



# UFO GEN V

## *LED High Bay Light*

Up to 180lm/W | 100W/150W/200W



Dimming  
Control



DALI  
Control



Microwave  
Sensor



RoHS

**5**  
Years  
Warranty

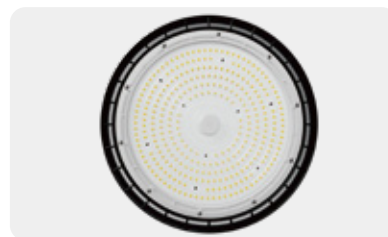
Version:1.3  
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## APPLICATIONS

- ✔ Warehouse
- ✔ Supermarket
- ✔ Workshop
- ✔ Exhibition hall

## FEATURES

- ✔ Patented product.
- ✔ Unique mold design improves product performance, cost-effectiveness and market competitiveness.
- ✔ Fast heat dissipation and good performance with high-quality die-cast aluminum radiator.
- ✔ Special materials of radiator give support of no rust, anti-corrosion, anti-oxidation and other characteristics, which can meet the requirements of different location.
- ✔ Unique cooling fin design not only increases the air convection space, but also meet the requirement of aesthetic.
- ✔ The circular power supply is installed externally, which can reduce the influence of luminaire radiation on power supply and effectively guarantee the lifetime of power supply.



Fast heat dissipation



Build-in sensor



# PRODUCT DATA

## General Information

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| LED Type             | Lumileds 2835                                       |
| Light Efficacy       | 130lm/W,140lm/W,145lm/W,150lm/W,180lm/W             |
| CCT                  | 4000K/5000K/6500K                                   |
| CRI                  | 70,80                                               |
| LED Lifespan         | 119,000h@L70B50<br>75,000h@L80B50<br>35,000h@L90B50 |
| Power Supply         | PHILIPS/ Sosen/ Lifud                               |
| Type of Driver       | Non-isolated                                        |
| Driver efficiency    | >90%                                                |
| Protection class IEC | IP65                                                |
| Warranty             | 5 Years Warranty                                    |
| Certificate          | CE , RoHS , ENEC                                    |

## Application Conditions

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Operating Temperature | -30℃ to +45℃ (with sensor)<br>-30℃ to +50℃ (without sensor) |
|-----------------------|-------------------------------------------------------------|

## Approval and Application

|                              |         |
|------------------------------|---------|
| Ingress protection code      | IP65    |
| Mech. impact protection code | IK08    |
| Surge protection             | 4KV/2KV |

## Light Distribution Curve



## Operating and Electrical

|                 |                       |
|-----------------|-----------------------|
| Input voltage   | 220-240Vac/100-277Vac |
| Input Frequency | 50/60Hz               |
| Inrush current  | -                     |
| Power Factor    | >0.95                 |
| THD             | <10%                  |

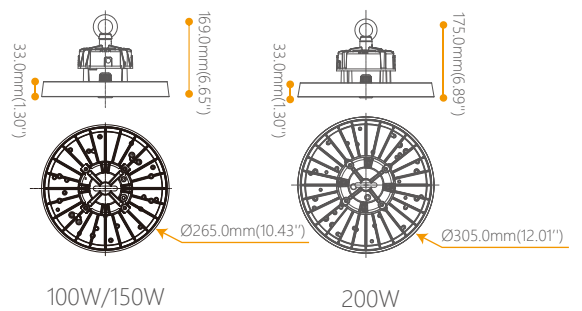
## Mechanical and Housing

|                    |                                               |
|--------------------|-----------------------------------------------|
| Structure Material | Die casting ADC12                             |
| Finish Material    | Powder coated                                 |
| Lens Material      | Polycarbonate                                 |
| Bracket            | Aluminum                                      |
| Fixture Color      | Matte Black                                   |
| Mouting Option     | Suspended / Ceiling Mounted<br>/ Wall Mounted |

## Controls and Dimming

|                     |                                                                                 |
|---------------------|---------------------------------------------------------------------------------|
| Dimmable            | 0-10V / 1-10V / DALI dimming                                                    |
| Intelligent Control | Occupancy / Dimming / DALI<br>Microwave motion sensor &<br>Photoreceptor sensor |

