

Scimitar Efficiency LED High Bay

Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION — The high performance luminaire is designed for high bay applications where long life, low maintenance, and consistent color rendering is required. Areas with limited accessibility due to fixture location or where heavy traffic makes maintenance difficult are ideal applications such as big box retail, industrial environments or parking garages.

CONSTRUCTION — The heavy duty housing is constructed of cast aluminum with heat dissipating fins. The optical assemblies are sealed in place using a silicone gasket for weather tight protection. Modular LED system for ease of maintenance. Additional IP66 rating available upon request. Each fixture comes standard with preps to accommodate advanced wireless control, management and reporting systems for outdoor lighting.

FINISH — A corrosion-resistant black E-Coat layer that forms a uniform and all-encompassing protective barrier is applied to the fixtures prior to electrostatically applying a super durable powder coat finish. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request.

OPTICAL SYSTEM — Made with a state of the art UV stabilized acrylic high performance refractive optical assemblies that use high transmissivity materials to achieve precise photometric distributions. Available in Type V Narrow, V Medium and V Wide beam configurations.

ELECTRICAL SYSTEM — Available in up to a 6 module LED system in 5000K-70 CRI Cool White (+/- 500K) or 4100K-70 CRI Neutral White color temperatures propagated with LED's. Consult factory for high CRI (90+) model availability. Available with 100-300V 50/60 Hz Class II power supply. LED's rated for over 50,000 hours at 25°C ambient temperature. 347V-480V input option available. 0-10V dimming. Built-in



SERIES	HOUSING HEIGHT	LENGTH & WIDTH	WEIGHT
SEHB	13.10" (with mount)	27.10" x 16.02"	49 lbs

surge protection up to 10 kV. Built-in Active PFC Function >95%/Full load. LED Power Supply conforms to UL8750 standards and is IP65 rated for wet locations.

MOUNTING — A 3/4" hub comes standard for pendant mounting. Fixture may be suspended in structured ceiling applications.

LISTINGS — LED bricks ETL listed for wet locations. Meets US and Canadian safety standards. -40°C to 40°C ambient operation. RoHS Compliant.

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

EXAMPLE:

SEHB 4 C 40L T5N 1 BZ

SEHB							
SERIES	# OF MODULES	COLOR TEMP	NOMINAL LUMENS		OPTICS	VOLTAGE	FINISH
	2 = 2 Modules 4 = 4 Modules 6 = 6 Modules	C = Cool White (5000K) N = Neutral White (4100K)	2 Brick Only	25L = 2500 Lumens 30L = 3000 Lumens 35L = 3500 Lumens	T5N = Type V Narrow T5M = Type V Medium T5W = Type V Wide	1 = Multi-Volt ¹ 2 = 347-480V	BZ = Bronze BK = Black GR = US Green WH = White GRY = Industrial Gray SP = Special ²
			4 Brick Only	40L = 4000 Lumens 45L = 4500 Lumens 50L = 5000 Lumens 55L = 5500 Lumens 60L = 6000 Lumens 65L = 6500 Lumens 70L = 7000 Lumens			
			6 Brick Only	75L = 7500 Lumens 80L = 8000 Lumens 85L = 8500 Lumens 90L = 9000 Lumens 95L = 9500 Lumens 100L = 10000 Lumens 105L = 10500 Lumens			

ACCESSORIES (Order as separate line items)

- HDHK75** Heavy Duty Conduit Outlet Box with Ball Type Hanger
- HDHMK** Heavy Duty Hook Mounting Kit
- HDSTEM12** 12"x .75" Schedule 80 Steel Stem
- HDSTEM24** 24"x .75" Schedule 80 Steel Stem
- HDSTEM36** 36"x .75" Schedule 80 Steel Stem
- WOCLEV³** Fixture Mount PIR Occupancy Sensor
- WOCBT⁴** Bluetooth Mesh Wireless Smart Control

