



 TYPE

 CATALOG #

 PROJECT

 NOTES

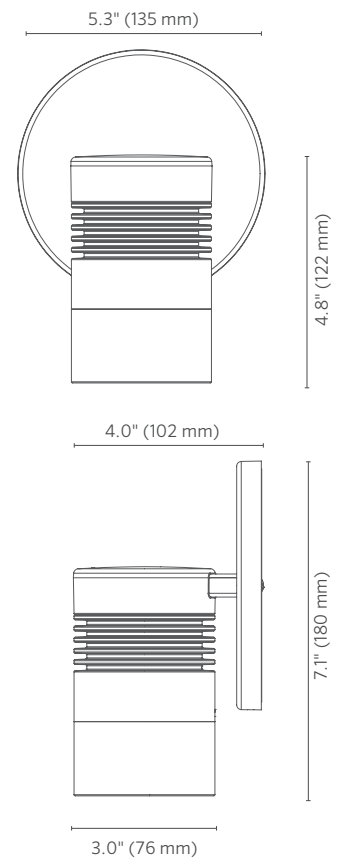
LED SURFACE-MOUNTED LUMINAIRE

sDelta-8

This surface-mounted luminaire is available with 3, 6, or 9 LED. Its simple cylindrical drum design complements classic and contemporary applications.

Quick Facts

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



sDelta-8 SPECIFICATIONS

Output	3 LED	6 LED	9 LED	ZDC
Total Lumens [†]	202	367	398	174
Input Voltage	10 to 15 V	10 to 15 V	10 to 15 V	11 to 15 V
Input Power	4.2 W	10.1 W	11.2 W	9.1 W
Power Consumption (VA)	4.5 W	13.5 W	13.5 W	11.0 W
Efficacy (lm/W)	52	44	47	33
Color Rendering Index (CRI)	80	80	79	82
Center Beam Candlepower*				
Spot (20°)	975	2,022	2,276	198
Dimming				
Primary Dimming (Transformer)	Consult transformer specifications			
Secondary Dimming (Fixture)	Phase-cut**	Phase-cut**	Phase-cut**	Luxor
RGBW Available	No	No	No	Yes
Luxor Compatibility				
Default	Zoning	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	--	Zoning/Dimming/Color
Minimum Rated Life L90 B10 (Hrs)	55,000	55,000	55,000	55,000

[†] 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.

Materials

Die-cast A380 aluminum body with stainless steel setscrews, mounting brackets, and fasteners.

Socket

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

Shroud

Die-cast A380 aluminum shroud with C110 copper cover option.

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.

Housing

Die-cast A380 aluminum body with capacity for 3 LED, 6 LED, 9 LED, or ZDC integrated LEDs.

Hardware

Stainless steel machine screws.

Lens

Tempered glass lens with shock resistance and high tolerance for thermal expansion and stress.

Wiring

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

Power

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

Optics

Polycarbonate color temperature adjustment lenses included with luminaire: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Interchangeable optics for 10°, 20°, 40°, or 60° distributions ordered preassembled to luminaire. Color temperature and beam angle lenses field serviceable. For additional color filters, spread lenses, hex baffles, and so on, use MR-16 sized accessories (MR-16: 1.95" (49.5 mm) dia. x 1.1 mm thickness). Beam angle is calculated using the LM-79 method for SSL luminaires.

Ambient Operating Temperature
0°F to 140°F (-18°C to 60°C)

Control

ZDLink utilizes Luxor technology to zone light 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 **ZDLink**.

Finish

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

Weight

2.1 lbs (1.0 kg)

Installation Requirements

Designed for installation in the downward lighting 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.

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



sDelta-8 ORDERING INFORMATION


Luminaire	Luxor Option	Output	Color Temp	Optics	Finish	
sDLT-8	■ [default] Zone	■ 3LED 202 lm	■ K27 2,700K	■ SP 20°	■ BL Black	
	■ ZD Zone/Dim	■ 6LED 367 lm		■ FL 40°	■ SL Anodic Silver	
		■ 9LED 397 lm		■ WF 60°	■ LT Latte	
	■ ZDC Zone/Dim/Color	■ [default ZDC] 174 lm	■ [default ZDC] RGBW	■ [default ZDC] 40°	■ AG Anthracite Gray	
					■ WT White	
					■ DA Dark Aluminum	
					■ BT Basalt Gray	
					■ DB Dark Bronze	
					■ CC Custom RAL	

EXAMPLE LUMINAIRE CONFIGURATION: sDLT-8-ZD-6LED-K27-FL-SL[†]

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[†] Hyphens are for readability purposes only.

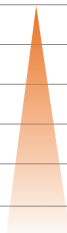
LENS ACCESSORIES: Specify Separately

Item	Code	
■ HEX BAFFLE MR-16 Size	250015260000	
■ LINEAR SPREAD LENS MR-16 Size	250013550000	
■ SOLITE SPREAD LENS MR-16 Size	250015240000	

sDelta-8 PHOTOMETRICS


sDelta-8 3 LED 20° SP Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	Vertical 18.9°
1.7' (0.5 m)	451 fc (4,854 lx)	0.6' (0.2 m)
3.3' (1.0 m)	120 fc (1,292 lx)	1.1' (0.3 m)
5.0' (1.5 m)	52 fc (560 lx)	1.7' (0.5 m)
6.7' (2.0 m)	29 fc (312 lx)	2.2' (0.7 m)
8.3' (2.5 m)	19 fc (205 lx)	2.8' (0.9 m)
10.0' (3.0 m)	13 fc (140 lx)	3.3' (1.0 m)




sDelta-8 6 LED 20° SP Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	Vertical 18.0°
1.7' (0.5 m)	749 fc (8,062 lx)	0.5' (0.2 m)
3.3' (1.0 m)	199 fc (2,142 lx)	1.0' (0.3 m)
5.0' (1.5 m)	87 fc (937 lx)	1.6' (0.5 m)
6.7' (2.0 m)	48 fc (517 lx)	2.1' (0.6 m)
8.3' (2.5 m)	31 fc (334 lx)	2.6' (0.8 m)
10.0' (3.0 m)	22 fc (237 lx)	3.2' (1.0 m)



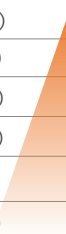
sDelta-8 9 LED 20° SP Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	Vertical 16.8°
1.7' (0.5 m)	1,170 fc (12,594 lx)	0.6' (0.2 m)
3.3' (1.0 m)	310 fc (3,337 lx)	1.0' (0.3 m)
5.0' (1.5 m)	135 fc (1,453 lx)	1.5' (0.5 m)
6.7' (2.0 m)	75 fc (807 lx)	2.0' (0.6 m)
8.3' (2.5 m)	49 fc (527 lx)	2.5' (0.8 m)
10.0' (3.0 m)	34 fc (366 lx)	3.0' (0.9 m)



sDelta-8 ZDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	Vertical 47.5°
1.7' (0.5 m)	69 fc (743 lx)	1.5' (0.5 m)
3.3' (1.0 m)	18 fc (194 lx)	2.9' (0.9 m)
5.0' (1.5 m)	8.0 fc (86 lx)	4.4' (1.3 m)
6.7' (2.0 m)	4.4 fc (47 lx)	5.9' (1.8 m)
8.3' (2.5 m)	2.9 fc (31 lx)	7.3' (2.2 m)
10.0' (3.0 m)	2.0 fc (21 lx)	8.8' (2.7 m)



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