

# Campana LED UFO

## 120W/160W/200W



### KEY ADVANTAGES

- Top and bottom vent convection, high-quality heat dissipation
- Wattage from 100W to 240W optional
- Power Selectable (Optional)
- High energy savings compared to systems with traditional discharge lamps
- Light-on-demand feature with optional motion sensor
- Robust design
- Emergency lighting with optional battery
- High visual comfort
- No hazardous materials
- Fast ROI thanks to long life span and reduced maintenance
- Compact housing optimised for heat dissipation and reduced dust accumulation
- Dedicated range of mounting accessories

### TYPES OF APPLICATION

- CAR PARKS
- LARGE AREAS
- INDUSTRIAL HALLS & WAREHOUSES
- SPORT FACILITIES



CAR PARKS



LARGE AREAS



INDUSTRIAL HALLS & WAREHOUSES



SPORT FACILITIES



# TECHNICAL CHARACTERISTICS

## GENERAL INFORMATION

|                  |   |
|------------------|---|
| Driver included  | Yes   |
| CE mark          | Yes   |
| RoHS compliant   | Yes   |
| Safety features  | Open circuit protection<br>Short circuit protection<br>Overvoltage protection |
| Testing standard | LM-79-19(all measurements in ISO17025 accredited laboratory)                  |

## HOUSING AND FINISH

|                    |  |
|--------------------|--|
| Housing            | Aluminium                              |
| Optic              | Polycarbonate                          |
| Protector          | Polycarbonate (with integrated lenses) |
| Housing finish     | Electrostatic polyester powder coating |
| Standard colour(s) | RAL 9017 black                         |
| Tightness level    | IP 65                                  |
| Impact resistance  | IK 09                                  |

## OPERATING CONDITIONS

|                                  |                                  |
|----------------------------------|----------------------------------|
| Operating temperature range (Ta) | -30°C to + 45°C                  |
| Operating Humidity               | 10-90%RH                         |
| Mounting Option                  | Loop Hanging<br>Bracket Mounting |
| Warranty                         | 5 years                          |

## PERFORMANCE

|                     |                     |
|---------------------|---------------------|
| Power               | 100W/150W/200W/240W |
| Efficacy            | 160lm/W             |
| Power Efficiency    | ≥93%                |
| Start Time          | ≤0.2S               |
| Warm-up time to 60% | 0.5S                |

## ELECTRICAL INFORMATION

|   |  |
|---|--|
| Electrical class  | Class I EU   |
| Nominal voltage   | 120-277V $\varnothing$ 50/60Hz   |
| Power factor (at full load)   | 0.9  |
| Surge protection options (kV)   | 6KV-Line-Line<br>6KV-Line-Earth  |
| Electromagnetic compatibility (EMC)   | EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015 |
| Control protocol(s)   | 1-10V, DALI2 (optional)  |
| Emergency   | Optional auxiliary battery   |
| Total Harmonic Distortion(THD)  | IEC 61000-3-2 Class C <20%   |
| Driver Type   | Constant current(CC)   |
| For fixed Class 1 luminaires, overvoltage protective devices which comply with IEC 61643-11 shall be disconnected from the circuit. |  |
| withstand voltage   | 1.5KV 60S 10mA   |

The power supply needs to be selected as a version without afterglow that can be turned off.

## OPTICAL INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| LED Type                         | SMD2835                               |
| Beam Angle                       | 60° / 90° / 120°                      |
| Recommended installation height  | 4m to 12m                             |
| Color Tolerance                  | Ra70 ≤7<br>Ra80 ≤5                    |
| LED colour temperature           | 3000K / 4000K / 5000K / 5700K / 6500K |
| Colour rendering index (CRI)     | CRI>70 standard<br>CRI>80 optional    |
| Upward Light Output Ratio (ULOR) | 0%                                    |

Ra measurement tolerance is ±2.

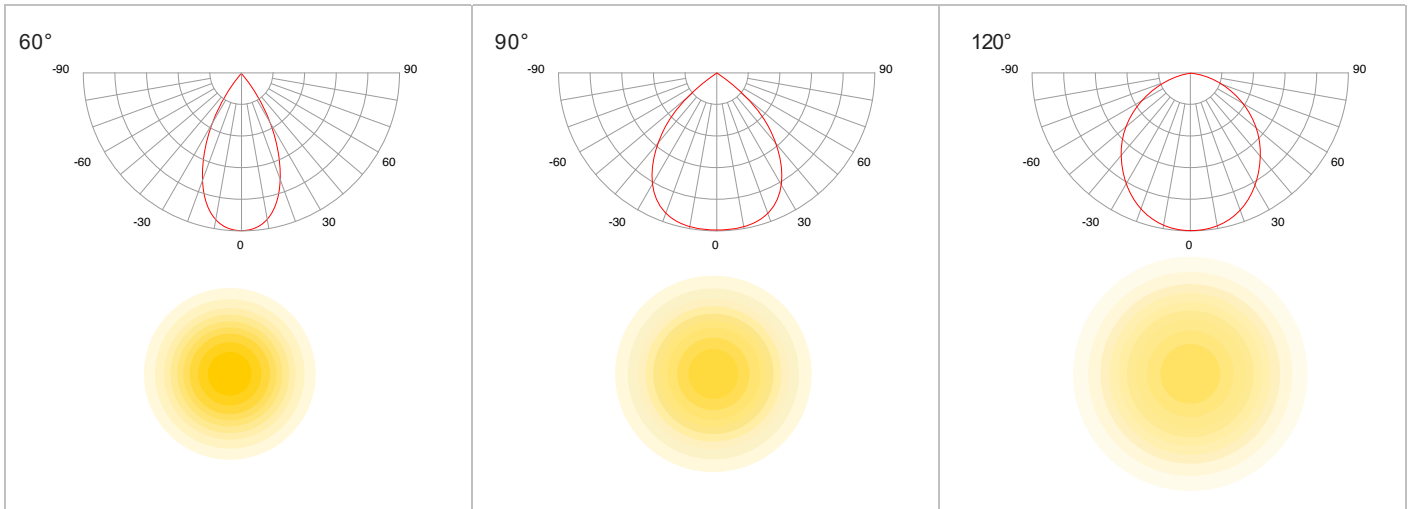
## LIFETIME OF THE LEDS @ TA 25°C

|                    |               |
|--------------------|---------------|
| All configurations |               |
| L70B10             | 100,000h      |
| L80B10             | 50,000h       |
| L90B10             | 30,000h       |
| Switching Cycles   | 100,000 times |



