

## APPLICATIONS

This CCT & Power Tunable commercial downlight use aluminum housing, anti-corrosion painting design. High-performance illumination which can lasts 50,000HRS, Replace 20-100W MH/HPS.

**Shopping, Hospital Centre, Exhibition, Hotel  
Lobby, Office, Home, etc.**



## FEATURES

- Available in 5 color temperatures and 3 powers
- This product emits evenly ,without halo and shadows
- 100-277VAC with 0-10V dimming
- Suitable for Wet Location.
- Flicker free , flicker is less than 5% ,
- Suitable for 2.4G intelligent control technology
- ETL Listed for wet and type IC
- ENERGY STAR approved for superior energy efficiency
- EMC certification



## PROJECTED LED LUMEN MAINTENANCE

| Operating hours          | 0 | 25000 | 50000 |
|--------------------------|---|-------|-------|
| Lumen maintenance factor | 1 | 0.91  | 0.8   |

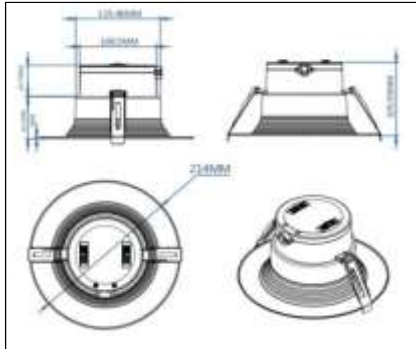
Data references the extrapolated performance projections for the LED commercial downlight platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

### GENERAL SPECIFICATION

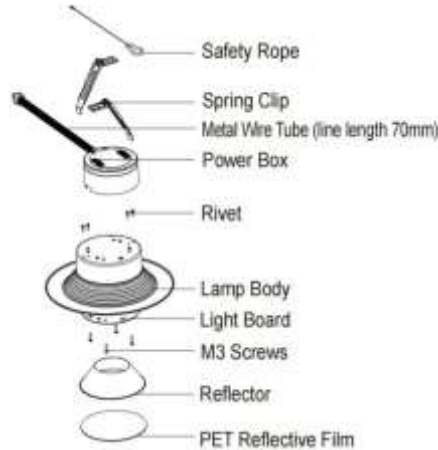
| Model No.               | 6CMCT22LR05  | 8CMCT30LR05 |
|-------------------------|--|-------------|
| Input Power             | 12W/17W/22W  | 17W/24W/30W |
| Lumen                   | 1140-2200LM  | 1615-3300LM |
| Lumen Efficacy          | 95-100LM/W   | 95-110LM/W  |
| Size                    | 6 inch   | 8 inch      |
| Color Temperature       | 2700K, 3000K, 3500K, 4000K, 5000K                                      |             |
| CRI                     | >80  |             |
| SDCM                    | ≤6   |             |
| UGR                     | <28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)                     |             |
| Viewing Angle           | 100°   |             |
| Input Voltage           | 100-277VAC 50/60Hz   |             |
| Dimming Mode            | 0-10V  |             |
| Dimming Range           | 0%-100%  |             |
| Flicker Percent         | <5%  |             |
| Driver                  | 0-10V dimming driver   |             |
| LED Brand               | Lumileds   |             |
| LED Type                | SMD 2835   |             |
| Housing                 | Die-cast aluminum+PC Lens  |             |
| Switch Control Function | Selectable   |             |
| Starting Time           | ≤1S  |             |
| ON/OFF                  | 20000 times  |             |
| Housing Color           | White  |             |
| Waterproof Rating       | Wet location   |             |
| Operating Temperature   | -10°C TO 50°C  |             |
| Operating Humidity      | 20%-90% RH   |             |
| Storage Temperature     | -10°C TO 50°C  |             |
| Storage Humidity        | 10%-95% RH   |             |
| Warranty Time           | 5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C. |             |

### DIMENSIONS

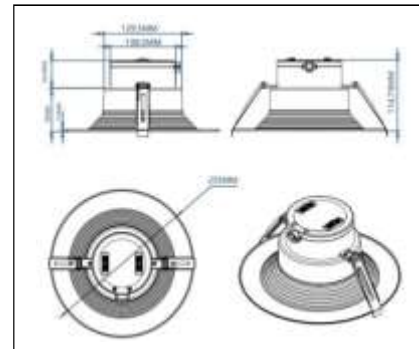
6inch



Exploded Drawing



8 inch



Packing Content



### PACKAGE INFO.

|       | Model     | Carton Dimension(mm/in)                | Qty/Carton | N.W(kg/lbs)         | G.W(kg/lbs)         |
|-------|-----------|--|------------|---------------------|---------------------|
| 6inch | Inner Box | 232*232*125 mm<br>(9.13*9.13*4.92in)   | 1pcs       | 0.58kg<br>(1.28lbs) | 0.87kg<br>(1.91lbs) |
|       | Outer Box | 480*265*272 mm<br>(18.9*10.43*10.71in) | 4pcs       | 2.32kg<br>(5.1lbs)  | 2.9kg<br>(6.38lbs)  |
| 8inch | Inner Box | 307*307*145mm<br>(12.09*12.09*5.71in)  | 1pcs       | 0.64kg<br>(1.41lbs) | 0.93kg<br>(2.05lbs) |
|       | Outer Box | 320*320*315mm<br>(12.6*12.6*12.4in)    | 4pcs       | 2.56kg<br>(5.63lbs) | 3.1kg<br>(6.82lbs)  |

### Notice For User:

- ◆ Please turn off power before install or change assembly parts.
- ◆ The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- ◆ No-professionals, must not install and disassemble the lamps.

## TROUBLE SHOOTINGS

| Troubles                | Check points   |
|-------------------------|--|
| Flickering of the light | Turn off the power and turn on again in 3 minutes.<br>If same phenomena occur, then call agencies. |
| Out of working          | Please check the connection.   |