NOTES

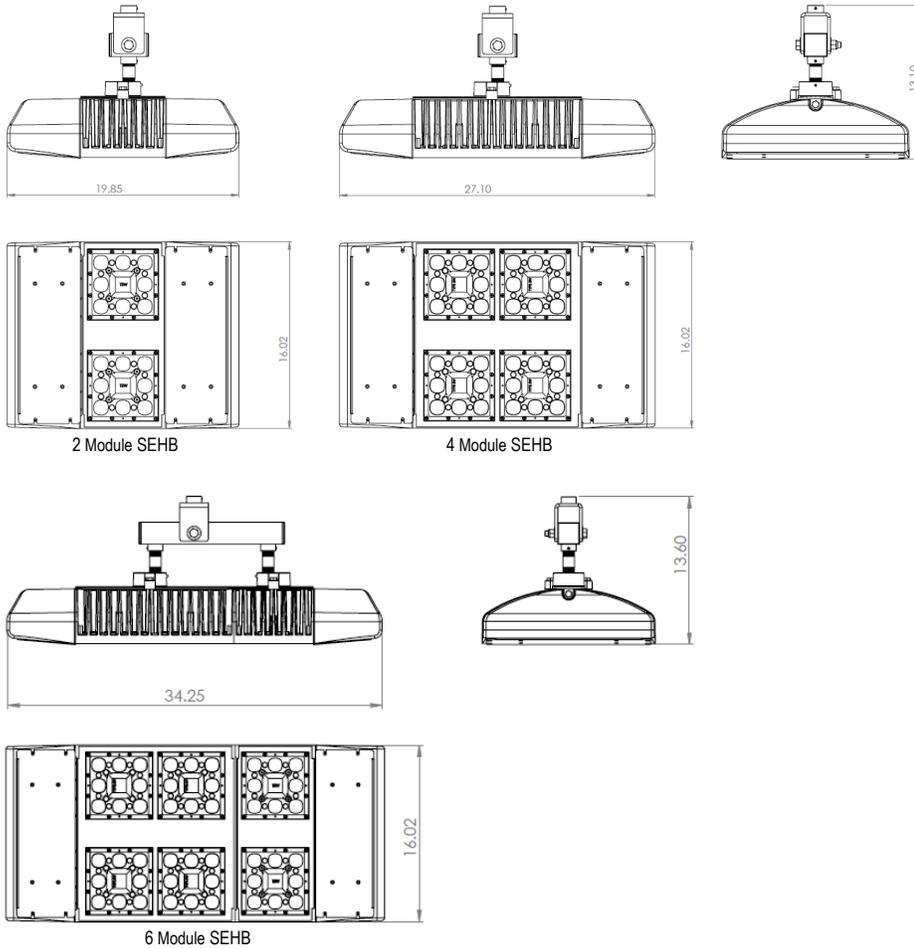
- 1=** Multi-Volt is an auto ranging power supply from 100V to 300V input.
- 2=** Custom RAL color matching is available. Contact your sales representative for additional info.
- 3=** PIR Occupancy Sensor Input voltage 120-347V.
- 4=** Bluetooth Mesh Input voltage 120-277V



SEHB Scimitar Efficiency LED High Bay

AVAILABLE FIXTURE DIMENSIONS

Dimensions shown are for fixture bodies only. Mounting options must be ordered separately.



MOUNTING ACCESSORIES



LUMINAIRE CHARACTERISTICS

40°C Ambient Rated Fixture Models

# of LED MODULE	Drive Current	Color Temp	Delivered Lumens			System Wattage	L70 @ 25°C	Amperage Draw					
			TYPE 5N	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
2 MODULE	1050 mA	Cool White (5000K)	23341	23650	23769	216	>50K	1.80 A	1.04 A	0.90 A	0.78 A	0.63 A	0.45 A
2 MODULE	1050 mA	Neutral White (4100K)	22442	22740	22846	216	>50K	1.80 A	1.04 A	0.90 A	0.78 A	0.63 A	0.45 A
4 MODULE	1050 mA	Cool White (5000K)	46681	47300	47537	432	>50K	3.60 A	2.08 A	1.80 A	1.56 A	1.25 A	0.90 A
4 MODULE	1050 mA	Neutral White (4100K)	44883	45479	45692	432	>50K	3.60 A	2.08 A	1.80 A	1.56 A	1.25 A	0.90 A
6 MODULE	1050 mA	Cool White (5000K)	70021	70950	71305	648	>50K	5.40 A	3.12 A	2.70 A	2.34 A	1.87 A	1.35 A
6 MODULE	1050 mA	Neutral White (4100K)	67325	68219	68538	648	>50K	5.40 A	3.12 A	2.70 A	2.34 A	1.87 A	1.35 A



WARNING: Maintenance performed including the replacement of LED modules while power is still supplied to the luminaire may result in system failures and will void the warranty.



