

ACORIA II SERIES

100W - 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 100W of input power, it delivers an impressive 12,000 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 1.5m/4.9ft 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	100 Watts. Replace 300W MH HPS or 1200W Incandescent
Kelvin Color	5000K Bright White Light
LED Chip	Bridgelux SMD2835
Lumen Performance	120Lm/Watt. 100W=12,000 Lumens
Surge Protection	4kV Built-in for Extended Lifespan

Key Specifications

- Dimming: NA
- Efficacy: <120lm/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	12,000	120	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 – 100W Acoria Series Led High Bay UFO

Luminaire Property

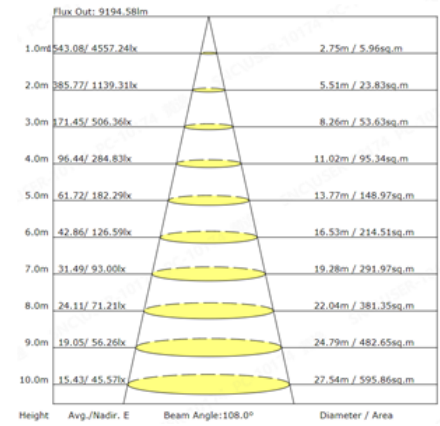
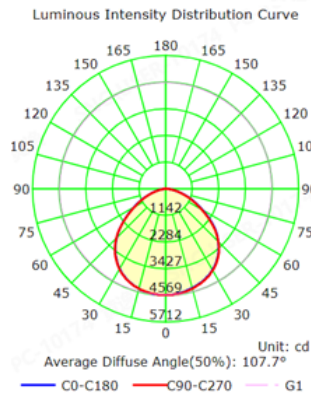
Luminaire Manufacturer:
Voltage: 119.4 V
Power: 102.70 W

Current: 0.880 A
Power Factor: 0.977

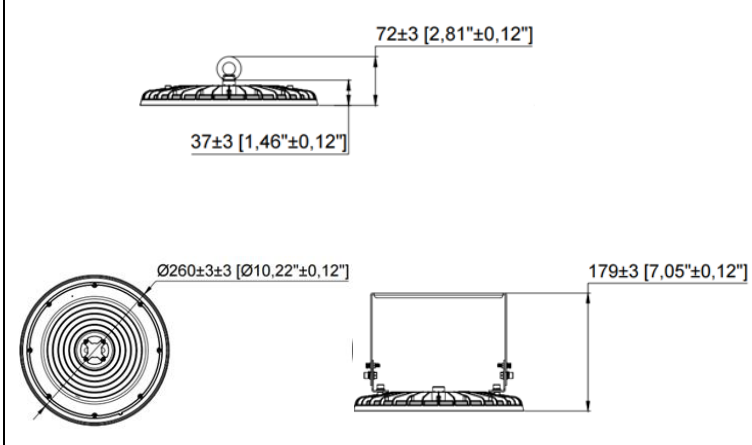
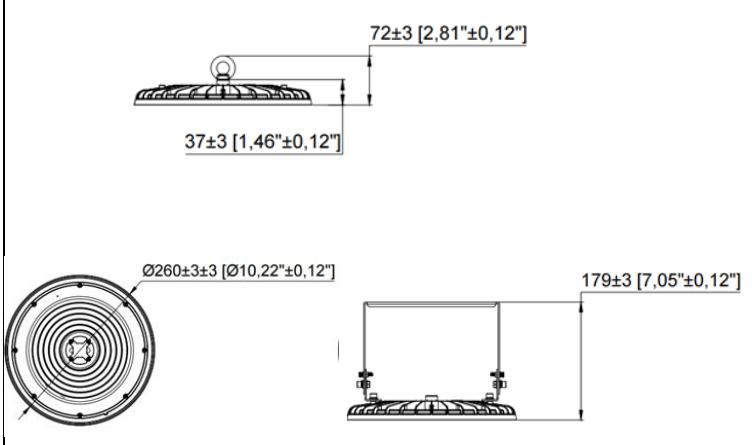
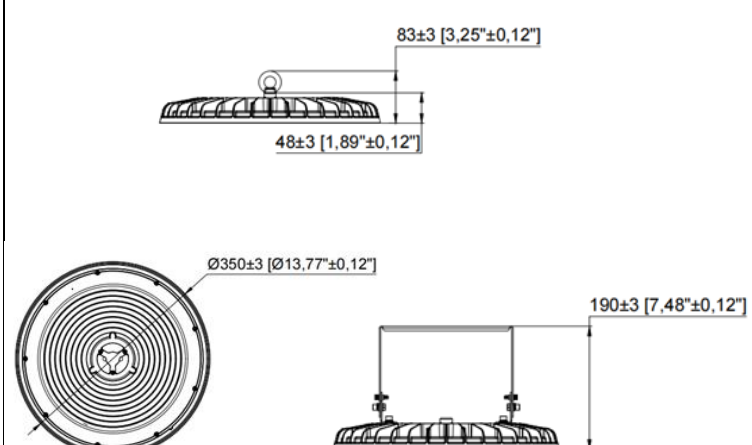
Photometric Results

CIE Class: Direct
Measurement Flux: 12288.5 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%): H153.9,H108
Vertical Diffuse Angle(10%,50%): V153.3,V107.3
Luminaire Efficacy Rating (LER): 119.70
Max. Intensity: 4569.91 cd
S/MH(C0/C180): 1.29

Total Rated Lamp Lumens: 12288.5 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 4557.24 cd
Pos of Max. Intensity: H112.5 V1
S/MH(C90/C270): 1.30



Size & Measurement

Model Series	Height (in) w/Hook	Height (in) w/o Hook	Diameter (in)	Net Weight (lbs)	Measurements Diagram
Acoria II Series 100W	2.81	1.46	10.22	2.1	 <p>Technical drawings for Acoria II Series 100W showing side, top, and perspective views with dimensions: 72±3 [2,81"±0,12"] (hook height), 37±3 [1,46"±0,12"] (height w/o hook), Ø260±3±3 [Ø10,22"±0,12"] (diameter), and 179±3 [7,05"±0,12"] (width).</p>
Acoria II Series 150W	2.81	1.46	10.22	2.1	 <p>Technical drawings for Acoria II Series 150W showing side, top, and perspective views with dimensions: 72±3 [2,81"±0,12"] (hook height), 37±3 [1,46"±0,12"] (height w/o hook), Ø260±3±3 [Ø10,22"±0,12"] (diameter), and 179±3 [7,05"±0,12"] (width).</p>
Acoria II Series 300W	3.25	1.89	13.77	4.6	 <p>Technical drawings for Acoria II Series 300W showing side, top, and perspective views with dimensions: 83±3 [3,25"±0,12"] (hook height), 48±3 [1,89"±0,12"] (height w/o hook), Ø350±3 [Ø13,77"±0,12"] (diameter), and 190±3 [7,48"±0,12"] (width).</p>