



+ SOL High Bay Series

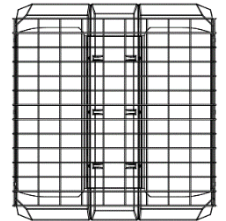
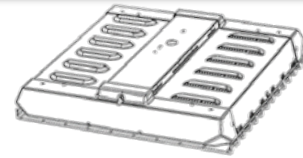
Compact LED High Bay Lighting System



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. 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. Our carefully engineered system enables us to produce a lighting solution capable of fulfilling all your lighting needs.

Applications:

- Retail/Commercial
- Recreation Facilities
- Industrial



Lumingen Technologies, Ltd.

Specs subject to change without notice. November 6, 2019

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 247 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

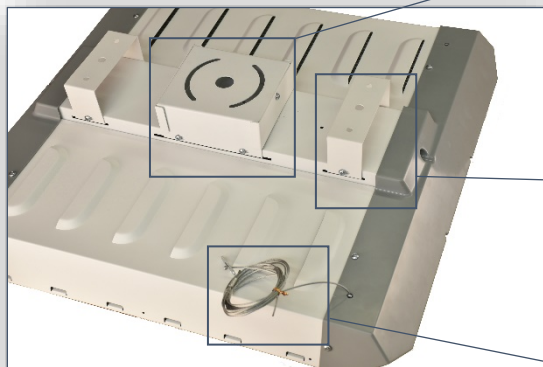
Compatible with smart energy technology—Motion Sensing, Dimming, Etc.

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: cCSAus Certified. Suitable for Damp Locations (see feature).
DLC QPL Listed. e.Catalog Listed.

LED: Ceramic-based LED chips for great efficiency, stability, and operational longevity.

Optics: Type V optics: 10°, 25°, 60°, 90°, 120°
Clear, Diffuse (~10% light decrease)

Projected 90% LED Light Loss Lifespan: 325,000 hours
Projected 70% LED Light Loss Lifespan: >> 500,000 hours
Reported L90 Lifespan as per TM-21-11: >109,000 hours

AC Power Characteristics:

91W: AC supply range: 120-277VAC, 347VAC, 480VAC; 50/60Hz;
120V (0.76A), 277V (0.36A), 347V (0.28A), 480V (0.20A)

180W: AC supply range: 120-277VAC, 347VAC, 480VAC; 50/60Hz;
120V (1.52A), 277V (0.71A), 347V (0.55A), 480V (0.41A)

247W: AC supply range: 120-277VAC, 347VAC, 480VAC; 50/60Hz;
120V (2.09A), 277V (0.97A), 347V (0.75A), 480V (0.56A)

Operating Temperature: -40°C to 55°C

Construction: High-quality sheet metal for environment ruggedness, powder-coated finish for corrosion resistance. Extruded aluminum heatsinks. High-grade UL94-V0 impact-resistant ABS plastic components. Optically-clear or Diffuse (Frosted) polycarbonate lensing

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

Model No.	SLD-HB-F100	SLD-HB-F200	SLD-HB-F300
Output Lumens	11,900 lm	24,000 lm	29,800 lm
Power Rating	91 W	180 W	247 W
Efficiency	131 lm/W	133 lm/W	121 lm/W
CRI	70, 80, 90	70, 80, 90	70, 80, 90
Color Temperature (CCT)	2700-6500K	2700-6500K	2700-6500K
L70 Life	>250,000 hours	>250,000 hours	>250,000 hours
Input Voltage (VAC)	120-277, 347, 480	120-277, 347, 480	120-277, 347, 480
Dimensions & Weight	58x53x9 cm 7.95 kg	58x53x9cm 9.85 kg	58x53x9cm 9.85 kg
Warranty	5 years	5 years	5 years

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

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
SLD	HB (High Bay)	F100 (90W) F200 (180W) F300 (247W)	277 (120~277V) 347 (347V) 480 (480V)	3K0 (3000K) 4K0 (4000K) 5K0 (5000K)	70 80 90	010 (10°) 030 (25°) 060 (66°) 090 (90°) 120 (120°)	PD (Pendant/ Junction Box) SP (Suspension) SF (Surface/ Ceiling)	CL (Clear) FR (Frosted)	00	M (Motion Sensor) D (Dimming) C (Wireless Control) V (Impact) X (None)

*OPTIONS:

For orders with several options, code shall be appended as follows:

SLD-HB-Fxxx-xxx-xx-xxx-xx-xx-xx- [OPTION 1] - [OPTION 2] - ... - [OPTION n]

If no options are desired, apply a single code "X" in the OPTIONS area.

Example above: M-D-V: Motion Sensing (M), 0/1-10VDC Dimming (D), and Impact Protection (V)



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±10% on light flux and power specifications