



# HELOS HB Series

## LED High Bay Lighting System

With its traditional aesthetic, this fixture will illuminate any application with a high light fidelity and reliability.



### BELL HOUSING

Dimensions:  
50cm (DIA) x 26cm (H)  
Weight: 10 kg max

OPTICAL VARIATIONS:  
10° - 131° beam angles

LED ENCLOSURE:  
IP67 Housing and  
Components



## SLD-HB

With its traditional aesthetics, the SLD-HB series fixtures are equipped with our most up-to-date LED light engine; regarded as a very reliable fixture in the high performance lighting market. These fixtures are a perfect replacement for your high/low bay lighting. Due to its IP67 design, this fixture can be spray washed and even submerged, making it ideal for dusty or wet facilities. The high-quality optical and enclosure materials allows it to be used in harsh and corrosive environments.



8Chydro  
e.CATALOG

### Performance Summary

Light Output: 7,700—31,500 lm

Typical Efficiency: 106—120 lm/W

L90 TM-21-11: >145,000 hrs (150,000 hrs)

L70 TM-21-11: >145,000 hrs (457,000 hrs)

CRI Availability: 70-90

CCT Availability: 2700-6500 K

Voltage Compatibility\*: 120-347 Vac

Standard Warranty: 5 years

### Configurations:

- ◆ Multifunctional Occupancy Sensor
- ◆ 0-10V Dimming
- ◆ Additional Surge Protection
- ◆ Cosmetic Options

### Installation:

- ◆ Dry/Damp/Wet Location Installation
- ◆ Applications: Warehouse, Factory, Recreational, etc.
- ◆ Single-point Suspension

# SLD-HB High Bay Series

## SLD-HB-XXXX Specifications

**Listing:** CSA US-Canada Certified for Wet Locations.  
BC Hydro e.Catalog Listed.

**LED:** Industry-leading Cree ceramic LEDs. Developed for superior lumen and thermal reliability, high light intensity, and easy optical control in a compact chip size.

**Optics:** Clear impact-resistant polycarbonate lens. Surface-mounted optics for precise light control, high optical efficiency, and low glare<sup>1</sup>.

**Optional Beam Angles:** 10°, 25°, 60°, 90°, 120°, 131°

**Available CRI:** 70, 80, 90

**Colour Temperature (CCT):** 2700-6500 K

**Standard Warranty:** 5 years

**Reported (and Projected) TM-21-11 LED Lumen Maintenance:**

L90 (90% light output) > 145,000 hours (Projected 150,000 hours)  
L70 (70% light output) > 145,000 hours (Projected 457,000 hours)

**Input Voltage:** 120-277/347VAC (50/60 Hz)

**Operating Temperature:** -40°C to +50°C

**Construction:** High-quality steel bell with colored powder coated finish for corrosion protection and aesthetic. IP67 LED engine utilizes an robust extruded aluminum heatsink with PC lens cover. All electrical components rated minimum IP67.

**Standard Dimensions:** Dia. 50 cm × Height 26 cm [Ø19.8 in × 10.1 in]

**Standard Weight:** 8.55 kg - 9.77 kg [18.8 lb. - 21.5 lb.]

**Installation:** Single-point suspension via attached eyebolt.

**Features:** 0/1-10V dimming, integrated motion sensor, surge protection, wireless control system, housing color.

## Specifications Table

Base Model	Delivered Lumen (lm)	Wattage (W)	Efficiency (lm/W)
SLD-HB-0070	7,700	64	120
SLD-HB-0100	10,400	97	107
SLD-HB-0160	14,200	134	106
SLD-HB-0240	22,400	195	115
SLD-HB-0300	31,500	276	114

## Ordering Code (e.g., SLD-HB-0300-277-5K0-80-130-SP-CL-DG-M-S)

LAMP-SERIES CODE	POWER RATING	AC INPUT VOLTAGE	COLOUR TEMPERATURE	CRI	BEAM ANGLE	INSTALL METHOD	DIFFUSER	PAINT COLOR	ACCESSORIES <sup>2</sup>
SLD-HB	0300	277	5K0	80	130	SP	CL	DG	M – S
SLD-HB	0070 (64W)	277 (120-277V)	3K0 (2700K)	70	010 (10°)	SP	CL	DG (Dark Gray)	C (Wireless Control)
	0100 (97W)	347 (347V)	4K0 (4000K)	80	030 (25°)			LG (Light Gray)	M (Multifunction Motion Sensor)
	0160 (134W)		5K0 (5000K)	90	060 (66°)			WT (White)	S (Surge Protection)
	0240 (195W)		6K5 (6500K)		090 (90°)				X (None)
	0300 (276W)				120 (120°)				
					130 (131°)				

### ADDITIONAL NOTES:

<sup>1</sup>LOW GLARE: Glare Reduction feature is available for optical configurations of 131°.

<sup>2</sup>ACCESSORIES: Related to Surge Protection. All LED fixtures are susceptible to voltage spikes. Surge protection is highly recommended for industrial and manufacturing applications



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