



LUMA SERIES
SQUARE

Current @

Current - HLI Brands

701 Millennium Blvd.
Greenville, SC 29607

currentlighting.com/Beacon

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All values are design or typical values when measured under laboratory conditions.

(Rev 03/10/25)

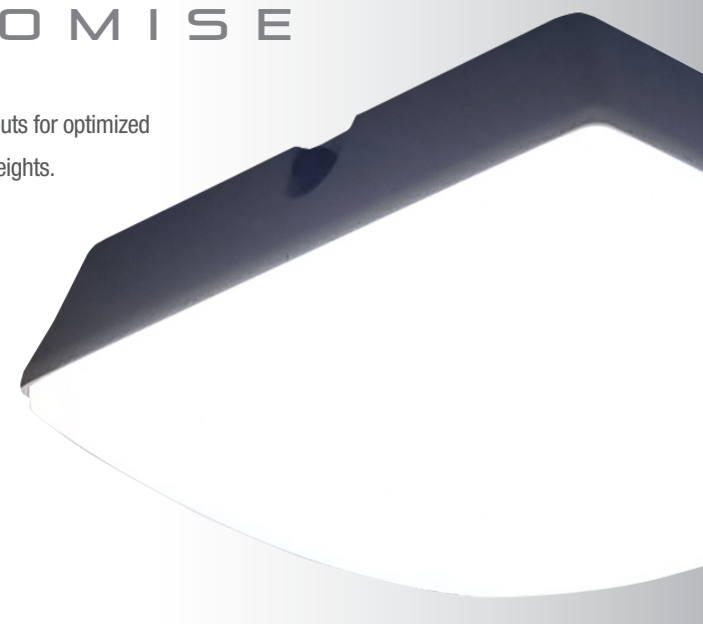
Lumasquarebrochure-HLI00339_R02



FORM | PERFORMANCE | VISUAL COMFORT
NO COMPROMISE

Lumasquare is available in two low profile housing sizes and four lumen outputs for optimized performance and scalability to meet a variety of applications and mounting heights.

A specially designed acrylic lens provides a blended, non-pixelated light for unprecedented visual comfort.



TWO SIZES FOR SCALABILITY AND SEAMLESS RETROFITS



Lumasquare provides a seamless retrofit solution for traditional HID sources up to 250W. In addition, Lumasquare effectively covers unsightly existing HID luminaire installation footprints while saving energy and providing low glare illumination.

CANOPY REDEFINED

Lumasquare luminaires provide a seamless blend of performance, visual comfort, controls and accessory options in an elegant/low profile form factor to enhance the environment in which they occupy.



LSQ1



LSQ2

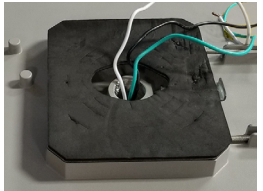
BEFORE



AFTER



SUPERIOR DESIGN



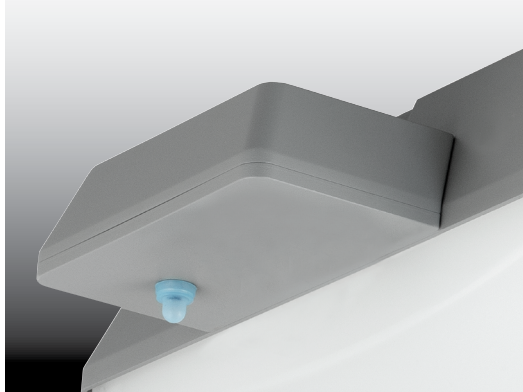
4" junction box or 3/4" threaded pendant mount with easy install mounting plate and hook

