

# UFO SERIES HIGH BAY LIGHT SPECIFICATIONS



## Introduction:



Our new UFO style round High Bay is the latest in technology. Smaller, more efficient and longer lasting, our new IP67 - Damp Location rated LED UFO High Bay fixture is 130lm/w achieving desired light levels while using less power per fixture.

## Product Features:

- Available in 100W, 150W and 200W
- High efficiency - 130 Lm/W
- Greater than 54000 hours L 70 lifetime
- Dimmable 0 - 10V
- 10 FT. of Whip
- cULus
- DLC
- 5 Year Warranty

## 100W Technical Parameters:

|                           |                                 |
|---------------------------|---------------------------------|
| Model                     | FDUFO-100-5K                    |
| System Power Usage        | 100 Watt                        |
| Certification             | UL/DLC4.2/                      |
| Lumen Output              | 13,000lm                        |
| Luminous efficiency       | 130lm/w                         |
| Led Brand                 | PHILIPS                         |
| Input Voltage             | 120M/347V                       |
| Power Frequency           | 50-60Hz                         |
| Power Factor              | > 0.93                          |
| Total Harmonic Distortion | <15 %                           |
| Dimmable                  | Yes                             |
| CCT                       | 5000K                           |
| CRI                       | > 80Ra                          |
| Beam Angle                | 60°/90°/120°                    |
| Finish                    | Black                           |
| Power Supply              | Antron                          |
| Material                  | Aluminum                        |
| Operating Temperature     | (-30~+50℃)                      |
| Storage Temperature       | (-40~+70℃)                      |
| Operating Humidity        | 15-90%RH                        |
| Lifespan                  | 50,000 Hours                    |
| Ingress Protection        | IP67 Suitable for damp location |
| Net Weight                | 3.4KG±0.5                       |
| Gross Weight              | 4.2KG±0.5                       |
| Lamp Dimension            | Φ260*H159.5mm                   |
| Package Size              | L310*W310*H215mm                |

## 150W Technical Parameters:

|                           |                  |                            |
|---------------------------|------------------|----------------------------|
| Model                     | FDUFO-150-5K     |                            |
| System Power Usage        | 150 Watt         |                            |
| Certification             | UL/DLC4.2        |                            |
| Lumen Output              | 19,500lm         |                            |
| Luminous efficiency       | 130lm/w          |                            |
| Led Brand                 | PHILIPS          |                            |
| Input Voltage             | 120M/347V        |                            |
| Power Frequency           | 50-60Hz          |                            |
| Power Factor              | > 0.93           |                            |
| Total Harmonic Distortion | <15%             |                            |
| Dimmable                  | Yes              |                            |
| CCT                       | 5000K            |                            |
| CRI                       | > 80Ra           |                            |
| Beam Angle                | 60°/90°/120°     |                            |
| Finish                    | Black            |                            |
| PowerSupply               | Antron           |                            |
| Material                  | Aluminum         |                            |
| Operating Temperature     | (-30~+50℃)       |                            |
| Storage Temperature       | (-40~+70℃)       |                            |
| Operating Humidity        | 15-90%RH         |                            |
| Lifespan                  | 50,000 Hours     |                            |
| Ingress Protection        | IpIP67           | Suitable for damp location |
| Net Weight                | 3.8KG±0.5        |                            |
| Gross Weight              | 4.6KG±0.5        |                            |
| Lamp Dimension            | Φ260*H159.5mm    |                            |
| Package Size              | L310*W310*H215mm |                            |

## 200 Watt Technical Parameters:

|                           |                                    |
|---------------------------|------------------------------------|
| Model                     | FDUFO-200-5K                       |
| System Power Usage        | 200 Watt                           |
| Certification             | UL/DLC4.2                          |
| Lumen Output              | 26,000lm                           |
| Luminous efficiency       | 130lm/w                            |
| Led Brand                 | PHILIPS                            |
| Input Voltage             | 120M/347V                          |
| Power Frequency           | 50-60Hz                            |
| Power Factor              | > 0.93                             |
| Total Harmonic Distortion | < 15 %                             |
| Dimmable                  | Yes                                |
| CCT                       | 5000K                              |
| CRI                       | > 80Ra                             |
| Beam Angle                | 60°/90°/120°                       |
| Finish                    | Black                              |
| Power Supply              | Antron                             |
| Material                  | Aluminum                           |
| Operating Temperature     | (-30~+50℃)                         |
| Storage Temperature       | (-40~+70℃)                         |
| Operating Humidity        | 15-90%RH                           |
| Lifespan                  | 50000 Hours                        |
| Ingress Protection        | IP67    Suitable for damp location |
| Net Weight                | 4.5KG±0.5                          |
| Gross Weight              | 5.3KG±0.5                          |
| Lamp Dimension            | Φ260*H162.0mm                      |
| Package Size              | L310*W310*H230mm                   |

