

Dual Lens for Cool Operation

Pedestrian Areas

Flagpole Lighting

Building Accent

Wall Wash

Sign Lighting



Specifications



Certifications

ETL and CETL listed for wet location, direct burial, concrete pour and is also listed for indoor usage. Certified to IP65 and IP67 to ensure protection against the harshest environments. IEC compliant versions available, consult factory.

Lamp/Ballast Housing

Compression molded Rhinolite™ composite material, structurally reinforced with glass fibers. Superior resistance to ultraviolet degradation and corrosion resistant in harsh environments. Trim Rng (TR) and Debris Cover (DC) supplied standard.

Splice Compartment

Supplied with two 3/4" NPT conduit entrances. Connection to ballast compartment by way of anti-wicking device. Sealed with gasketed die cast aluminum cover plate. Suitable for through wiring.

Dual Lens

External lens standard 3/8" clear tempered flat borosilicate glass (F) or ADA anti slip and walkover clear tempered flat borosilicate glass (ADA). Flat lenses will withstand loads up to 200 PSI. Sealed to housing with high temperature injection molded silicone gasket. Optional linear spread lens also available. Internal lens is 1/4" clear tempered flat soda-lime glass.

Lens Frame

Heavy duty die cast bronze lens frame is supplied as standard. Fastened to housing with six captive 10-24 stainless steel Allen cap screws.

Reflectors

Spun aluminum highly specular Alzak™ finish for either NEMA type 1 or 2 spot (SPT) or NEMA type 3 or 4 flood (FLD) distributions. Field adjustable up to 25° tilt and 360° horizontal rotation. NOTE: Tilt adjustment varies by lamp type.

Lamp Holder

Porcelain 4kv pulse rated medium base for HID and Incandescent lamp sources.

Options

Cast aluminum Convex Rock Guard (CR), and Directional Shield (DS). Internal Glare Shield (IGS), Internal Hex Cell Louver (HL), Glass Color Filter (GF), Clear Frosted Lens (CFL), Grout Mask (GM).

Finish

Housing Black (BK). Options can be painted in standard or custom colors. Powder Coat Standard.

Safety


Caution: Care should be taken when specifying fixtures for use in pedestrian walkways to avoid problems that may be caused by high lens temperatures. Consult factory for more information.

Warning

Caution: Care should be taken not to install in-ground fixtures in areas where water can stand for prolonged periods of time. Sufficient drainage must be provided to avoid problems. Consult factory for more information.

SL-23HPBB

PROJECT
FIXTURE TYPE
CATALOG#

 Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and/or with the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

Product Order Guide

Series	Max Watts	Lamp Type	Voltage ²	Optics	Lens	Finish ^{1,6}	Options
SL-23-HPBB							
Metal Halide							
39MH		Par20 ⁵	120	SPT Spot	F Clear Flat	BK ¹ Black	CR Convex Rockguard ^{3,4}
70MH		T6	208	NFLD Narrow Flood	ADA ADA Walkover	BZ ¹ Bronze	DS Directional Shield ^{3,4}
70MH		T4	240	MFLD Medium Flood	LS Linear Spread	WH ¹ White	HL Hex Cell Louver
			277			GR ¹ Green	GF Glass Color Filter
						NA ¹ Natural Alum	CFL Clear Frosted Lens
20MH		BT5	120			GY ¹ Gray	GM Grout Mask
20MH		T4	120/277			CC ¹ Custom Color	AHOT AIM-HOT™
							LFSS Stainless Steel Lens Frame
							STA Square Top Adaptor ^{3,4}
Incandescent/Halogen/Low Voltage							
100INC		T4mini	120				
50INC		Par20 ⁵	120				
75INC		MR16 ⁵	120/277/12				

¹ Powder Coat Standard.

Note: E17 Lamps 150W and below are medium base

² Consult factory for other voltages and finishes.

³ Consult factory for cast bronze options.

⁴ These options are supplied in heavy wall cast aluminum.

⁵ Does not require internal optics

Example: SL-23-HPBB-70MH-T6-277-SPT-F

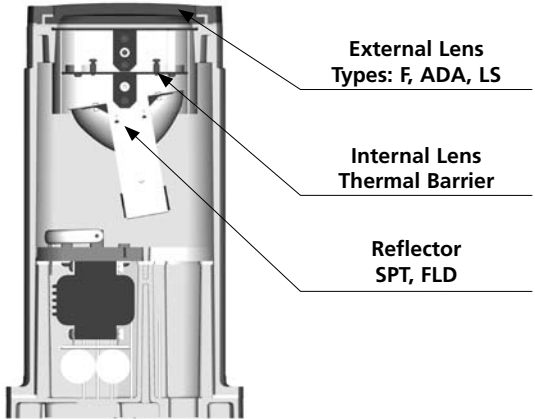
Luminaire Lens Temperatures

Luminaire	Center		Off-Center	
	°C	°F	°C	°F
SL-23-HPBB-70MH-T6-FLD	86°	187°	76°	177°
SL-23-HPBB-39MH-T6-FLD	64°	147°	61°	142°
SL-23-HPBB-20MH-BT5-FLD	52°	126°	50°	122°
SL-23-42CFT-FLD-GF ¹	63°	145°	60°	140°

Note: All temperatures are maximum relative to 25° C ambient.

¹ 42CFT tested with clear filter only, no HPBB option

Consult factory for details of the temperature test and a copy of the test report.



Luminaire Dimensions

Luminaire	A		B		C		D		E		Weight	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	lbs.	kg
SL-23-HPBB-F	6.95	177	0.75	19	14.10	358	8.50	216	n/a	n/a	20.0	9.1
SL-23-HPBB-CR	6.95	177	0.75	19	14.10	358	8.50	216	1.00	25	20.5	9.3
SL-23-HPBB-DS	6.95	177	0.75	19	14.10	358	8.50	216	3.85	98	21.0	9.5

