

## LED High Bay Lighting System

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

### 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.

#### BELL HOUSING

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

#### OPTICAL VARIATIONS:

10° - 131° beam angles

#### LED ENCLOSURE:

IP67 Housing and Components



Alliance  
Member



### Performance Summary

Light Output:	9,240–38,040 lm
Typical Efficiency:	134–160 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:	120-277/347 Vac
Standard Warranty:	5 years

### Applications:

- Dry/Damp/Wet Location
- Warehouse
- Recreational Facility
- Critical task lighting with spot lighting options
- Arena
- Ice Rink
- Factory

### Configurations

- Multifunctional Occupancy Sensor
- 0/1-10V Dimming
- Additional Surge Protection
- Cosmetic Options
- Single-point Suspension (Chain)

# 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.  
*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, multifunctional occupancy sensor, surge protection, housing color.

## Specifications Table

Base Model	Delivered Lumen (lm)	Wattage (W)	Efficiency (lm/W)
SLD-HB-0070	9,240	69.1	134
SLD-HB-0100	12,656	94.3	134
SLD-HB-0160	20,880	130	160
SLD-HB-0240	30,360	206	147
SLD-HB-0300	38,040	280	136

## 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 <sup>A</sup>	INSTALL METHOD	DIFFUSER	PAINT COLOR	ACCESSORIES <sup>B</sup>
SLD-HB	0300	277	5K0	80	130	SP	CL	DG	M - S
SLD-HB	0070 (69W)	277 (120-277V)	2K7 (2700K)	70	010 (10°)	SP	CL	DG (Dark Gray)	D (0/1-10V Dimming)
	0100 (94W)	347 (347V)	4K0 (4000K)	80	025 (25°)			LG (Light Gray)	M (Multifunction Motion Sensor)
	0160 (130W)		5K0 (5000K)	90	060 (60°)			WT (White)	S (Surge Protection)
	0240 (206W)		6K5 (6500K)		090 (90°)				
	0300 (280W)				120 (120°)				
					130 (131°)				

**ADDITIONAL NOTES:**

<sup>A</sup> **BEAM ANGLE:** FWHM beam angles. Visit [www.lumingen.com](http://www.lumingen.com) to download IES files.

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