Mounting hanger for easy 4 step installation

Four 1/2" threaded hubs for surface conduit wiring



EMERGENCY EGRESS PHOTOCONTROL WIRELESS+SENSORS

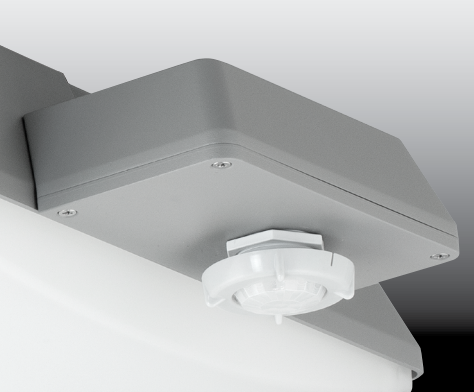


Battery back up option available on LSQ2 versions. Delivers life safety code average illuminance of 1.0 fc.

- Integral to fixture
- Manual test button
- Lithium iron phosphate battery
- Optional heater rated down to -30°C



Photocontrol option available for energy-saving dusk-to-dawn operation. Installs in the top conduit hub.

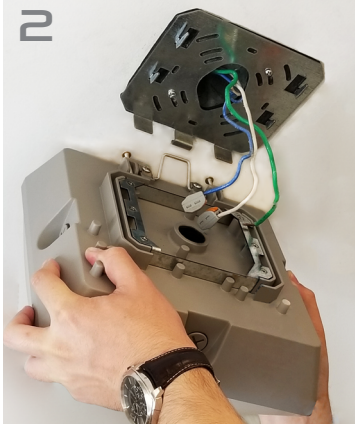


Occupancy sensor provides significant energy savings by lowering light levels or only lighting the application area where and when it's needed.

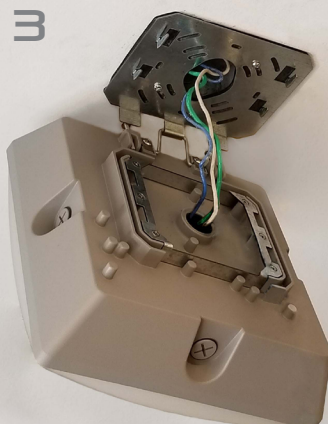
SIMPLE INSTALLATION



1 Mount plate to junction box.



2 Hang fixture on mounting plate with provided integral hook.



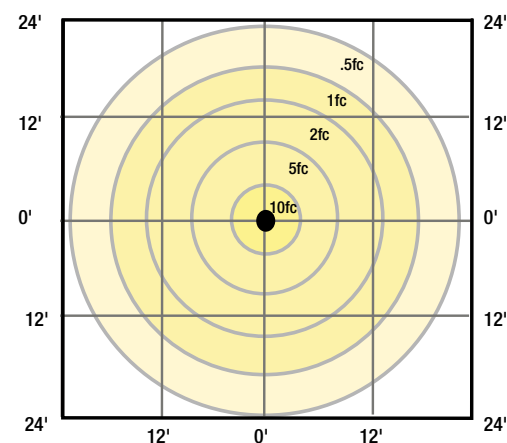
3 Complete wiring connections.



4 Two mounting screws close and secure fixture to the mounting bracket.

PERFORMANCE

LSQ1

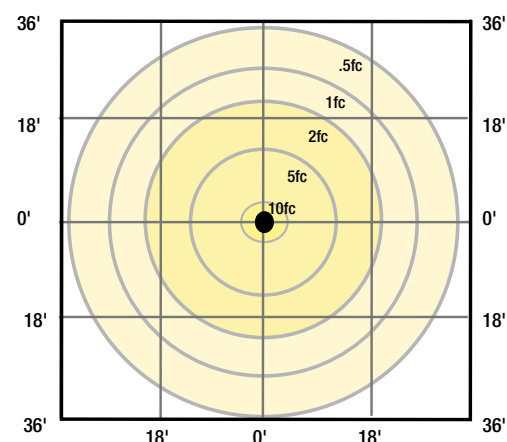


Mounting Height 12ft

Catalog Number	Equivalency		Distribution	CCT	Voltage	Mounting Height
	MH	HPS				
LSQ1-40-4K	175w	175w	V	4000K	120-277V	8-12ft

Consult ordering info and specification sheet for additional configurations.

