



SOL High Bay Series

Compact LED High Bay Lighting System



The SOL series from Lumingen provides the perfect solution for a project that requires an economical fixture while maintaining quality in its components and performance. Utilizing a state-of-the-art quad heat sink design along with ceramic LEDs, this fixture is designed for the highest reliability of any high-bay fixture on the market. These lights would be equally at home in a factory or warehouse, gymnasium or retail setting. The optional frosted lens delivers glare free lighting with minimal light loss, making it ideal for glare sensitive applications.

Applications:

- Retail/Commercial
- Recreation Facilities
- Industrial/Manufacturing
- Warehouse
- School/Education



Lumingen Technologies, Ltd.

Specs subject to change without notice. January 8, 2020

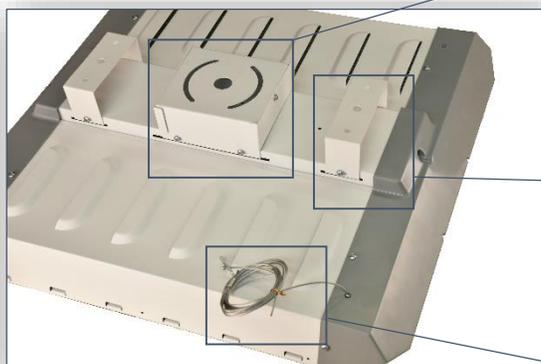
SOL Compact LED Lighting System

- Surpasses 400-watt metal-halide high bay fixtures
- LED performance >90% initial output after 325,000 hours of operating time
- System power rating at 90 Watts, 180 Watts, and 250 Watts
- Site voltage compatibility from 120 Vac to 480 Vac
- Available in 5 different beam options—10°, 25°, 66°, 90°, or 120° optics
- Glare Reduction via Optional Diffuser Lenses
- Compatible with smart energy technology—Motion Sensing, Dimming, Etc.
- Suitable for Damp Locations

Install with Pendant-style Conduits or North-American-standard 4-in Junction Boxes



Bracketed Ceiling Installation



Compatible with different Standards of Installation*



Suspension by Galvanized Aircraft Cable

* Luminaire will include only components for one specified method of installation, unless specified otherwise



SOL Compact LED Lighting System

SLD-HB-FXXX Specifications

Listing: CSA US-Canada Certified - Suitable for Dry/Damp Locations (see feature). DLC QPL Listed. e.Catalog Listed.

LED: Industry-leading Cree LEDs using a ceramic base, which yields superior optical traits (>99% reflectivity), superior heat dissipation, high temperature reliability, and low sensitivity to moisture.

Optics: Clear or Frosted Lens. Optional optics for precision light distribution with glare minimization and high optical efficiency
Lens Material: Clear, Frosted, and Prismatic.
Optional Beam angles: 10°, 25°, 60°, 90°, 120° (default)

LM80 Projected 90% LED chip lumen maintenance >325,000 hours
LM80 Projected 70% LED chip lumen maintenance >500,000 hours

Operating Temperature: -40°C to 55°C

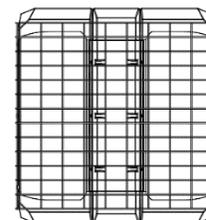
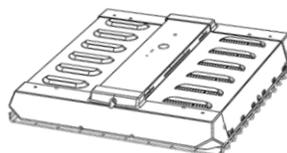
Construction: High-quality galvanized sheet steel with white powder-coat finish for additional corrosion protection and cosmetics. Quad extruded aluminum heat sink core for low chip temperatures across LEDs. Grey ABS end caps with UL94-V0 5VA rating.

Installation: 4-in NA-standard Junction Box, Pendant Conduit, Surface (Ceiling), or Suspension

Optional Feature: Impact Protection kit (required for Damp Locations), 0/1-10V dimming, integrated motion sensor, emergency backup lighting, surge protection, wireless control system

Warranty: 5 years

Model No.	SLD-HB-F100	SLD-HB-F200	SLD-HB-F300
Output Lumens	11,900 lm	24,000 lm	30,000 lm
Power Rating	91 W	180 W	250 W
Efficiency	131 lm/W	133 lm/W	120 lm/W
CRI	70, 80, 90	70, 80, 90	70, 80, 90
Color Temp. (CCT)	2700-6500K	2700-6500K	2700-6500K
Input Voltage (VAC)	120-277, 347, 480	120-277, 347, 480	120-277, 347, 480
Dimensions & Weight	58x53x9 cm 8 kg	58x53x9cm 10 kg	58x53x9cm 10 kg



Ordering Code

LAMP TYPE	SERIES CODE	POWER RATING	AC INPUT VOLTAGE	CCT	CRI	OPTICS (degrees)	INSTALLATION METHOD	LENS	[NULL]	OPTIONS*
SLD	HB	F200	277	4K0	70	120	PD	CL	00	M-D-V
S L D	H B	F 100	277	3 K 0	7 0	0 1 0 (10°)	P D (Pendant/ Junction Box)	C L	0 0	M (Motion Sensor)
	(High Bay)	(90W)	(120~277V)	(3000K)	8 0	0 3 0 (25°)	S P (Suspension)	(Clear)		D (0/1-10V Dimming)
		F 200	347 (347V)	4 K 0	9 0	0 6 0 (66°)	S F (Ceiling)	F R		C (Wireless Control)
		(180W)	480 (480V)	(4000K)		0 9 0 (90°)		(Frosted)		V (Impact)
		F 300		5 K 0		1 2 0 (120°)		P R		S (Surge Protection)
		(250W)		(5000K)				(Prismatic)		E (Emergency Light)
										X (None)

*NOTES:

ELECTRICAL SURGE:

All LED fixtures are susceptible to voltage spikes. Surge protection is highly recommended for exterior, industrial, and manufacturing applications

