

# LED Uplight Parking Garage Canopy Series

**Lighting and Power**  
Technologies LLC

Wattages: 45W, 70W, 90W

Code: 90401-45



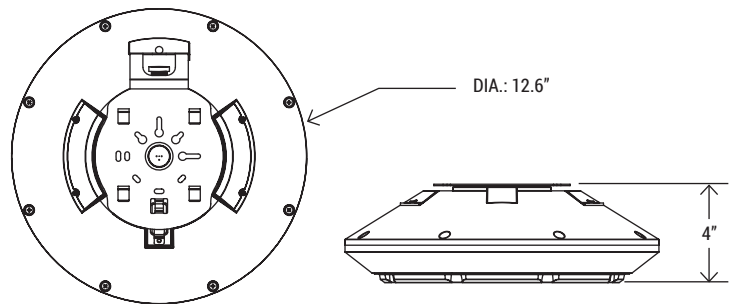
LED Uplight Parking Garage Canopy Lighting series can be widely used in indoor or outdoor lighting (wet location), like parking garages, mechanical or electronic processing workshops, storage warehouses, steel mills, gas stations, toll booth, waiting rooms, the platforms of railway station, indoor stadiums and flower cultivating tents etc.



## FEATURES

- LED high luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V.
- Die-cast aluminum cooling design, high quality and better cooling for LED  $T_j < 85^{\circ}\text{C}$ .
- Excellent optics design, greatly improve the light utilization and evenness.
- Photocell, motion sensor control available (Optional)

## DIMENSION



| SPECIFICATION       |                      |          |          |
|---------------------|----------------------|----------|----------|
| WATTAGE             | 45W                  | 70W      | 90W      |
| LUMEN               | 6300 lm              | 9800 lm  | 12600 lm |
| UPLIGHT (%)         | 8.9%                 | 11.4%    | 14.8%    |
| EFFICACY            | 140 lm/W             | 140 lm/W | 140 lm/W |
| CCT                 | 4000K, 5000K         |          |          |
| CRI                 | 70                   |          |          |
| INPUT VOLTAGE       | AC120-277V           |          |          |
| BEAM ANGLE          | 156°                 |          |          |
| POWER FACTOR        | 0.90                 |          |          |
| DRIVER EFFICACY     | 90%                  |          |          |
| DIMMING             | 1-10V dimming        |          |          |
| LIFE SPAN           | over 50,000 hrs      |          |          |
| WORKING TEMPERATURE | -22°F ~ 113°F        |          |          |
| STORAGE TEMPERATURE | -40°F ~ 176°F        |          |          |
| OUTDOOR RATING      | Wet location         |          |          |
| CABLE               | 3 core, 18AWG (0.3m) |          |          |
| WARRANTY            | 5 year limited       |          |          |

Lighting and Power Technologies

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sales@lightingandpowertech.com www.lightingandpowertech.com

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## EMERGENCY BACK-UP (SOLD SEPARATELY)



**BLD-CM20N-480800-8W**  
8W Emergency Backup Battery LED Driver

## CONTROL (SOLD SEPARATELY)



**JL-413C**  
Photocell control for Uplight Garage Canopy



**BRI810-B-M8**  
Mounts in an outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution



**RC**  
Remote Controller

## ORDERING INFORMATION:

| LPT     | UPGC                                   | 45W                                       | 27                 | YYK                            | Z                                                                  | Y               | E                      |
|---------|----------------------------------------|-------------------------------------------|--------------------|--------------------------------|--------------------------------------------------------------------|-----------------|------------------------|
| COMPANY | PRODUCT                                | WATTAGE                                   | VOLTAGE            | CCT                            | FINISH                                                             | CONTROL 1       | CONTROL 2              |
|         | UPGC<br>(Up Light<br>Garage<br>Canopy) | 45W - (45W)<br>07W - (70W)<br>09W - (90W) | 27<br>(AC120-277V) | 40K - (4000K)<br>50K - (5000K) | D - (Dark<br>Bronze)<br>W - (White)<br>B - (Black)<br>S - (Silver) | P - (Photocell) | M - (Motion<br>Sensor) |

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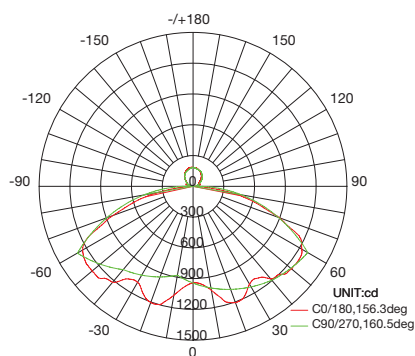
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## PHOTOMETRICS

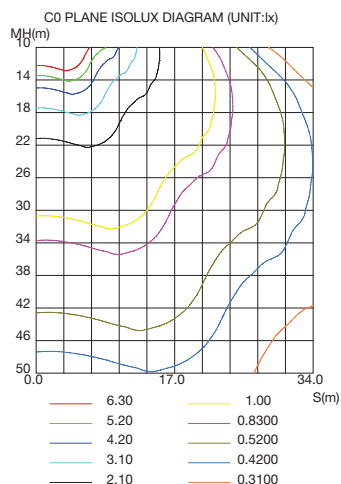
For complete IES files, please visit our website.

