



LED CEILING LIGHT

MANE 350

Introduction



Mane is a new super slim design ceiling light, adopting high lumen SMD LED and lighter weight fire-rated material to ensure better heat resistance. The base and shade are detachable which make easier maintenance and installation. It also supports following functions:

3 CCT: 3 CCT in one lamp, CCT changed by DIP switch

S: Adjustable sensor

E: Emergency (self-test)

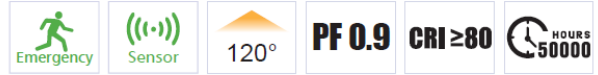
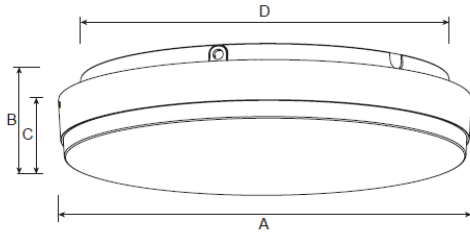
Features

1. High lumen efficiency
2. IP54, IK08
3. Interchangeable CCT by slide switch: 3000K/4000K/5700K
4. Multiple function: Microwave sensor, Emergency

Application Areas

It is designed for general lighting applications in office, supermarket, shop, school, hotel, etc. It is also widely used for public areas such as stairways, lobby, reception, corridors, etc.





Measurement

Model	Dimension(mm)				Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
11"	Ø275	65	51	Ø245	Ø275*65	0.7	0.86	8.4	11.5	58.5*46.5*31	12	3780	9024
14"	Ø350	65	51	Ø320	Ø350*65	1	1.22	6	8.4	46.5*37.5*38.5	6	2592	5400

Technical Data Sheet

Model No.	BLI351425W		BLI351425WSS		BLI351425WE		BLI351425WM	
Watt(W)	25W							
Dimension(mm)	Ø275*65				Ø350*65			
Rated Input Voltage(V)	AC100-240V AC230V							
Input Voltage(V)	AC85-265V AC200-240V							
LED	SMD							
SDCM	<6 (@ 3000K 4000K 5000K)							
CCT(K)	3-CCT: 3000K + 4000K + 5700K							
"Luminous Flux (lm) ±5%	3CCT	Non-DIM		2400~3000	2400~2900			
CRI	≥80							
Beam Angle (°)	120°							
LED Driver	Built-in							
Microwave Sensor	Yes							
Emergency Kits	Yes							
CCT Selection Switch	Yes							
Protection Class	Class II							
IP Rating	IP54							
IK Rating	IK08							
Finishing color	White RAL 9016							
Material	PP							
Lifetime (hr)	50,000h							
Glow wire test (°C)	750°C (Cover) / 850°C (Lamp Base)							
Operating Temp.(°C)	-20°C ~45°C							
Storage Temp.(°C)	-20°C ~65°C							
Installation	Surface mount							
Brand Driver option	-							

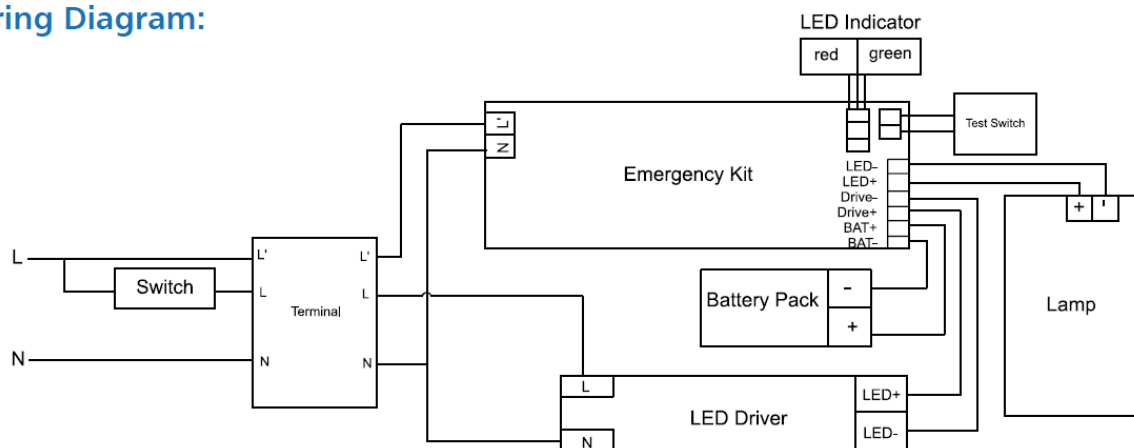
Driver Datasheet (Non-Dimmable)