## Drawing



# PRODUCT PARAMETER

| Model Number      | Power Consumption (±10%) | Input voltage            | Light Efficiency | Luminous Flux (lm) (±10%)<br>@4000K @5000K @6500K |         |         | Beam Angle | Correlated Color Tempereare | LED Type      | Drvier Type          |
|-------------------|--------------------------|--------------------------|------------------|---------------------------------------------------|---------|---------|------------|-----------------------------|---------------|----------------------|
| FK-IX100-090N-FU5 | 100W                     | 220-240VAC<br>100-277VAC | 130lm/W          | 12610lm                                           | 13000lm | 12610lm | 90deg      | 4000K<br>5000K<br>6500K     | Lumileds 2835 | PHILIPS/Sosen /Lifud |
| FK-IX150-090N-FU5 | 150W                     |                          |                  | 18915lm                                           | 19500lm | 18915lm |            |                             |               |                      |
| FK-IX200-090N-FU5 | 200W                     |                          |                  | 25220lm                                           | 26000lm | 25220lm |            |                             |               |                      |
| FK-IX100-090N-FU5 | 100W                     | 220-240VAC<br>100-277VAC | 150lm/W          | 14550lm                                           | 15000lm | 14550lm | 90deg      | 4000K<br>5000K<br>6500K     | Lumileds 2835 | PHILIPS/Sosen /Lifud |
| FK-IX150-090N-FU5 | 150W                     |                          |                  | 21825lm                                           | 22500lm | 21825lm |            |                             |               |                      |
| FK-IX200-090N-FU5 | 200W                     |                          |                  | 29100lm                                           | 30000lm | 29100lm |            |                             |               |                      |

## 3-Power in 1

|                   |      |            |         |         |       |                         |               |       |
|-------------------|------|------------|---------|---------|-------|-------------------------|---------------|-------|
| FK-IX200-090N-FU5 | 110W | 100-277VAC | 150Lm/W | 16500lm | 90deg | 4000K<br>5000K<br>6500K | Lumileds 2835 | Lifud |
|                   | 150W |            | 145Lm/W | 21750lm |       |                         |               |       |
|                   | 200W |            | 140Lm/W | 28000lm |       |                         |               |       |

# PACKAGE

| Item. | Luminaire Net Weight | Packing Info              | Dimmension (Product) (mm) | Dimmension (outer carton) (mm) | GW (Outer carton) | 20ft GP  | 40ft GP  | 40 HQ    |
|-------|----------------------|---------------------------|---------------------------|--------------------------------|-------------------|----------|----------|----------|
| 100W  | 2.4kg±0.3kg          | 1pc/ctn without inner box | Ø265*169                  | L320*W320*H165                 | 3.5 kg±0.3kg      | 1764 pcs | 3626 pcs | 4144 pcs |
| 150W  | 2.7kg ±0.3kg         |                           | Ø265*169                  | L320*W320*H165                 | 3.8 kg±0.3kg      | 1764 pcs | 3626 pcs | 4144 pcs |
| 200W  | 2.9kg ±0.3kg         |                           | Ø305*175                  | L360*W360*H165                 | 4.0 kg±0.3kg      | 1344 pcs | 2772 pcs | 3234 pcs |

# ERP REQUIREMENT

|                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                     |                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------|
| Instant Full Light Dimmable                                                         | SDCM <5                                                                             | Starting Time <0.5s                                                                 | Switching Cycles 25,000times                                                         | Life Time 50,000h                                                                     | L70B50 119,000h<br>L80B50 75,000h<br>L90B50 35,000h | Lumen Maintenance 97% |
|  |  |  |  |  |                                                     |                       |
| Horizontal Light Distribution Test                                                  | Intelligent Life Tester                                                             | Strobe Test                                                                         | Integrating Sphere Spectrometer                                                      | 3600h Life Time Test                                                                  |                                                     |                       |

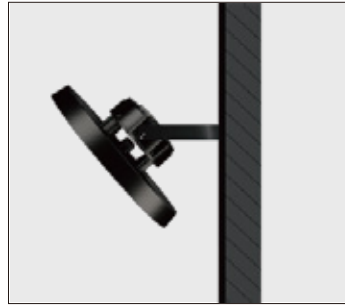
## MOUNTING OPTIONS



Suspending



Ceiling Mounting



Wall Mounting

## ACCESSORIES

### *Mounting Accessories*



Safety Chain



$\pm 45$  Deg Bracket



Hanging Loop



Diameter of loop's