### 45W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

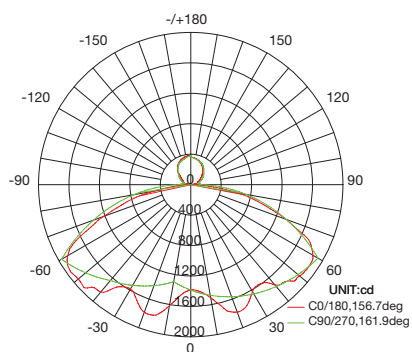


AVERAGE BEAM ANGLE(50%):158.4 DEG

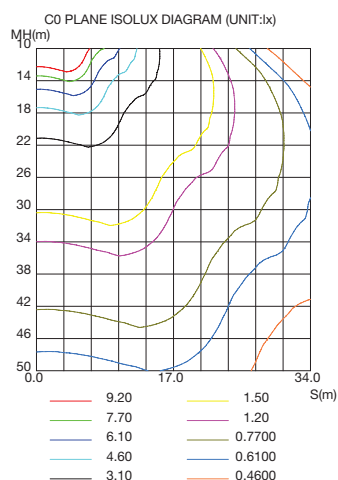


### 70W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

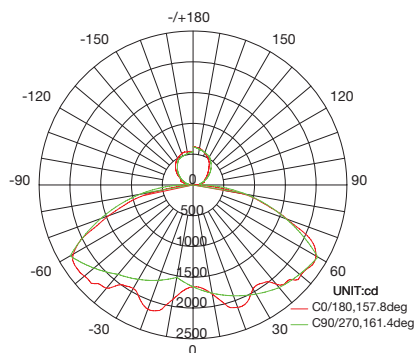


AVERAGE BEAM ANGLE(50%):159.3 DEG

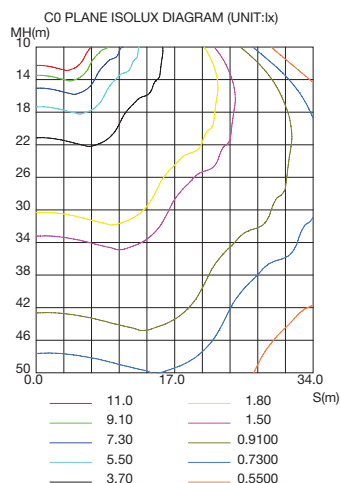


### 90W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):159.6 DEG



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WARNING

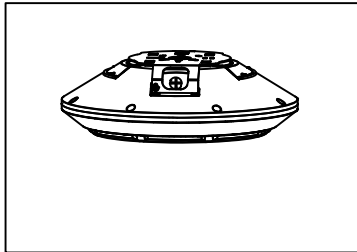
### PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

- To prevent personal injury or product damage, only licensed electricians should install.
- To avoid electric shock or component damage, disconnect power before attempting installation or servicing.
- This product must be installed in accordance with the national electric code (NEC) and all applicable federal, state and local electric codes and safety standards.
- Disconnect product and allow cooling prior to servicing.
- Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction.
- To prevent product malfunction and/or electrical shock this product must be properly grounded.
- This luminaire is designed to operate in ambient temperatures ranging from -30°C to 40°C and to be horizontally mounted with the LEDs facing down.

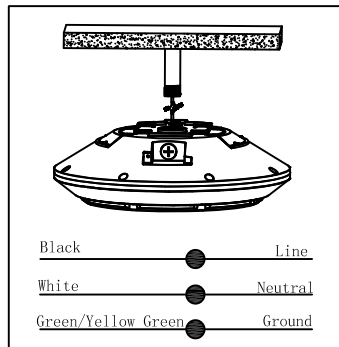
## Installation

### 1. Pendant with 3/4 inch Conduit

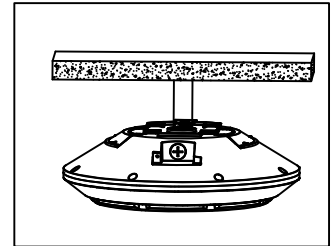
1. Loosen the screw on side of the light, removing the bracket from canopy light by pulling it out



2. Connect the wires threaded from conduit and canopy, Black wire for Line, White for Neutral, Yellow Green for ground

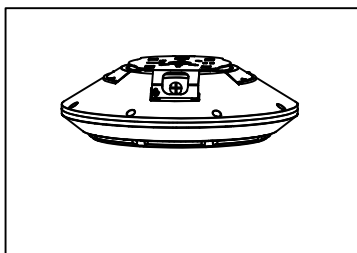


3. Screw the conduit into the hole on top of canopy light. Installation done.

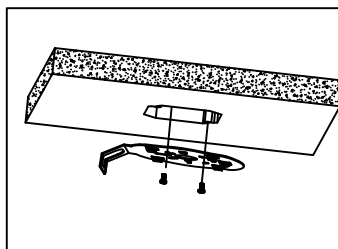


### 2. Surface Mounted with J-box

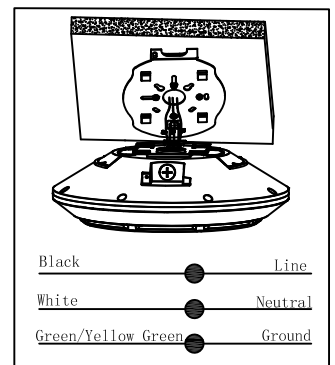
1. Loosen the screw on side of the light, removing the bracket from canopy light by pulling it out



2. Fix the bracket on J-box, and put the wire through the central hole for wiring



3. Attach the Canopy light with bracket by putting the ring on clips again. Connect the Black wire for line, white for Neutral, Yellow Green for Ground.



4. Slide the Canopy lights into bracket, and secure the screw on side of the light to prevent the light sliding out from the bracket. Installation done.

