



## Note:

“a” can be any two letters to represent lamp colors;

WH=White, BR=Brown, or Customized;

“b” can be S or blank;

represent Surge protector or None Surge protector;

“c” can be M or blank;

represent Motion-sensor or None motion-sensor;

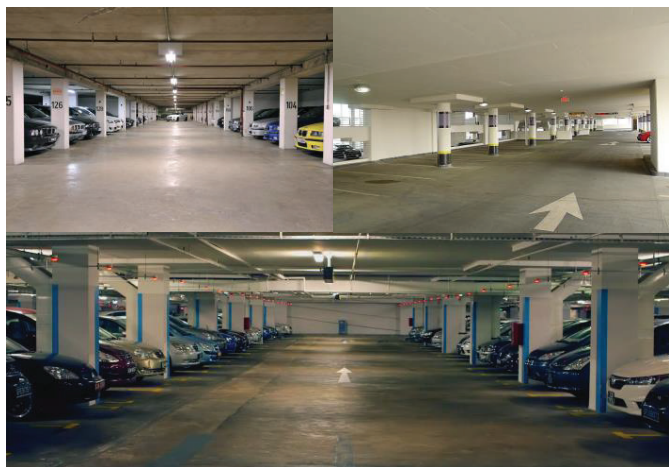
“d” can be any two digits to represent CCT, can be

30=3000K, 35=3500K, 40=4000K,

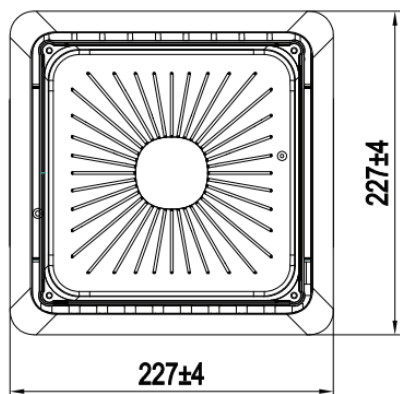
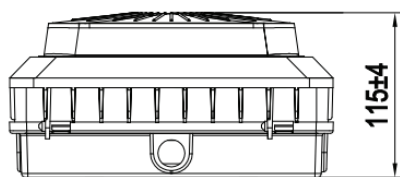
45=4500K, 50=5000K, 57=5700K, 65=6500K.

“e” can be “EM” or blank

represent Emergency power supply



## DIMENSIONS



## ADVANTAGE

- UL cUL DLC-V5.1(Premium) certificate.
- IP65 Internal driver, Input voltage 120-277Vac.
- Output constant current lever can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, Long lifespan.
- Light is soft and uniform, Safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

## APPLICATION

- Widely used in underground parking lot, garage and so on..

