

LUVOL SERIES

Product Spec Sheet



COMMERCIAL-GRADE

LED Ceiling Light

Product Overview

Elevate your spaces with Luvol 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



50,000 Hrs

Applications






Libraries, Parks, Residentials, Supermarkets, Advertising lighting, etc

Main Features

- Crystal-Clear White Light: Drawing just **90W** of input power, it delivers an impressive 10200 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.
- Elegance Meets Performance: Its stylish design is matched by its impressive functionality so you can install with absolute confidence thanks to its reassuring 5-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 **120-277VAC exclusively.**
- Suitable for use in -30°C to 45°C
- Eco-friendly: Printed on recycled material to reduce waste.



Model Specifications

Features	Description
Input Wattage	 90 Watts.
Kelvin Color	 5000K
LED Chip	 Bridgelux SMD2835(210PCS)
Lumen Performance	 113Lm/Watt. 90W=10200 Lumens
Surge Protection	 2kV Built-in for Extended Lifespan

Key Specifications

- Dimming: NA
- Efficacy: <113lm/W
- Input Voltage & Frequency: **120VAC** 50/60Hz
- IP: IP65 Waterproof Rating
- Power Factor (PF): >.94
- BUG Rating: B3-U5-G3
- Total Harmonic Distortion (THD): <20%
- Color Rendering Index (CRI): >80
- Housing & Lens: PC
- Operating Temperature: -20 °C to 40 °C

Certifications



Model Specifications

Model	WATT(W)	Lumens (lm)	Efficacy (lm/W)	Mount Type	Kelvin Color (K)	Voltage (V)	CRI
Luvol Series 3CCT	90W	1100	113/lm/W	Ceiling	5000K	120-277VAC	>80

Product Images

Installation Example Image:



Photometric Results – 90W Luvol Series Led Ceiling Light

Luminaire Property

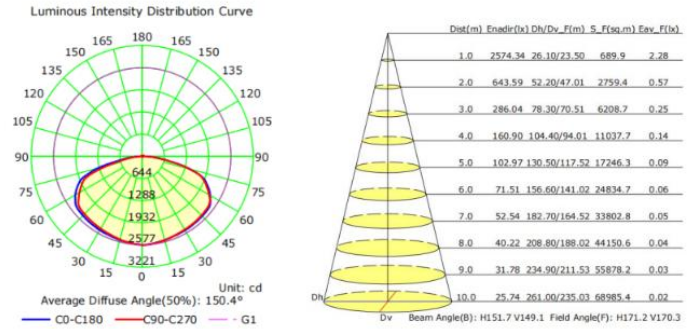
Luminaire Manufacturer:
Voltage: 119.9 V
Power: 89.55 W

Current: 0.769 A
Power Factor: 0.970

Photometric Results

IES Classification: Type IV
Total Rated Lamp Lumens: 11395.1 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 2574.34 cd
Pos of Max. Intensity: H90 V1

Longitudinal Classification: Very Short
Measurement Flux: 11395.1 lm
Downward Ratio: 99%
Luminaire Efficacy Rating (LER): 127.30
Max. Intensity: 2577.26 cd



Model Series	Outer Diameter (in)	Inner Diameter(in)	Width (in)	Net Weight (lbs)	Measurements Diagram
Luvol Series 30W	10.4	10.2	2.9	4.1	

Model	Size	Qty/Carton	Net Weight/ Carton	Gross Weight/ Carton
Luvol Series 90W Packaging	308*100*308mm	1 PCS	1.96 KG [4.312LBS]	2.18KG [4.796LBS]
Inner Box:	12.13*3.94*12.13 inch			
Outer Box:	520*323*328mm 20.47*12.72*12.91 inch	5PCS	10.9KG [23.98LBS]	11.75KG [25.85LBS]