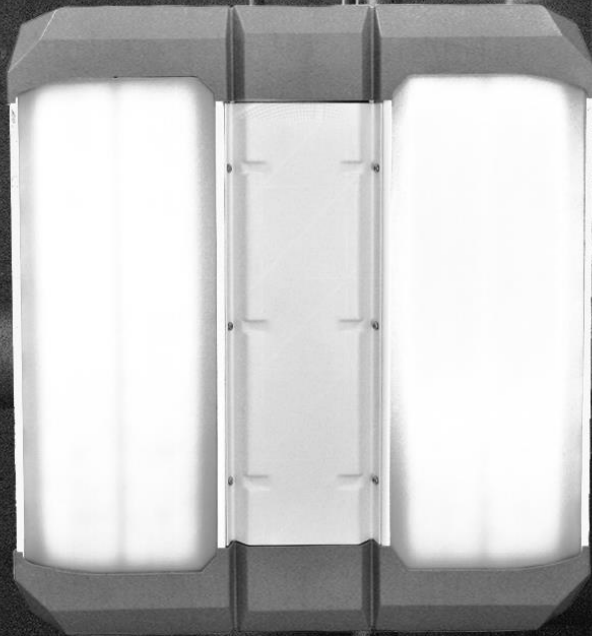




SOL Compact LED Lighting System LED HIGH BAY SLIM SERIES



Lumingen Technologies, Ltd.

Specs subject to change without notice. November 28, 2016

SOL Compact LED Lighting System

Surpasses 400-watt metal-halide high bay fixtures

250,000-Hour of maintained light output

System power rating at 90 Watts, 180 Watts, and 265 Watts

Site voltage compatibility from 120VAC to 480VAC

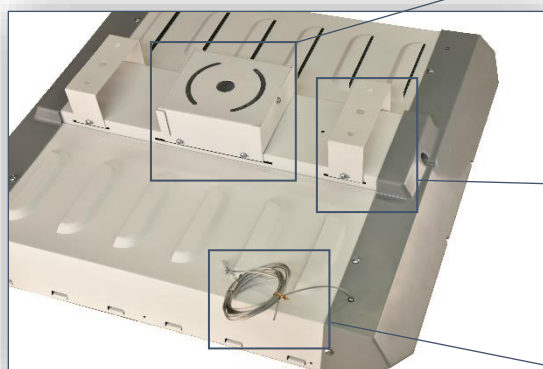
Available in 5 different beam options—10°, 25°, 66°, 90°, or 120° optics

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

SOL Compact LED Lighting System

SLD-HB-Fxxx Specifications

Listings: CSA CUS Certified, Suitable for Damp Locations*, DLC QPL Pending

LEDs: Ceramic-substrate-based LED chips for high efficiency, great stability, and incredible operational longevity.

Lifespan: 250,000-hour L70 LED maintenance life extrapolated from LM-80 results and TM-21 calculations

AC Power Characteristics:

90W: AC supply range: 120-277VAC, 347VAC, 480VAC; 50/60Hz; 120V (0.75A), 277V (0.33A), 347V (0.26A), 480V (0.19A)

180W: AC supply range: 120-277VAC, 347VAC, 480VAC; 50/60Hz; 120V (1.50A), 277V (0.66A), 347V (0.52A), 480V (0.38A)

265W: AC supply range: 120-277VAC, 347VAC, 480VAC; 50/60Hz; 120V (2.21A), 277V (0.96A), 347V (0.77A), 480V (0.56A)

NOTE: Applicable for SLD-HB-F200 Models ONLY

Operating Temperature: -40°C to 55°C

Well-engineered heat-dissipation technology to optimize LED operation for a wide range of temperatures.

Housing: High-quality sheet steel manufacturing for environmental ruggedness, power-coated white finish for corrosion resistance; High-grade UL94-V0 ABS plastic.

