



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. ETL listed for wet locations (IP64). 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 transmittivity 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 CREE® XLamp XHP70 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.

# LSMH

## High Lumen Output Scimitar LED High Bay



SERIES	HOUSING HEIGHT	LENGTH & WIDTH
<b>LSMH</b>	6.98"	42.10" x 18.18"

0-10V dimming. Built-in 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 Power Supply listed for wet locations (IP65). LED bricks ETL listed for wet locations (IP64). Meets US and Canadian safety standards. -40°C to 50°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:

**LSMH 6 C M T5N F 1 BZ**

LSMH							
SERIES	# OF BRICKS	COLOR TEMP	# LED'S PER BRICK	OPTICS	DRIVE CURRENT	VOLTAGE	FINISH
	<b>2</b> = 2 Brick <b>4</b> = 4 Brick <b>6</b> = 6 Brick	<b>C</b> = Cool White (5000K) <b>N</b> = Neutral White (4100K)	<b>X</b> = 8 XHP70 LEDs	<b>T5N</b> = Type V Narrow <b>T5M</b> = Type V Medium <b>T5W</b> = Type V Wide	<b>F</b> = 1400 mA	<b>1</b> = Multi-Volt <sup>1</sup> <b>2</b> = 347~480V	<b>BZ</b> = Bronze <b>BK</b> = Black <b>GR</b> = US Green <b>WH</b> = White <b>SP</b> = Special <sup>2</sup>

## 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

## 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.



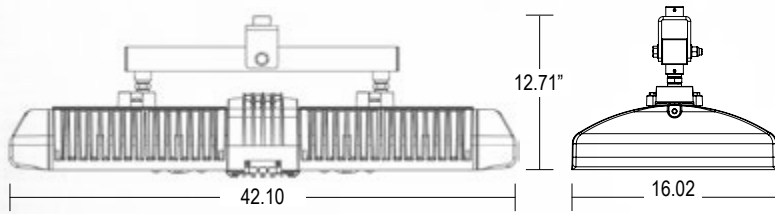
DesignLights Consortium® Qualified. Please go to [www.designlights.org](http://www.designlights.org) for the current Qualified Products List. Further details about qualified models may be found under Family Models.



# LSMH High Lumen Output Scimitar LED High Bay

## AVAILABLE FIXTURE DIMENSIONS

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



Dimensions shown for 6 Brick Unit

## MOUNTING ACCESSORIES



**HDHK75**  
Ball Type Hanger

## LUMINAIRE CHARACTERISTICS

### 1400 mA Drive Current

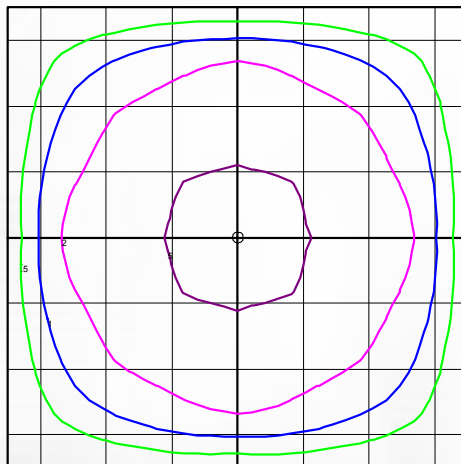
# of LED Bricks	Drive Current	Color Temp	Delivered Lumens			System Wattage	L70 @ 25°C	Amperage Draw					
			TYPE 5N	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
2 BRICK	1400 mA	Cool White (5000K)	36331 B5 U0 G2	36703 B5 U0 G1	32949 B5 U0 G4	280	>50K	2.34 A	1.35 A	1.17 A	1.02 A	0.81 A	0.59 A
4 BRICK	1400 mA	Cool White (5000K)	72661 B5 U0 G3	73407 B5 U0 G2	65897 B5 U0 G5	560	>50K	4.67 A	2.70 A	2.34 A	2.03 A	1.62 A	1.17 A
6 BRICK	1400 mA	Cool White (5000K)	108992 B5 U0 G4	110110 B5 U0 G2	98846 B5 U0 G5	840	>50K	7.00 A	4.04 A	3.50 A	3.04 A	2.43 A	1.75 A
2 BRICK	1400 mA	Neutral White (4100K)	34933 B5 U0 G2	35292 B5 U0 G1	31681 B5 U0 G4	280	>50K	2.34 A	1.35 A	1.17 A	1.02 A	0.81 A	0.59 A
4 BRICK	1400 mA	Neutral White (4100K)	69867 B5 U0 G3	70583 B5 U0 G2	63363 B5 U0 G5	560	>50K	4.67 A	2.70 A	2.34 A	2.03 A	1.62 A	1.17 A
6 BRICK	1400 mA	Neutral White (4100K)	104800 B5 U0 G4	105875 B5 U0 G2	95044 B5 U0 G5	840	>50K	7.00 A	4.04 A	3.50 A	3.04 A	2.43 A	1.75 A

## PHOTOMETRICS

### IES INDOOR REPORT PHOTOMETRIC FILE NAME: LSMT6CXT5WF

Type V Narrow Optical  
Assembly  
6 Brick, 1400mA, Cool  
White

840W LSMH LED Scimitar  
Color Temperature: 5,000 K



TECHLIGHT  
LSMT-6CXT5WF  
SCIMITAR  
LED COOL WHITE XHP70 (1400mA)

Horizontal Footcandles  
Scale: 1 inch = 30 Ft  
Light Loss Factor = 1.00  
Lumens Per Lamp = N.A. (absolute photometry)  
Luminaire Lumens = 93250  
Mounting Height = 30.00 Ft  
Maximum Calculated Value = 7.32 Fc  
Arrangement: Single

**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.\*\*

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