

## Specification - Com Lite Downlights CLC Models

Revision 1



Product Information				
Model No.	CLC9MC	CLC11MC	CLC12MC	CLC24MC
Power Consumption(±5%)	9w	10w	12w	23w
Power Supply	Com Lite or Lifud			
Input Voltage	220-240 VAC, 50-60Hz			
Power Factor	>0.90			
Driver Type	Constant Current			
LED Type	SMD 2835			
UGR Value	<19			
Luminous Flux (±10%) 3000/4000k Ra80	1180/1270lm	1390/1480lm	1580/1680lm	3050/3325lm
Efficiency (4000k)	> 140lm per watt			
CCT	3000/4000/5700k			
Color Rendering Index	Ra80			
Beam Angle	60 degrees			
Class	Class II			
SCDM	< 6			
IK rating	IK06			
IP Rating	IP54 (below ceiling)			
Colour	White (RAL9016)			
Dimensions (Dia x H)	145x55mm	170x58mm	190x61mm	228x61mm
Cut Out	120-130mm	140-150mm	160-170mm	200-210mm
Options				
Dimmable	Dali, 1-10v, Triac			
Emergency	Standard, self test, Dali self test			
Sensor	Inbuilt for 12w model, others remote			
Applications				
Apartment complexes, Board Rooms, Corridors, Hotels, Reception Area's, Retail				
Lifespan and Warranty				
Lifetime of LED @ Ta=25°C	> 50,000hrs L80B20			
Warranty	5 years			

## Accessories

### Inbuilt PIR for CLC12MC (model CLC12MC/SN)

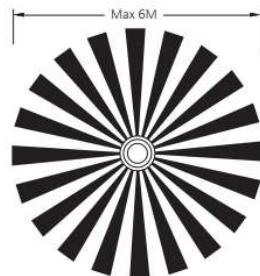
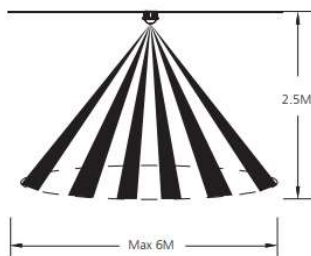
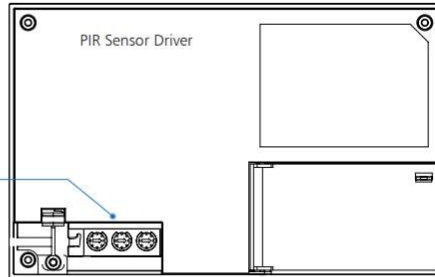
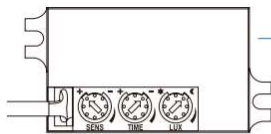
#### Surface Mounting Kits



Available for CLC9MC, CLC12MC, CLC24MC

## Detection Pattern

Factory settings		
Detection Area	Hold Time	Daylight Sensor
100%	10S	10lux



#### Detection area:

The detection area can be adjusted by the knob, clockwise adjustment increases the sensitivity, counterclockwise adjustment reduces the sensitivity, the maximum detection distance is 6 meters, the minimum detection distance is 2 meters.

**Notice 1:** The distance test is carried out under  $T_{a25^{\circ}C}$ , 1.8 meters wall mounting installation height. The test result is based on the movement along the tangential direction of the sensor, and the detect distance can be adjusted by the dial switch.

**Notice 2:** Infrared sensor will be affected by temperature. Too high or too low temperature may affect the detect distance or even cause failure to sensor.



#### Hold time:

The hold time can be adjusted by the knob. Clockwise adjustment increases the hold time, counterclockwise adjustment reduces the hold time, the maximum hold time is 7min, and the minimum hold time is 10S.

**Notice 1:** The hold time counting should be started after the sensor is powered on and initialized.



#### Daylight sensor:

The light threshold can be selected through the Knob. Clockwise adjustment increases the light threshold, counterclockwise adjustment reduces the light threshold, the maximum light threshold is 2000lux, and the minimum light threshold is 10lux.

**Notice 1:** The light threshold may cause a large deviation in different lamps.