LSQ2



Mounting Height 18ft

Catalog Number	Equivalency		Distribution	CCT	Voltage	Mounting Height
	MH	HPS				
LSQ2-70-4K	250w	250w	V	4000K	120-277V	18-24ft

Consult ordering info and specification sheet for additional configurations.

ORDERING INFORMATION

FAMILY	CCT/CRI	VOLTAGE	COLOR/FINISH	CONTROL OPTIONS	OPTIONS
LSQ1-25 Size 1, 25w / 3,000lm	3K7 3000K, 70CRI	UNV 120V-277V	BLT Black Matte Textured	PCU Button Photocontrol (120-277V)	E ^{1,4} Battery Backup Unit (0°C)
LSQ1-40 Size 1, 40w / 4,500lm	4K7 4000K, 70CRI	120 120V	BLS Black Gloss Smooth	SCO ² Sensor Control (On/Off)	EH ^{1,4} Battery Backup Unit (-30°C)
LSQ2-55 Size 2, 55w / 7,000lm	5K7 5000K, 70CRI	208 208V	DBT Dark Bronze Matte Textured	SCP ^{2,5} Sensor Control, Programmable (Dim)	F ⁶ Fusing (voltage specific)
LSQ2-70 Size 2, 75w / 9,000lm		240 240V 277 277V UHV 347/480	DBS Dark Bronze Gloss Smooth		2DR ¹ Dual Drivers
			GTT Graphite Matte Textured		2PF ^{1,6} Dual Power Feed
			LGS Light Grey Gloss Smooth		SPC Polycarbonate Vandal Shield
			PSS Platinum Silver Smooth		
			WHT White Matte Textured		
			WHS White Gloss Smooth		
			VGT Verde Green Textured		
			CC Custom Color		

¹ Available in SCL2-55 and SCL2-70 only
² Available in 120V-277V only
³ Available in 120V, 277V or 347V only
⁴ Available in 120V or 277V only
⁵ Must order minimum of one remote control (SCP-REMOTE) to program dimming settings. 0-10V fully adjustable dimming with automatic daylight calibration and different tier delay settings (120-277V only)
⁶ Comes with Dual Driver (2DR) option

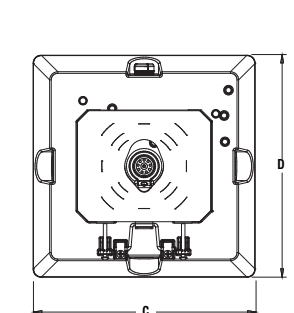
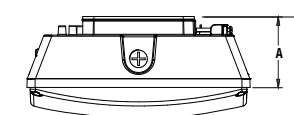
ACCESSORIES

SCP-REMOTE Remote control for SCP option. Order a minimum of one per project to program and control fixtures

SCP-PC Polycarbonate Vandal Shield

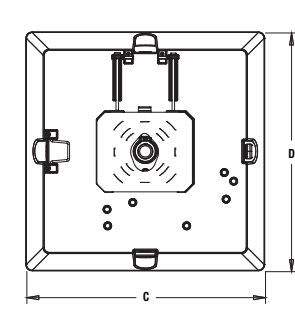
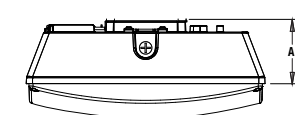
DIMENSIONS

LSQ1



A	B	C	D	E	Weight
3.0"	4.0"	10.0"	10.0"	13.5"	10 lbs.
76.2 mm	101.6 mm	254 mm	254 mm	343 mm	4.5 kg

LSQ2



A	B	C	D	E	Weight
4.0"	6.0"	14.8"	14.8"	21.9"	15.5 lbs.
101.6 mm	152.4 mm	375 mm	375 mm	556 mm	7.0 kg

FINISH OPTIONS

