

Scimitar Economy 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 8 brick 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:

SEHB4CMT5ND1BZ

SEHB							
SERIES	# OF BRICKS	COLOR TEMP	# LED'S PER BRICK	OPTICS	DRIVE CURRENT	VOLTAGE	FINISH
	2 = 2 Brick 4 = 4 Brick 6 = 6 Brick 8 = 8 Brick	C = Cool White (5000K) N = Neutral White (4100K)	M = 8 Luxeon MX LEDs	T5N = Type V Narrow T5M = Type V Medium T5W = Type V Wide	D = 1050 mA	1 = Multi-Volt ¹ 2 = 347-480V	BZ = Bronze BK = Black GR = US Green WH = White GRY = Industrial Gray SP = Special ²

ACCESSORIES (Order as separate line items)

HDHK75	Heavy Duty Conduit Outlet Box with Ball Type Hanger
HDSTEM12	12" x .75" Schedule 80 Steel Stem
HDSTEM24	24" x .75" Schedule 80 Steel Stem
HDSTEM36	36" x .75" Schedule 80 Steel Stem
HKHMK	Heavy Duty Hook Mounting Kit

NOTES

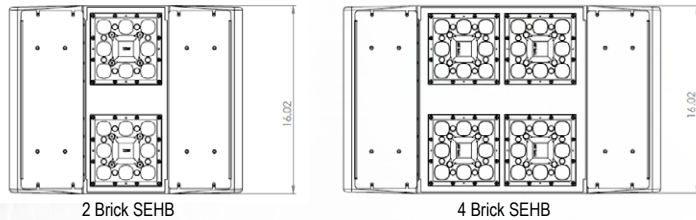
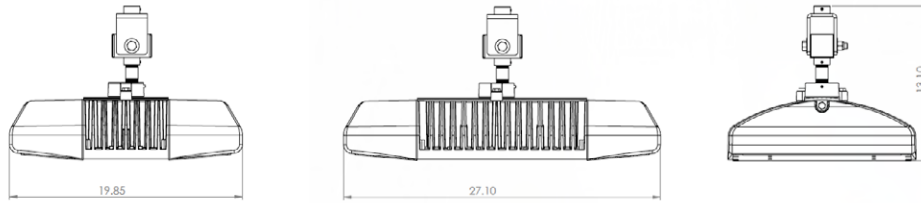
1= Multi-Volt is an auto ranging power supply from 100V to 300V input.

2= Custom RAL color matching is available. Contact your sales representative for additional info.

SEHB Scimitar Economy LED High Bay

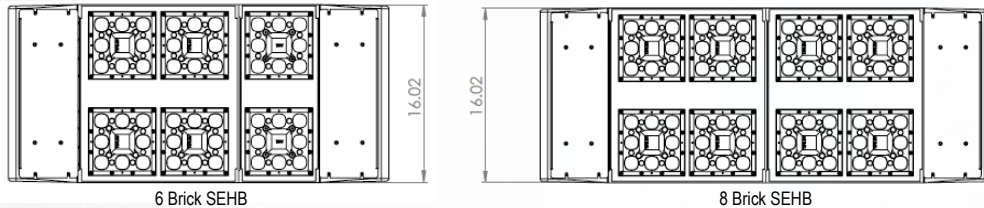
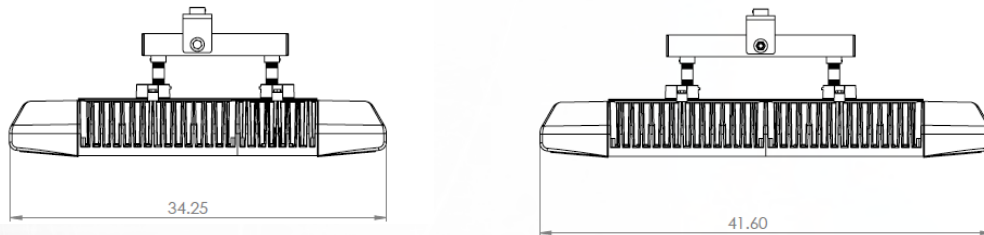
AVAILABLE FIXTURE DIMENSIONS

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



2 Brick SEHB

4 Brick SEHB



6 Brick SEHB

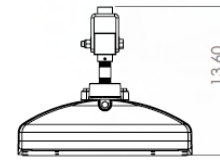
8 Brick SEHB

MOUNTING ACCESSORIES



HDHK75
Ball Type Hanger

HDHK75
Heavy Duty Hook Mounting Kit



LUMINAIRE CHARACTERISTICS

40°C Ambient Rated Fixture Models

# of LED Bricks	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 BRICK	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 BRICK	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 BRICK	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 BRICK	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 BRICK	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 BRICK	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
8 BRICK	1050 mA	Cool White (5000K)	93361	94600	95073	864	>50K	7.20 A	4.16 A	3.60 A	3.12 A	2.49 A	1.80 A
8 BRICK	1050 mA	Neutral White (4100K)	89766	90958	91384	864	>50K	7.20 A	4.16 A	3.60 A	3.12 A	2.49 A	1.80 A

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



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All dimensions and specifications are subject to change without notice.

REV: 20170803-01