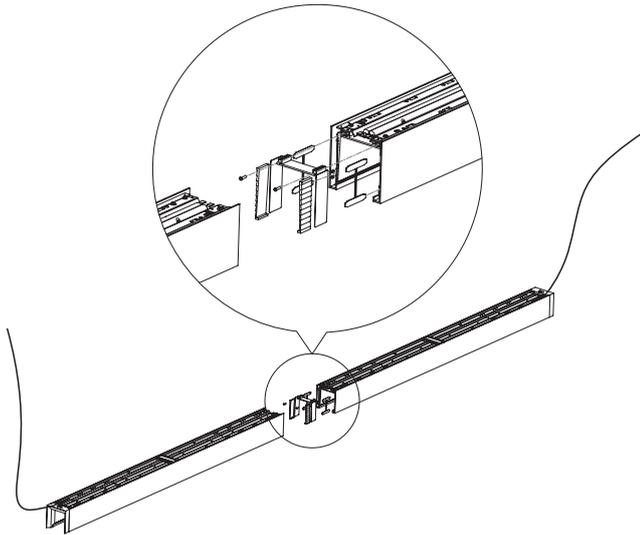
Make the wires through the holes of the surface mounted kit, fix the kit on the J-box, attach the fit on the J-box by screws, fix the holders of suspending rope and surface mounted frame on the ceiling (make sure the distance between two surface mounted kits is 2432 ± 10 mm).

Step 2



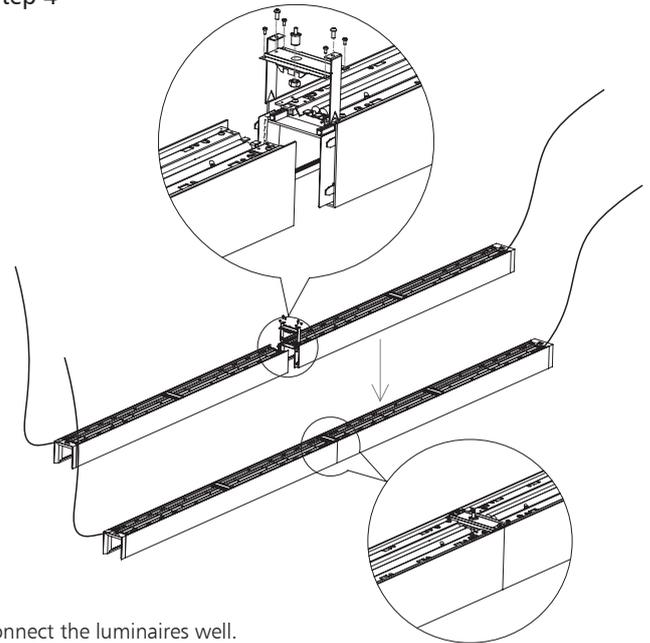
Remove one end cap of the lamp.

Step 3



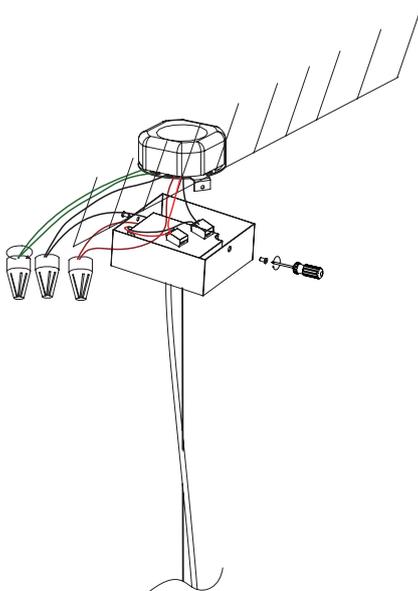
Fix the fixed leg, insert the connection frame, reflector between two luminaires.

Step 4



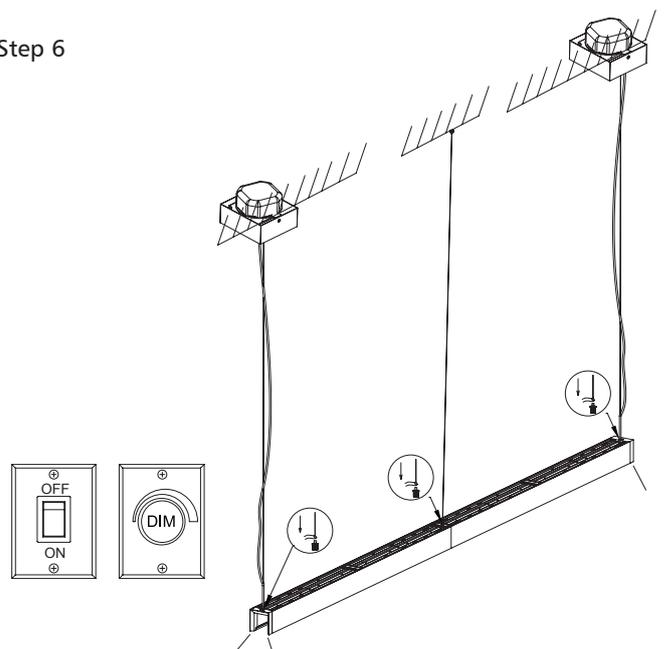
Connect the luminaires well.

Step 5



Connect the wires by wiring cap, tighten the screws on the mounted fit.

Step 6



Fix the suspending rope on the lamp, turn on the power.