## Product Assembly Drawing:



## Mounting Options:



Hook Mount  
(100-277V only)



Dimmable:  
1-10V:(100-277V & 200V-347V)



Flood Light Bracket adjustable angle  
(100-277V only)

## Accessories:



**Lens**  
60°,90°



With anti-collision wire guard



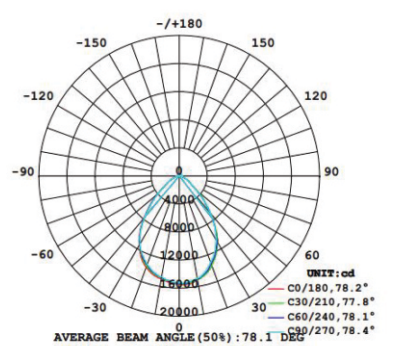
**Poly Carbonate**  
16",19",22"

**Reflector**  
60°,90°,120°  
(120M/347V)

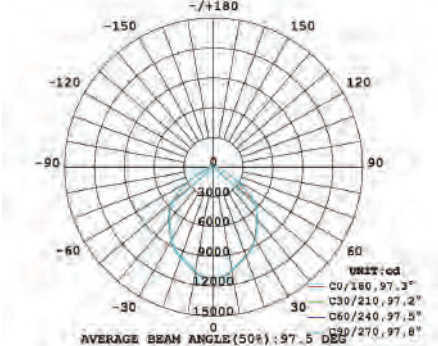


**Aluminum**

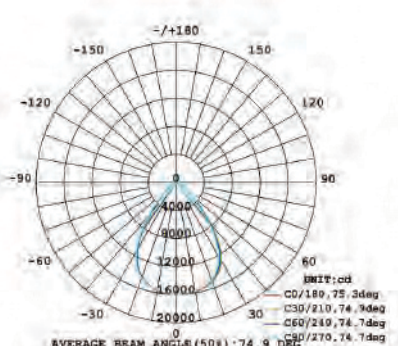
Distribution Diagram:



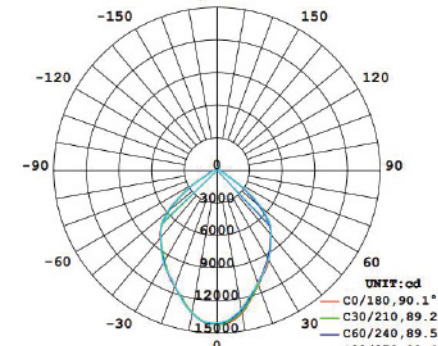
16" 60° PC Reflector



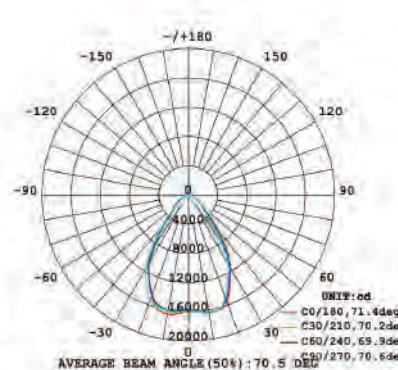
16" 90° PC Reflector



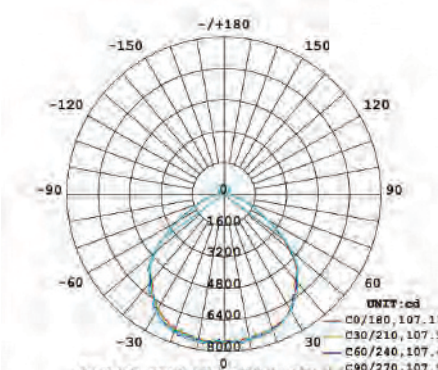
19" 60° PC Reflector



19" 90° PC Reflector

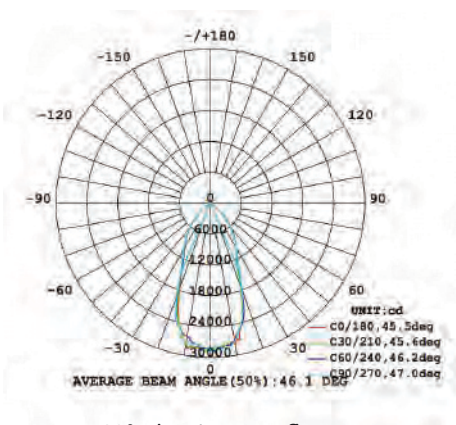


22" PC Reflector

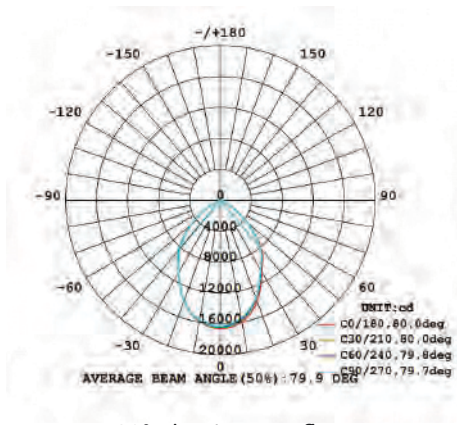


120° PC Reflector

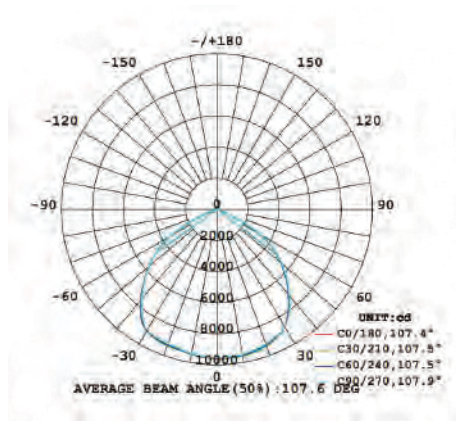
Distribution Diagram:



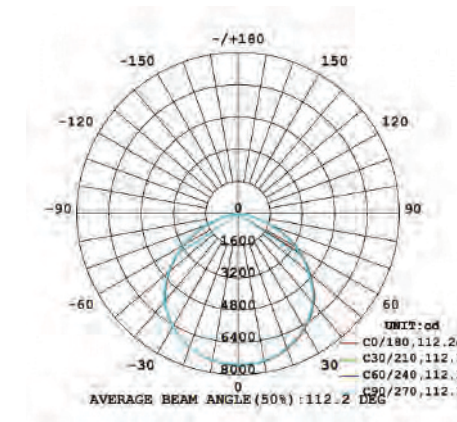
60° Aluminum Reflector



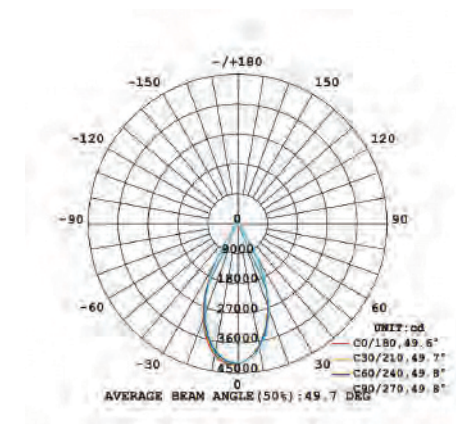
90° Aluminum Reflector



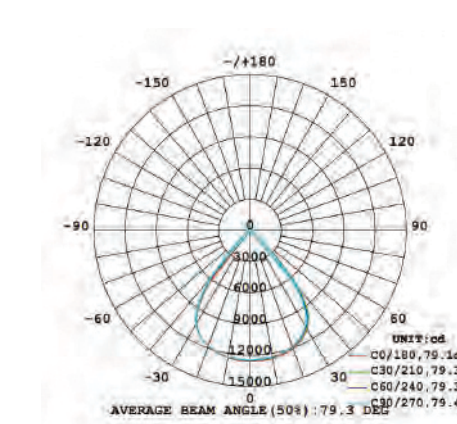
120° Aluminum Reflector



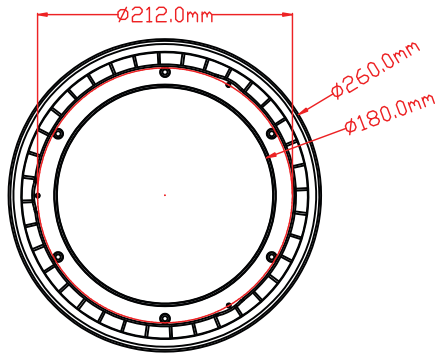
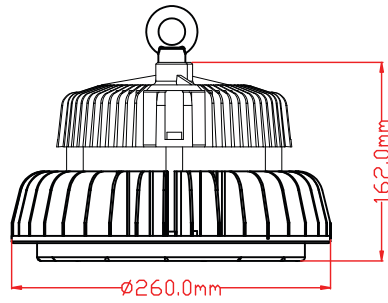
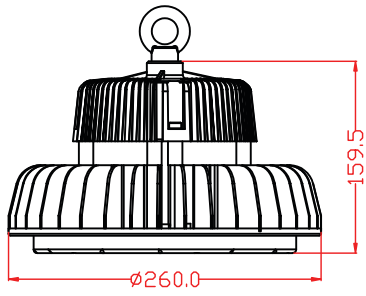
120° Glass