Model No.	25W		
Rated Input Voltage(V)	AC100-240V		
Frequency	50/60Hz		
Input Voltage	AC85-265V		
Efficiency		≥88%	
Total load wattage		25W±5%	
Power Factor		0.9	
Rated Input Current		≤0.28A	
Full load output voltage		DC60-75V	
Rated output current		325mA	
Output current range		325mA±5%	
Power tolerance		±5%	
Current output tolerance		±5%	
Short circuit protection		PASS	

Driver Datasheet (Emergency)

Power	3W	
Rated Input Voltage(V)	AC230V	
Frequency	50/60Hz	
Input Voltage	AC200-240V	
Total load wattage	3W±0.5W	
Rated Input Current	≤0.03A	
Battery	6.4V 1500mAh (LifepO4)	
Lifetime	Over 2000 cycles	
Battery duration	≥3hrs	
Charge Period	≥24hrs	
Emergency switching time	≅ 1S	

Wiring Diagram:



Instructions for automatic test option

1. Once the unit is powered up it will automatically initiate a self test and diagnostics as follows:

- Every 4seconds: Check for battery disconnection, charger board fault, lamp failure and transformer failure.
 - Every month: Perform a 3minute duration test.
 - Every year: Perform a 1 Hour or 3 Hours duration test.
- All test functions are factory preset and do not need field adjustment.

2. Dual Colour Indicator LED Status Mesnings

- Green Solid On Ready/Normal Operation
- Red Requires Service

•	One flash, 4 second pause	Battery not connected
• •	Two flashes, 4 second pause	Battery short or low battery voltage
• • •	Three flashes, 4 second pause	Charger board fault
• • • •	Four flashes, 4 second pause	Transformer fault
• • • • •	Five flashes, 4 second pause	LED lamp fault

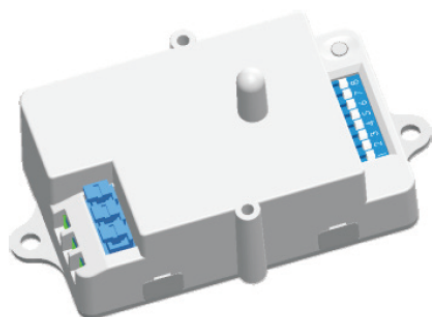
NOTE: After repairing a service fault, press and hold the test button for 2 seconds to reset the flashing indicator light to green.

3. Manual Test

Press test button once	30 second duration test
Press test button twice within 2 seconds	3 minute duration test
Press test button 3 times within 2 seconds	30 minutes duration test
Press test button 4 times within 2 seconds	1 or 3 hours duration test

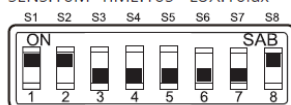
Note: DALI & 0-10V driver specification, please refer to individual driver datasheet.

Sensor Setting



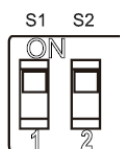
Default setting

SENS:10M TIME:10S LUX:10lux



SK605B	
Operating voltage	220~240Vac, 50/60Hz
Transmission power	<0.2mW
Rated load	1200W/5A, Max, tungsten (cosφ=1) 600W/2.5A, Max, fluorescent (cosφ=0.5)
HF system	5.8GHz CW electric wave, ISM band
Detection angle	360°
Detection range	2m/5m/8m/10m (radii). (adjustable)
Time setting	10sec±3sec/1min±10sec/5min±30sec/ 10min±1min/15min±1min/20min±2min/ 25min±2min/30min±3min (adjustable)
Installation sit	indoors, ceiling mounting
Working temperature	-15°C ~ +70°C
Power consumption	approx. 0.5W

Detection range setting (sensitivity)



SENS: S1, S2

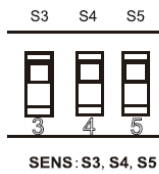
S1	S2	detection range
0	0	2m
0	1	5m
1	0	8m
1	1	10m

Detection range is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 2.5m, pull switch to the ON position as "1", pull switch to the OFF position as "0", switch location and detection range of the corresponding table is as follows:

Note: the above detection range is gained if the detected person is between 1.6m~1.7m tall with middle figure and moves at a speed of 1.0~1.5m/sec. if person's stature, figure and moving speed change, the detection distance will also change.