Mounting: Installation on 4-in junction boxes, pendant conduits, on ceiling surfaces, or by cable suspension

Lens Material: Optically-clear or diffuse (frosted) polycarbonate

Optics: available in axial-symmetric beam angles of 10°, 25°, 66°, 90°, or 120°

Warranty: 5 years; extendable to 10 years

Certification/Standards: Certified for compliancy with relevant safety standards by CSA Group. Compliant with IESNA Standards for LM-79 for luminaire performance and LM-80 for LED performance characteristics.

*An impact protection kit must be included if the application is in a damp location.

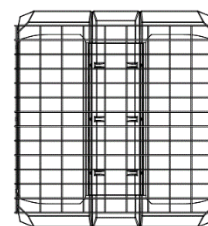
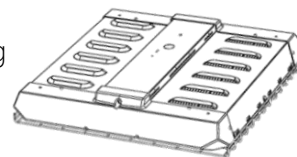
www.lumingen.com
Office: 1.604.371.4112

Model No.	SLD-HB-F100	SLD-HB-F200
Output Lumens	12,000 lm	24,000 lm 30,000 lm**
Power Rating	90 W	180 W 265 W**
Efficiency	133 lm/W	133 lm/W
Available Color Accuracies (CRI)	70, 80, 90	70, 80, 90
Color Temperature (CCT)	2700-6500K	2700-6500K
L70 Life	250,000 hours	250,000 hours
AC Input Voltage (units: V)	120-277, 347, 480	120-277, 347, 480
Dimensions & Weight	58x53x9 cm 7.95 kg	58x53x9cm 9.85 kg
Warranty	5 years	5 years

**30,000-lumen optional configuration at a rated power of 265 Watts. For SLD-HB-F200 models ONLY.

Options

- 0-10Vdc Dimming
- In-fixture Motion Sensor
- Emergency Backup Lighting
- Surge Protection
- Wireless Control
- Impact Protection Kit



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±10% on light flux and power specifications

SOL Compact LED Lighting System

Ordering Code

LAMP TYPE	LAMP CODE	POWER RATING	AC INPUT VOLTAGE	CCT	CRI	OPTICS (degrees)	INSTALLATION METHOD	LENS	LUMEN OUTPUT*	OPTIONS*
SLD	HB	F200	277	4K0	70	120	PD	CL	30	MDV
SLD	HB	F100	277	3K0	70	010 (10°)	PD	CL	12	M (Motion Sensor)
	(High Bay)	(90W)	(120~277V)	(3000K)	80	025 (25°)	(Pendant/Junction Box)	(Clear)	(12000 lm)	D (Dim, 0-10VDC)
		F200	347	4K0	90	060 (66°)	SP	FR	24	C (Control)
		(180W/265W)	(347V)	(4000K)		090 (90°)	(Suspension)	(Frosted)	(24000 lm)	V (Impact*)
			480	5K0		120 (120°)	SF		30	X (None)
			(480V)	(5000K)			(Ceiling)		(30000 lm)	

Example above: SLD-HB-F200-277-4K0-70-120-PD-CL-30-MDV

Example info: 30,000 lm/265 W light fixture; 120-277VAC; OPTIONS: Motion Sensing (M), 0-10VDC Dimming (D), and Impact Protection (V)

*NOTES:

LUMEN OUTPUT.

For 12,000 lm (90 W) fixture, indicated by the following ordering code form:

For 24,000 lm (180 W) fixture, indicated by the following ordering code form:

For 30,000 lm (265 W) fixture, indicated by the following ordering code form:

xxx-xx-F100-xxx-xxx-xx-xxx-xx-xx- 12-x

xxx-xx-F200-xxx-xxx-xx-xxx-xx-xx- 24-x

xxx-xx-F200-xxx-xxx-xx-xxx-xx-xx- 30-x

OPTIONS.

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

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

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

Impact Protection Kit (Order Code: V) must be included if the application is in a damp location.



Visit us at
www.lumingen.com

Or call us at 1.604.371.4112

Specifications and dimensions are subject to change without notice.