

---

TYPE

---

CATALOG #

---

PROJECT

---

NOTES

---



## LED SURFACE-MOUNTED LUMINAIRE

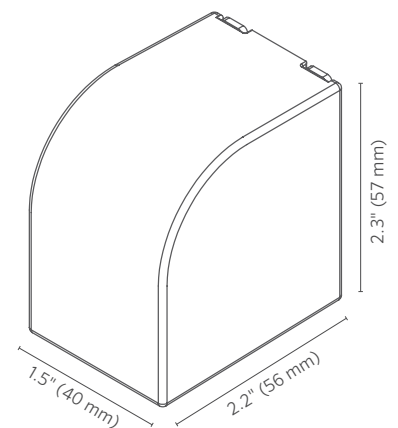
---

### *SQuad-4a*

At 1.5" (38 mm) wide, this compact 1 LED down luminaire is ideal for mounting on decks, fences, and narrow surfaces.

#### Quick Facts

- Die-cast aluminum
- Two-layer, marine-grade anodization and powder-coat finish
- Cree® integrated LED
- Tamper-resistant features
- Compatible with Luxor® Technology
- Phase and Luxor dimmable
- Input voltage: 10 to 15 Vac/Vdc



# SQuad-4a SPECIFICATIONS

Output	1 LED
Total Lumens <sup>†</sup>	53
Input Voltage	10 to 15 V
Input Power	2.0 W
Power Consumption (VA)	2.4 W
Efficacy (lm/W)	27
Color Rendering Index (CRI)	80+
Center Beam Candlepower*	
Spot (20°)	51
Dimming	
Primary Dimming (Transformer)	Consult transformer specifications
Secondary Dimming (Fixture)	Phase-cut**
RGBW Available	No
Luxor Compatibility	
Default	Zoning
ZD Option	Zoning/Dimming
Minimum Rated Life L90 B10 (Hrs)	55,000

<sup>†</sup> Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).

\* Information not available for Flood or Wide Flood.

\*\* For optimal performance, use a trailing-edge (reverse phase-cut) dimmer.

## Lumascap

Lumascap transforms spaces with precision-engineered lighting solutions, proven to perform. Since 1991, customers have relied on us as a leading manufacturer of high-quality, innovative luminaires that solve their toughest lighting challenges. Our global experts combine sophisticated design, advanced technologies, quality materials, and rigorous testing to manufacture a comprehensive range of lighting systems that consistently exceed performance expectations. Lumascap is a member of the Hunter Industries Family of Companies. Learn more at [lumascap.com](http://lumascap.com).

## Materials

Die-cast A380 aluminum body with stainless steel setscrew, mounting bracket, and fasteners.

## Socket

Socket contains MoistureBlock™ Technology, preventing moisture from wicking up into sealed areas of the fixture.

## Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 10' (3 m) length

## Power

Input 10 to 15 Vac/Vdc, 50/60 Hz. Remote transformer required (specify separately).

## Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coating for maximum reliability and corrosion resistance. Proprietary onboard intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradable and replaceable, the LEDs are rated to 55,000 hrs. Maximum drive current: 1 A.

## Hardware

Stainless steel mounting plate and two screws included.

## Housing

Die-cast A380 aluminum body with capacity for 1 LED integrated LED board.

## Lens

Polycarbonate clear lens with shock resistance and high tolerance for thermal expansion and stress.

## Optics

Polycarbonate color temperature adjustment lens included with fixture: 2,700K (preinstalled) and 3,900K (no lens). Interchangeable optics for 10°, 20°, 30°, or 60° (preinstalled) distributions available. Color temperature and beam angle lenses field serviceable.

## Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

## Control

ZD utilizes Luxor Technology to zone fixtures in up to 250 groups and dim each group in 1% increments between 0 and 100%. Select the ZD option for zoning/dimming. Standard fixture is zoneable with Luxor Controller.