EU Installation Procedure

WARNING

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
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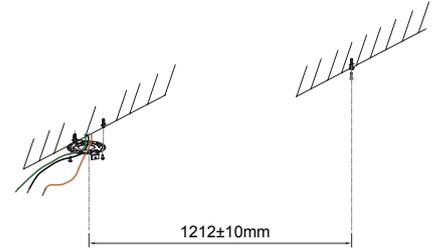
Turn Off
Power Supply

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■ Single suspended installation:

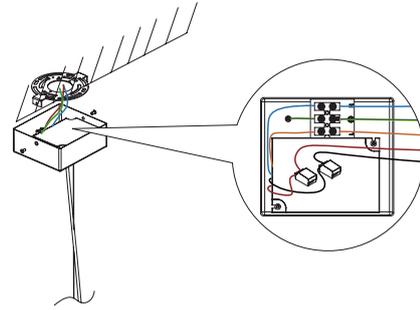
Step 1

Put the cable through the hole of MOUNTING PLATE, and then fix the MOUNTING PLATE to the ceiling. On the other side, fix the holders of suspending ropes to the ceiling, the proper distance of 2pcs suspending rope is $1212 \pm 10\text{MM}$. cover using MOUNTING SCREWS.



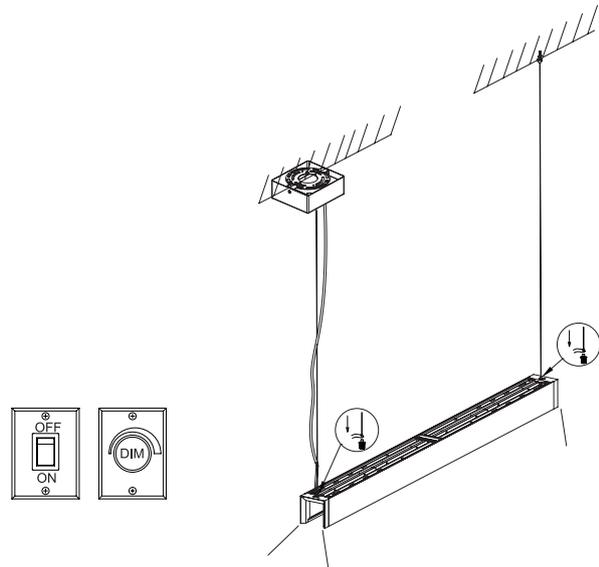
Step 2

Connect the cables to terminal respectively (brown to L, blue to N, green yellow to the ground), connect DIM+, DIM- for dimmable function. Fix the canopy to the mounting plate by screws.



Step 3

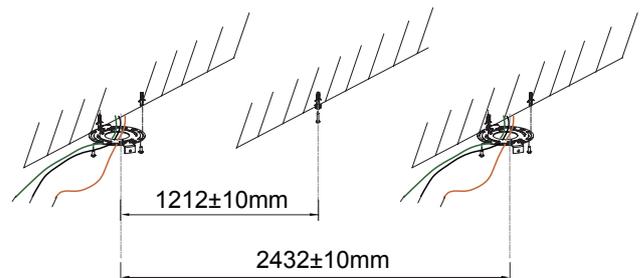
Fix the suspending rope to the lamp, installation complete.



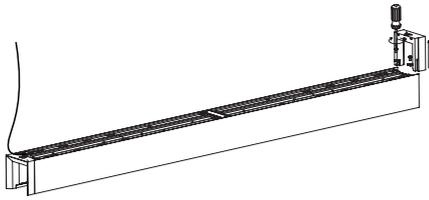
■ Splicing suspended installation:

Step 1

Make the wires through the holes of the surface mounted kit, fix the kit on the cover, attach the fit on the cover by screws, fix the holders of suspending rope and surface mounted frame on the ceiling (make sure the distance between two surface mounted kits is $2432 \pm 10\text{mm}$).

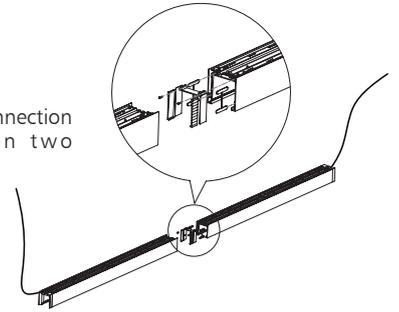


Step 2



Remove one end cap of the lamp.

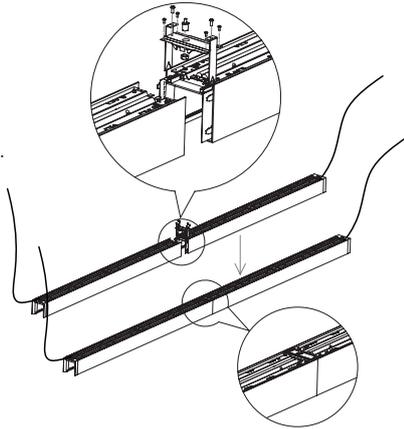
Step 3



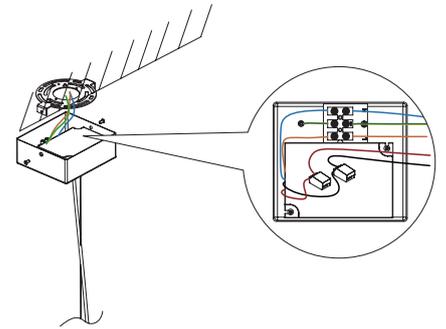
Fix the fixed leg, insert the connection frame, reflector between two luminaires.

Step 4

Connect the luminaires well.



Step 5



Connect the wires by wiring cap, tighten the screws on the mounted fit.

Step 6

Fix the suspending rope on the lamp, turn on the power.