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FIXTURE MOUNT SENSOR

DIMMING OCCUPANCY SENSORS

WOCLEV PIR

Both highbay and lowbay lens are provided with fixture. Highbay lens is factory installed as standard. Lowbay lens must be field installed unless otherwise requested.



ANDROID & IOS APP AVAILABLE FOR BLUETOOTH CONTROLLER



Android



IOS



WOCBT PIR

HOLH 2D model shown with dimming occupancy sensor with bluetooth mesh technology

FEATURES & SPECIFICATIONS

APPLICATION — The WOCBT and WOCLEV PIR Fixture Mount High Bay/Low Bay Dimming Occupancy Sensor with Integrated Photocell and Two Interchangeable Lenses provides 1-10V control. They both are easy to program and set for desired 1-100% continuous dimming levels during daylight lighting. Included with the sensor are lenses for high-bay and low-bay applications, allowing one unit to cover a variety of high ceiling areas such as warehouses, manufacturing and other high ceiling applications. The sensors provide reliable coverage up to 40 ft. mounting heights. They also are available in a model for cold storage applications with temperatures as low as -40° F.

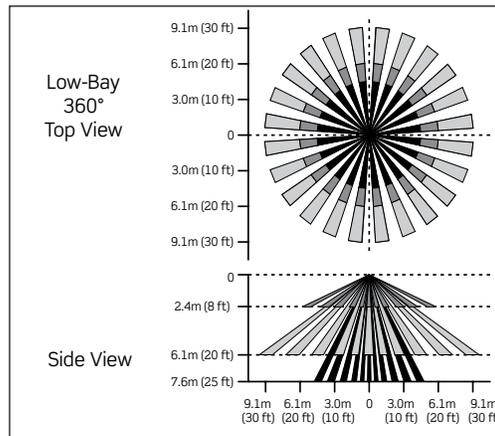
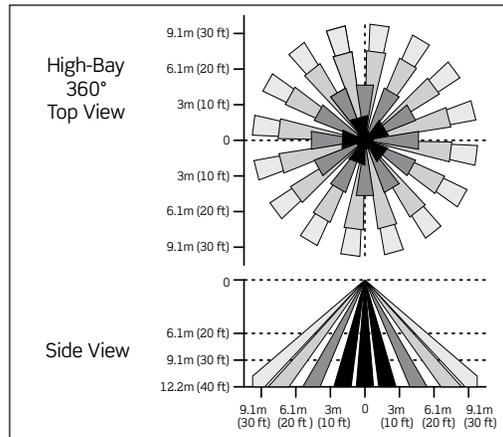
MOUNTING — The sensors install directly to LED fixture through a standard 1/2" knockout using the provided locknut. Wiring is factory connected inside the fixture body.

FEATURES —

- 1-100% continuous dimming control
- Specifically designed for LED fixture control
- Patented AutoCal™ for set-it and forget-it photocell calibration
- Suitable for use in standard and cold storage applications
- Visual RGB LED indicators for device states and easy troubleshooting
- Alternating relay software for increased lamp life
- Interchangeable 360° high bay and low bay lenses included
- Adjustable time delay (no power required)
- Pre-stripped color-coded wire leads
- Quicksnap feature for easy installation
- H.I.S. (High Inrush Stability) Technology
- Zero crossing circuitry
- Robust mechanical latching relay
- Relay always returns to close after power loss event
- UL listed for electronic driver loads 120/277V

SENSOR LENSES FIELD OF VIEW

Offset Adaptor Accessory



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