



Catalog Number:	
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Prepared By:	Date:

### Description

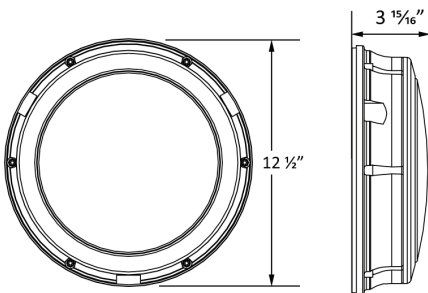
The LWP-BH2 Canopy is a direct one-for-one replacement for a 175W HID fixture. The unique architectural design allows for it to be wall, ceiling or conduit hung. The various mounting methods make this fixture ideal for parking garages, general area, and accent lighting applications.

### Performance Data

Model	Watts	Equip	Delivered Lumens	Efficacy
LWP-BH2-25	23W	175W HID	2,516 Lm	109 LPW

### Dimensions & Weights

Model	Width	Height	Weight
LWP-BH2	12 1/2"	3 15/16"	15.6 lbs.



### Technical Specifications

**Input Voltage:** 120-277V or 347-480V

**Housing:** Die Cast Gasketed Aluminum Open Front Frame and Housing with Integral Heat Sinking and Driver Compartment. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.

**Lens:** LumaLens Polycarbonate Opal Lens Eliminates LED Hot Spots.

**Mounting:** Ceiling mount.

**Effective Projected Area (EPA):** 0.30 ft<sup>2</sup>

**Color Temperature:** 2700K WW, 4000K NW (standard), 5000K CW.

**LED Lifetime:** All LED's are rated for a minimum of 100,000 hours of continuous operation at ambient temperatures from -40°F/-40°C to 95°F/35°C.

**Color Rendering Index (CRI):** Minimum of 70 or higher.

**Dimming:** 0-10V standard dimming capability.

**Surge Protection:** Thermally protected 20kA/ 40kV varistor type surge suppressor is included and meets IEEE/ANSI C62.41.2 guidelines for "C High exposure." Also meets IEC61643-11 Class II / EN61643-11 Type 2, and US Dept of Energy MSSLC Model Spec for surge protection. The device is wired in series with the luminaire input power in order to interrupt power to the luminaire when consumed, protecting the LED power supply and circuit boards from additional electrical surges.

**Battery Back-Up (Optional):** When triggered into emergency mode, the BBU operates the LEDs for a code-compliant 90 minutes. When AC power is restored, the driver automatically returns to charging mode. The BBU is a UL recognized component and meets all applicable safety standards.

**Lumecon ETD™ System:** The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the exterior of the fixture to ensure long life. To protect the light engine panel from moisture and corrosion, the LED light engine panel is uniformly coated with a UV stabilized acrylic polymer resin that meets MIL and ASTM dielectric standards, UL, and IPC standards for flammability, moisture resistance and thermal shock.

**Certification Data:** CSA Listed to UL 1598, UL 8750 and CSA 22.2 No. 250 for Wet Locations. \*Full compliance and test documentation is available for TM-21, LM-79, LM-80, ETL Listing to UL1598 and UL 8750, and Lighting Facts.

**DesignLights Consortium® (DLC) Qualified Product:** The 4000K NW is DLC® qualified. Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: [www.designlights.org](http://www.designlights.org).