## Finish

Two-layer protection of sulfuric acid anodization and polyester TGIC powder-coat, providing superior outdoor weathering in all conditions. Tested to ASTM standards.

## Weight

0.4 lbs (0.2 kg)

## Installation Requirements

Designed for installation in the downward direction only.

## Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

## International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-4 by selecting the "e" option in the parts builder.

## Dark-Sky Compliance

Select a light source of 3,000K or lower to meet International Dark-Sky Association criteria.

## Manufacturing

ISO 9001:2015 certified facility










## Warranty

5-year limited warranty

## Listings



# sQuad-4a SPECIFICATIONS

Luminaire	Luxor Option	Output	Color Temp	Compliance	Finish	
sQAD-4a	■ [default] Zone	■ 1LED 53 lm	■ K27 2,700K	■ [default] UL Listed	■ BL Black	
	■ ZD Zone/Dim			■ e CE Certified	■ SL Anodic Silver	
					■ LT Latte	
					■ AG Anthracite Gray	
					■ WT White	
					■ DA Dark Aluminum	
					■ BT Basalt Gray	
					■ DB Dark Bronze	
					■ CC Custom RAL	

EXAMPLE LUMINAIRE CONFIGURATION: sQAD-4a-ZD-1LED-K27-SL<sup>†</sup>

sQAD-4a - [ ] - 1LED - K27 - [ ] - [ ]

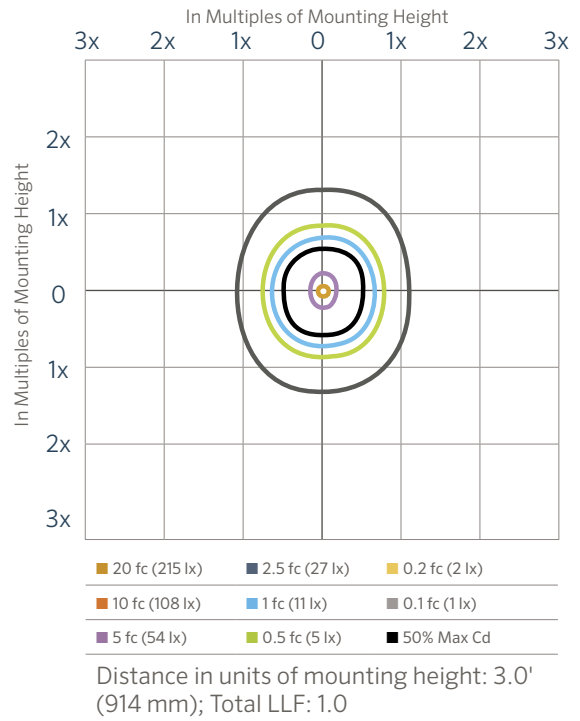
<sup>†</sup> Hyphens are for readability purposes only.

# sQuad-4a PHOTOMETRICS

sQuad-4a 1 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 59.0°	Horizontal 54.8°
1.0' (0.3 m)	50.6 fc (545 lx)	1.1' (0.3 m)	1.0' (0.3 m)
2.0' (0.6 m)	12.6 fc (135 lx)	2.3' (0.7 m)	2.1' (0.6 m)
3.0' (0.9 m)	5.6 fc (60 lx)	3.4' (1.0 m)	3.1' (1.0 m)
4.0' (1.2 m)	3.2 fc (35 lx)	4.5' (1.4 m)	4.1' (1.3 m)
5.0' (1.5 m)	2.0 fc (22 lx)	5.7' (1.7 m)	5.2' (1.6 m)
6.0' (1.8 m)	1.4 fc (15 lx)	6.8' (2.1 m)	6.2' (1.9 m)

sQuad-4a 1 LED Isofootcandle Plot



Cree is a registered trademark of Cree Inc. MoistureBlock is a trademark of DSM&T Co. Inc.

© 2021 Hunter Industries™. Hunter, Lumascope, all related logos, and all other trademarks are property of Hunter Industries, registered in the U.S. and other countries.