ATTENTION: When use this product, please adjust the sensitivity to an appropriate position you need, please do not adjust the sensitivity to maximum, in case the product works abnormally because of wrong motion detection, including blowing leaves & curtains small animals, or even power grid & electrical equipment. All the above factors can lead to abnormal work. When the product does not work normally, please try to lower the sensitivity appropriately, and then test it.

Time setting



S3	S4	S5	TIME
0	0	0	10s
0	0	1	1min
0	1	0	5min
0	1	1	10min
1	0	0	15min
1	0	1	20min
1	1	0	25min
1	1	1	30min

The light can be set to stay ON for any period of time between approx. 10sec and a maximum of 30min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.

Pull switch to the ON position as "1", pull switch to the OFF position as "0", switch location and detection range of the corresponding table is as follows:

NOTE: after the light switches OFF, it takes approx. 4sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.

Installation Procedure

WARNING

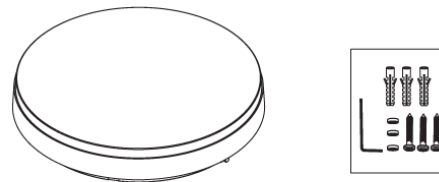
1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



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

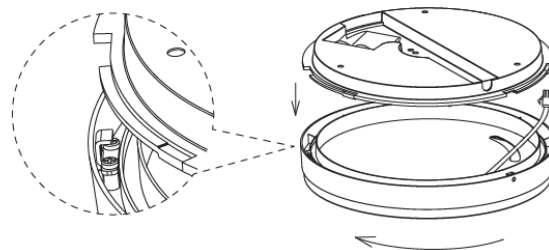
Surface Mounted Installation

Step 1



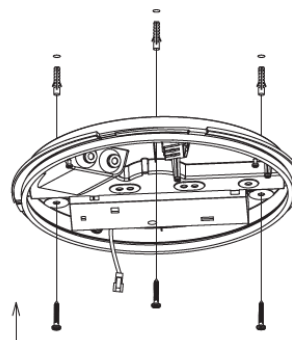
Take out ceiling light and accessory pack from box.

Step 2



Take the lamp cover apart by rotating it in anti-clockwise direction.

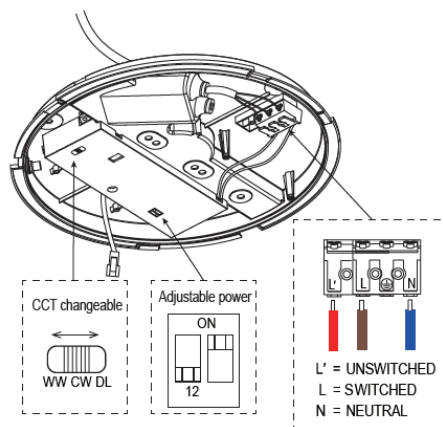
Step 3



Knock-in the plastic anchor into ceiling, fix the base.

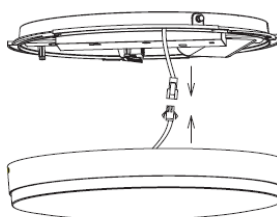
Step 4

Feed the AC wire into terminal block respectively; If with 3CCT or changeable power function, choose preferred CCT or wattage by slide switch.



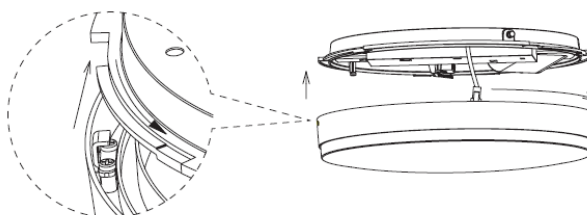
Step 5

Plug the male and female connector.



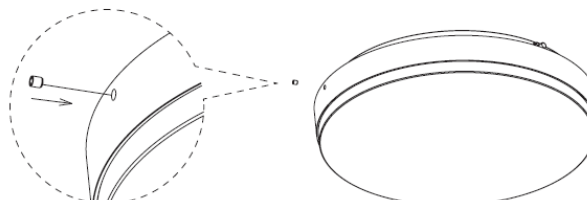
Step 6

Align the hooks on the lamp cover with the notch of the base, rotate the lamp cover clockwise until they match well.



Step 7

Lock the anti-theft screws on the side of the lamp body.



Step 8

Switch on.