**Manufacturing Origin:** US Manufactured and Assembled.

**Buy American:** Meets Buy American requirements within the ARRA.

**Warranty:** 10 Year L70 performance based warranty. For full warranty terms, please visit our website: [www.lumecon.com](http://www.lumecon.com)



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### Ordering Information

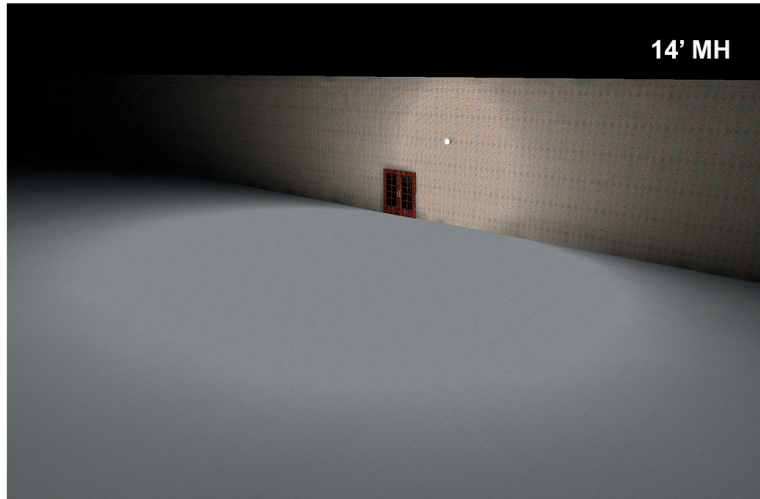
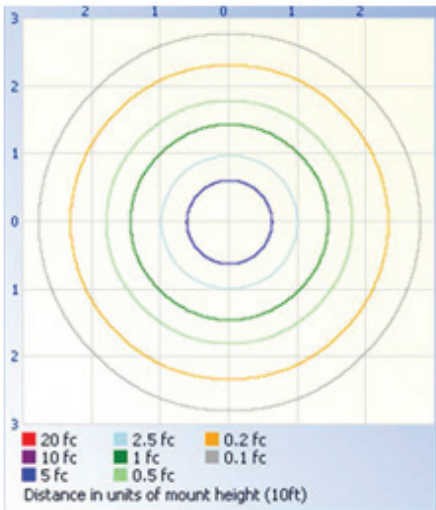
LWP – BH2 Options / Ordering Example: LWP-BH2-25-DB-W-1-C-NW-G-BB1-X-X-X-X

WATTAGE	COLOR	MOUNTING METHODS	VOLTAGE	LENS	COLOR TEMPERATURE
25 - 25 Watts	DB - Dark Bronze CC - Custom Color	C - Ceiling	1 - 120v - 277v 2 - 347v - 480v	C - Diffused Polycarbonate	NW - Neutral* CW - Cool WW - Warm <i>*DLC® Qualified</i>

BATTERY BACK-UP	SPLIT CIRCUIT	PHOTOCELL	OCCUPANCY SENSOR	INLINE FUSE
X - None BB1 -120v BBU* BB2 -277v BBU* BBC1 -120v BBU Cold Temp Rated* BBC2 -277v BBU Cold Temp Rated* <i>*Requires external box</i>	X - None SC - Split Circuit	X - None PC1 - 120v/277v PC PC3 - 347v PC PC4 - 480v PC	X - None OC1 - On/Off OC2 - Dim/High	X - None F - Inline Fuse, 2.5A

### Photometric Data & Illustration

For .ies files of this product, please visit the downloads tabs on the LWP-BH2 Canopy product page: <https://lumecon.com/products/lwp-bh2-canopy/>



### Performance Data

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ELECTRICAL LOAD DATA			AC Current Load (A)			
Fixture Model	Drive Current (mA)	System Watts (W)	120V	208V	240V	277V
LWP-BH2-25	112	23.32	0.24	0.14	0.12	0.10

### LUMEN MAINTENANCE

Data in the table below references projected performance in a 25°C ambient and is based on 10,000 hours of LED testing. Performance data has been tested per IESNA LM-80-08 and projected per IESNA TM-21-11.

Use the lumen maintenance factor that corresponds to the desired number of operating hours below to calculate LLF.

Lumen Maintenance Factors @ 25°C, by hours:					
Fixture Model	0	25,000	50,000	70,000	100,000
LWP-BH2-25	1.0	0.96	0.93	0.90	0.86