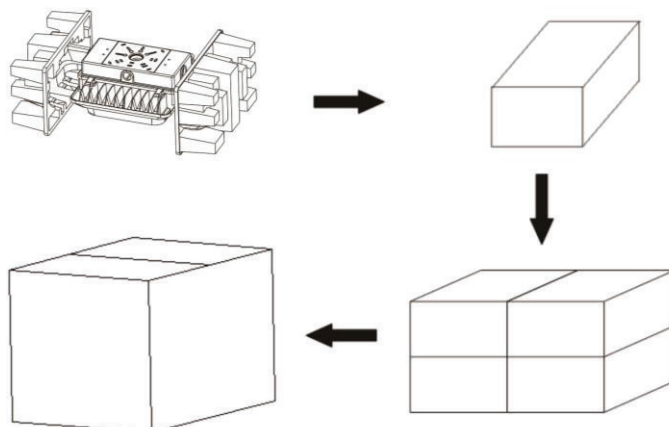
## SPECIFICATIONS

|            |                                     |                                                                       |         |         |         |         |         |         |
|------------|-------------------------------------|-----------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|
| OPTICAL    | Input Power (Tolerance : ±10%)      | 55W                                                                   |         |         |         |         |         |         |
|            | Color Temperature                   | 3000K                                                                 | 3500K   | 4000K   | 4500K   | 5000K   | 5700K   | 6500K   |
|            | Lumen (Tolerance : -10%)            | 6987LM                                                                | 7001LM  | 7014LM  | 7027LM  | 7040LM  | 7054LM  | 7080LM  |
|            | Efficacy (Tolerance : -3%)          | 132LM/W                                                               | 132LM/W | 132LM/W | 133LM/W | 133LM/W | 134LM/W | 134LM/W |
|            | CRI                                 | >80                                                                   |         |         |         |         |         |         |
|            | Color Consistency                   | <6 Steps (or <6 SDCM)                                                 |         |         |         |         |         |         |
|            | BUG                                 | B2-U3-G2                                                              |         |         |         |         |         |         |
|            | Diffuser Type                       | Clear Stripe PC                                                       |         |         |         |         |         |         |
|            | Beam Angle (50%) (Tolerance : ±15%) | 150 Degree                                                            |         |         |         |         |         |         |
| ELECTRICAL | Input Voltage and Frequency         | 120-277VAC, 50/60Hz;                                                  |         |         |         |         |         |         |
|            | PF (Tolerance : -3%)                | ≥0.9                                                                  |         |         |         |         |         |         |
|            | THD (Tolerance : +5%)               | ≤20%                                                                  |         |         |         |         |         |         |
|            | Flicker Percent                     | <60%                                                                  |         |         |         |         |         |         |
|            | Driver Brand                        | Daermay                                                               |         |         |         |         |         |         |
|            | Driver Model                        | HB-LPG060-52                                                          |         |         |         |         |         |         |
|            | Driver Surge protection             | L/N-PE: 4kV, L-N: 4kV                                                 |         |         |         |         |         |         |
|            | Dimming                             | 0-10V dimming standard                                                |         |         |         |         |         |         |
| MATERIALS  | LED Brand                           | STL                                                                   |         |         |         |         |         |         |
|            | LED Type                            | SMD2835 (0.5W)                                                        |         |         |         |         |         |         |
|            | LED QTY                             | 165 PCS                                                               |         |         |         |         |         |         |
|            | Housing                             | Die-cast aluminum                                                     |         |         |         |         |         |         |
|            | Housing Color                       | White, or Customized                                                  |         |         |         |         |         |         |
|            | Waterproof Rating                   | WET (IP65)                                                            |         |         |         |         |         |         |
| OTHERS     | Operating Temperature               | -40℃ TO +45℃                                                          |         |         |         |         |         |         |
|            | Storage Temperature                 | -40℃ TO 80℃                                                           |         |         |         |         |         |         |
|            | Operating Humidity                  | 20% - 90% RH                                                          |         |         |         |         |         |         |
|            | Storage Humidity                    | 10%-95% RH                                                            |         |         |         |         |         |         |
|            | Warranty                            | 5 years warranty with 24/7 operating hours Luminaire lifetime at 25℃. |         |         |         |         |         |         |

## PACKAGE

|           | Size           | Qty/ Carton | Lamps Net Weight | Weight/ Carton |
|-----------|----------------|-------------|------------------|----------------|
| Inner box | 280*270*175 MM | 1 PC        | 1.9KG            | 2.4KG          |
| Outer box | 560*370*300 MM | 4 PCS       | 7.6KG            | 9.6KG          |

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.



## LIGHT DISTRIBUTION TESTING PARAMETERS

### Luminaire Property

Luminaire Manufacturer:  
Luminaire Category:  
Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.460 A  
Power Factor: 0.985

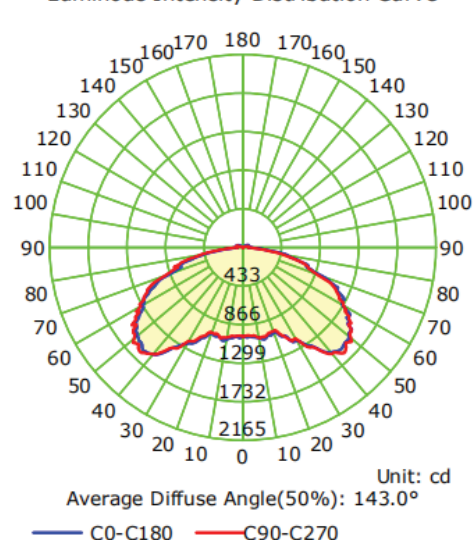
Luminaire Description:  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 120.0 V  
Power: 54.36 W

### Photometric Results

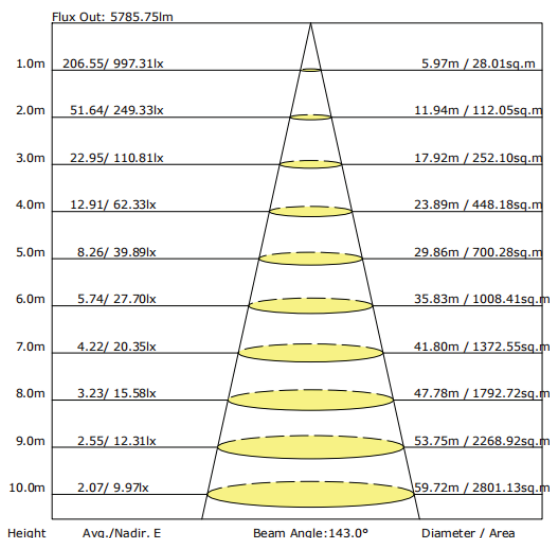
CIE Class: Direct  
Measurement Flux: 6841.1 lm  
Downward Ratio: 97%  
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 170.7, 170.7, 172.6, 172.5  
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 143.0, 143.1, 143.1, 143.5  
Luminaire Efficacy Rating (LER): 125.90  
Max. Intensity: 1732.77 cd  
S/MH(C0/C180): 2.14

Total Rated Lamp Lumens: 6841.1 lm  
Efficiency: 100%  
Upward Ratio: 3%  
C0r0 Intensity: 997.31 cd  
Pos of Max. Intensity: H225 V57  
S/MH(C90/C270): 2.16

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



## 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.                                                                       |