

ACORIA SERIES

150 W - HIGH BAY UFO
Product Spec Sheet



COMMERCIAL-GRADE

LED High Bay UFO

Product Overview

Elevate your spaces with Acoria Series by Hetria Lighting. These cutting-edge LED lights feature integrated drivers, high lumen efficiency, built-in surge protection, UL listing for safety, and a 3-year warranty.

Experience innovation that's smaller, brighter, and environmentally friendly. Illuminate responsibly with Hetria Lighting!

Built to withstand the test of time, our units boast an impressive IP65 waterproof rating and are capable of enduring any harsh weather condition ensuring optimal outdoor performance. Illuminate your world with confidence and reliability.

Product Warranty



3-Year
Limited Warranty



150,000 Hrs

Applications






Warehouse, Factories, Workshops, Gas Stations & Highway Toll Stations
Supermarkets, Railway Stations, Exhibition Hall, Gymnasiums, etc

Main Features

- **Crystal-Clear White Light:** Drawing just 240W of input power, it delivers an impressive 28,000 lumens. Dimming not available.
- **Elegant & Aesthetic Fixture and Housing:** Design to complement the light, crafted from aluminum with rich, enduring black powder coat for timeless beauty.
- **Pre-installed Mounting M10 Hook:** Engineered for precision in your lighting projects to illuminate large indoor spaces with high ceilings. With an impressive 1.7m/5.6ft power cord with 3 prong plug.
- **Elegance Meets Performance:** Its stylish design is matched by its impressive functionality so you can install with absolute confidence thanks to its reassuring 3-Year limited warranty.
- **UL Listed:** When you choose UL Certified products you are selecting Superior Quality, Enhance Safety & Unmatched Reliability.
- **Integrated Driver (Driver on Board):** Compact, Sleek & Lightweight! The integrated driver reduces the size, streamlines the design, and lightens the fixture making it more space-efficient for installation with a pleasing appearance.
- **Advanced driver is rated for 120V exclusively.**
- **Suitable for use in -40° F to 113° F**
- **Eco-friendly:** Printed on recycled material to reduce waste.



Model Specifications

| Features | Description |
|-------------------|--|
| Input Wattage |  240 Watts. Replace 500W MH HPS or 1500W Incandescent |
| Kelvin Color |  5000K Bright White Light |
| LED Chip |  Bridgelux SMD2835 |
| Lumen Performance |  115Lm/Watt. 150W=17,250 Lumens |
| Surge Protection |  6kV Built-in for Extended Lifespan |

Key Specifications

- Dimming: NA
- Efficacy: <115lm/W
- Input Voltage & Frequency: 120VAC 50/60Hz
- IP: IP65 Waterproof Rating
- Power Factor (PF): > .90
- Total Harmonic Distortion (THD): <35%
- Color Rendering Index (CRI): >80
- Housing & Lens: Die-cast aluminum/ Premium Polycarbonate
- Operating Temperature: -40°F - 113°F

Certifications



Model Specifications

| Model | WATT(W) | Lumens (lm) | Efficacy (lm/W) | Mount Type | Kelvin Color (K) | Voltage (V) | CRI |
|------------|---------|-------------|-----------------|------------|------------------|-------------|-----|
| Acoria 100 | 100 | 11,500 | 115 | M10 Hook | 5000K | 120 | 80 |
| Acoria 150 | 150 | 17,250 | 115 | M10 Hook | 5000K | 120 | 80 |
| Acoria 240 | 240 | 28,000 | 116 | M10 Hook | 5000K | 120 | 80 |

ACORIA SERIES LED HIGHBAY LIGHT

**3 YEAR
WARRANTY**



**5000K CCT
BRIGHT WHITE**



**110°
BEAM ANGLE**



**BRIDGELUX
2835 LEDS**



CRI 80+



**6KV
SURGE PROTECTION
BUILT-IN**



Mounting Options

Pre-installed M10 Hook



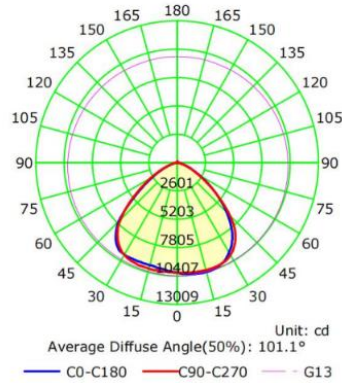
Photometric Results – 150W Acoria Series Led High Bay UFO

Photometric Results

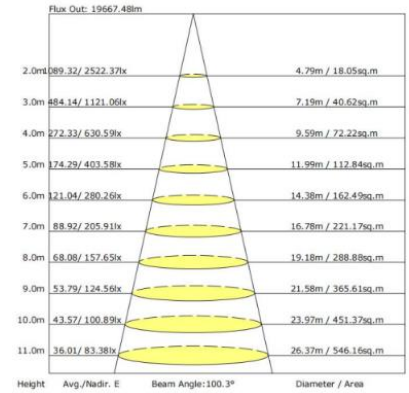
CIE Class: Direct
Measurement Flux: 25462.7 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%): H137.9,H100.7
Vertical Diffuse Angle(10%,50%): V137.6,V102
Luminaire Efficacy Rating (LER): 121.42
Max. Intensity: 10407.37 cd
S/MH(C0/C180): 1.40

Total Rated Lamp Lumens: 25462.7 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 10089.5 cd
Pos of Max. Intensity: H0 V13
S/MH(C90/C270): 1.41

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



Size & Measurement

| Model Series | Height (in) w/Hook | Height (in) w/o Hook | Diameter (in) | Net Weight (lbs) | Measurements Diagram |
|--------------------|--------------------|----------------------|---------------|------------------|----------------------|
| Acoria Series 100W | 3.93 | 2.36 | 9.44 | 2.71 | |
| Acoria Series 150W | 3.93 | 2.36 | 10.98 | 3.52 | |
| Acoria Series 150W | 3.93 | 2.36 | 10.98 | 3.52 | |