# OPTICS AND ACCESSORIES

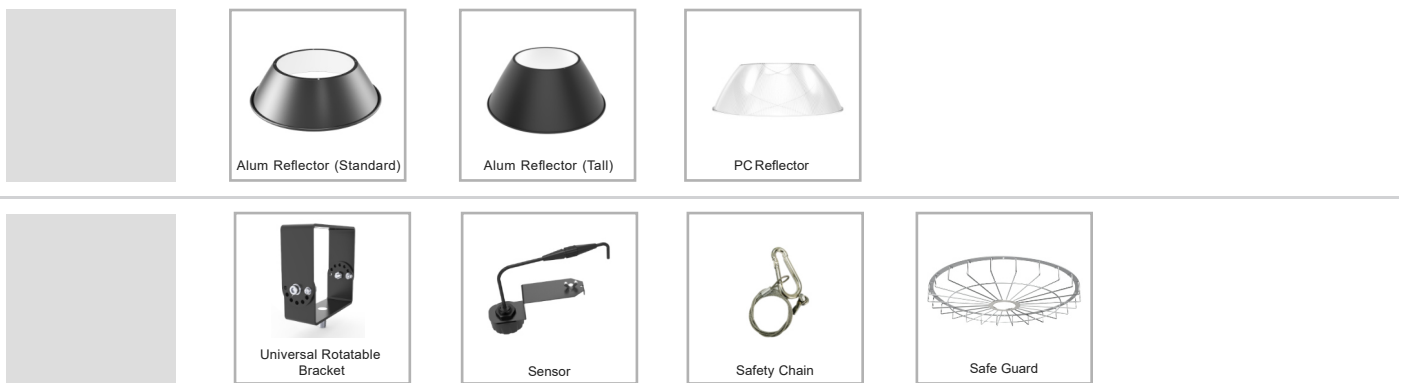
## LIGHT DISTRIBUTIONS



## OPTIONAL



## ACCESSORIES



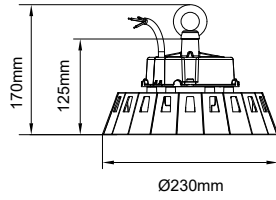
## PACKAGING

| POWER | PACKAGE SIZE     | QTY/CTN  | SINGLE PIECE VOLUME | NET WEIGHT | GROSS WEIGHT | 20GP    | 40HQ    |
|-------|------------------|----------|---------------------|------------|--------------|---------|---------|
| 100W  | L280*W280*H180mm | 1PCS/CTN | 0.0141m3            | 1.5kg      | 2.0kg        | 2098pcs | 5325pcs |
| 150W  | L310*W310*H180mm | 1PCS/CTN | 0.0178m3            | 2.0kg      | 2.5kg        | 1699pcs | 4313pcs |
| 200W  | L370*W370*H185mm | 1PCS/CTN | 0.0253m3            | 2.6kg      | 3.3kg        | 1368pcs | 3229pcs |
| 240W  | L400*W400*H180mm | 1PCS/CTN | 0.0288m3            | 2.4kg      | 3.2kg        | 1111pcs | 2565pcs |

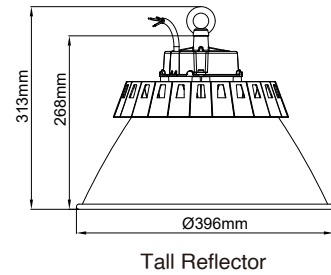
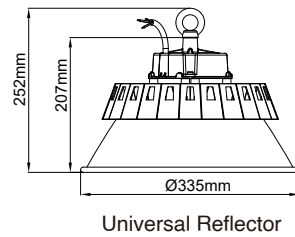
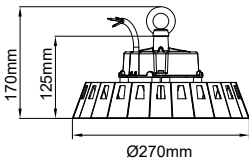


# DRAWING

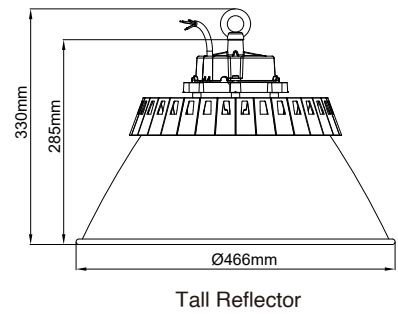
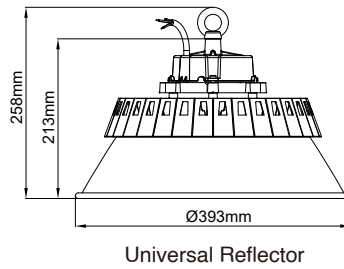
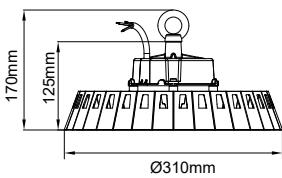
## 100W



## 150W



## 200W



## 240W