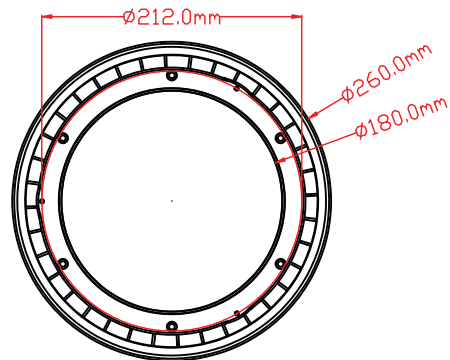
60° Lens



90° Lens



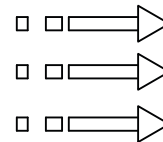
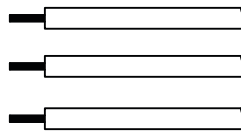
80W-150W



180W-200W

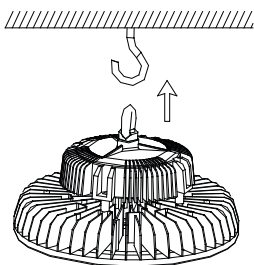
## ⚡ Wiring Diagram

brown(black) --L--  
blue(white) --N--  
yellow/green

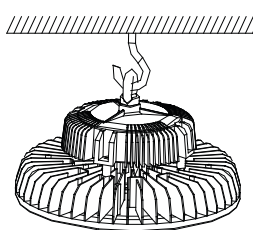


label

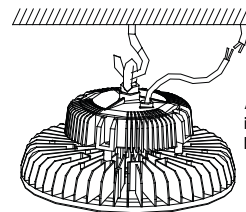
|      |      |
|------|------|
| L    | L    |
| N    | N    |
| ⊕GND | ⊕GND |



Drilling a hole in the ceiling, install a hook.

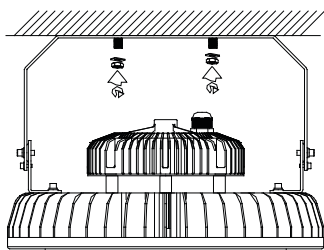


Hanging the fixture.

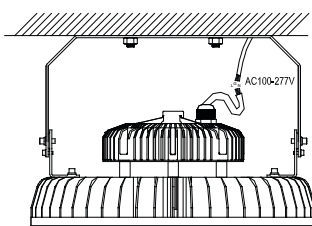


AC100-277V  
All wiring finished  
inside the junction  
box.

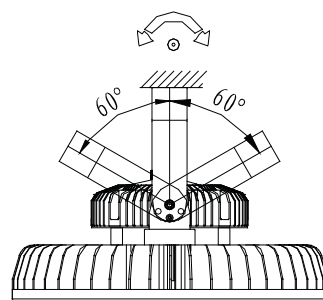
Connect the cables. black-L, white-N, Yellow green-Ground  
take care of the waterproof processing.



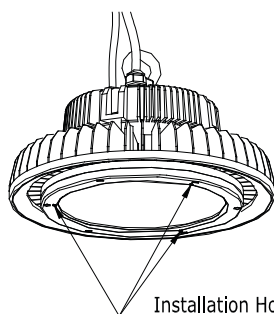
Fix the bracket.



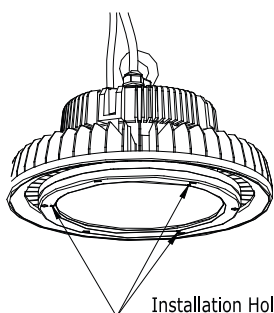
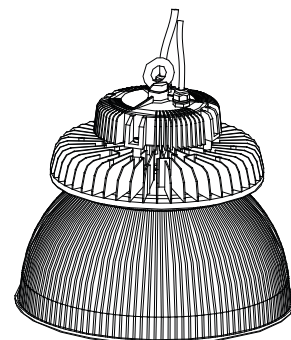
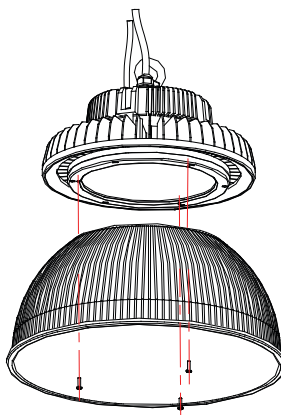
Connect the cables. black-L, white-N, Yellow green-Ground  
take care of the waterproof processing.



Adjust the bracket to the beam angle you need.



Installation Hold for PC Reflector



Installation Hold for Aluminum Reflector

