



Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION — The high lumen output luminaire is designed to be a replacement for HID fixtures up to 1000W. It is optimal for lighting applications where long life, low maintenance, and consistent color rendering is required. Areas with limited accessibility due to fixture location or where heavy pedestrian or vehicle traffic makes maintenance difficult are ideal applications. The high wattage/lumen output allows the fixture to be used for parking, restaurant, quick service, shopping centers or sports lighting applications.

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 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 4 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

LSMA SERIES

High Lumen Output Scimitar LED Flood Light



SERIES	HOUSING HEIGHT	LENGTH & WIDTH	EPA (FT²) @ 0'
LSMA	5.23"	22.73" x 16.02"	0.93

supply. LED's rated for over 50,000 hours at 25°C ambient temperature. 347V~480V input option available. 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 — Standard mounting options include a 2" adjustable slip fitter for tenon mounting, and an adjustable Trunnion mount. Additional mounting options may be available for custom 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:

LSMA4CXT5WF1-BZ

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

ACCESSORIES (Order as separate line items)

- B15** Trunnion Mount
- 2AF** 2" Adjustable Slip Fitter
- SLSMA** Front Light Shield
- PCR7** Twist-Lock Photocell Receptacle
- PC2** 480V Twist-Lock Photocell
- PC6** Multi-Tap (105-285V) Twist-Lock Photocell
- IP66⁶** Additional IP66 Fixture Rating

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 = Order one per LED brick. Field installed.
- ⁴ = Additional IP66 rating may not be changed once production has begun on the fixtures.



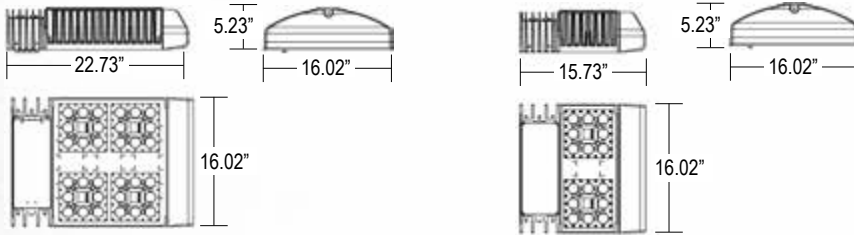
DesignLights Consortium® Qualified. Please go to www.designlights.org for the current Qualified Products List. Further details about qualified models may be found under Family Models.



LSMA High Lumen Output Scimitar LED Flood Light

AVAILABLE FIXTURE DIMENSIONS

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



Dimensions shown for 4 Brick Unit

Dimensions shown for 1 or 2 Brick Unit

FIXTURE & MOUNTING ACCESSORIES

B15
Trunnion Mount



2AF
2" Adjustable Slip Fitter



S213³
Angled Back Light Shield



PCR
Photocontrol Receptacle (Factory Installed)



PC2
480V Twist-Lock
Photocell



PC6
Multi-Tap (105-285V)
Twist-Lock Photocell

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
1 BRICK	1400 mA	Cool White (5000K)	17137	17313	15542	147	>50K	1.23 A	0.71 A	0.62 A	0.54 A
2 BRICK	1400 mA	Cool White (5000K)	34274	34626	31084	294	>50K	2.45 A	1.42 A	1.23 A	1.07 A
4 BRICK	1400 mA	Cool White (5000K)	68548	69252	62167	588	>50K	4.90 A	2.83 A	2.45 A	2.13 A
1 BRICK	1400 mA	Neutral White (4100K)	16478	16647	14944	147	>50K	1.23 A	0.71 A	0.62 A	0.54 A
2 BRICK	1400 mA	Neutral White (4100K)	32956	33294	29888	294	>50K	2.45 A	1.42 A	1.23 A	1.07 A
4 BRICK	1400 mA	Neutral White (4100K)	65913	66588	59776	588	>50K	4.90 A	2.83 A	2.45 A	2.13 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.

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