











Project Name	
Type	
Part Number	
Quantity	
Notes	

## Product Overview

Wall-mounted, geometric square down light or up/down sconce. Available in aluminum or brass construction. RGBW option available for use with ZDCLink® systems.

## Features

Total Lumens	173-1,714 lm
Power Consumption	4.4 W   4.5 W   9.3 W   11.0 W   12.2 W
Input Voltage	White: 10-15 Vac/dc, 50/60 Hz   RGBW: 11-15 Vac/dc, 50/60 Hz
Installation Requirements	Surface mounted installations
Typical Lifetime	White: 72,000 hrs   RGBW: 55,000 hrs
Weight	3.9 lb (1.8 kg)
Compliance	      
Color Options	

## Technology



## Technical Information

	3LED	3LEDT	6LED	9LED	ZD	ZDC
<b>Performance (Down Only)*</b>						
Lumen Output (lm)	332	173	641	864	864	-
Power Consumption (VA)	4.4 W	4.5 W	9.3 W	12.2 W	12.2 W	11.0 W
Efficacy (lm/W)	52	47	44	79	79	-
Color Rendering Index (CRI)	80+	-	80+	80+	80+	-
Peak Intensity (cd)	350	630	614	923	923	-
<b>Performance (Up/Down)*</b>						
Lumen Output (lm)	556	-	1,100	1,714	1,714	-
Power Consumption (VA)	8.8 W	-	18.6 W	24.4 W	24.4 W	22.0 W
Efficacy (lm/W)	73	-	73	78	78	-
Color Rendering Index (CRI)	80+	-	80+	80+	80+	-
Peak Intensity (cd)	315	-	606	940	940	-
<b>Control</b>						
Luxor® Compatibility						
Powerline Zoning	Yes	Yes	Yes	Yes	Yes	Yes
Dimming	-	Yes	-	-	Yes	Yes
RGBW	-	-	-	-	-	Yes

\* Measured using the 2,700K CCT option with a Flood (60°) beam angle. See .ies files for additional photometry data.

## Written Specifications

### Electrical

Power Consumption	Specified power consumption indicates the full apparent power.
Input Voltage	White: 10-15 Vac/dc, 50/60 Hz RGBW: 11-15 Vac/dc, 50/60 Hz
Configuration	Integral driver
LED	White: 10-15 Vac/dc, 50/60 Hz RGBW: 11-15 Vac/dc, 50/60 Hz
Thermal Management	CoolDrive™ onboard thermal monitoring and control.
Lifetime	White: >72,000 hours (B10, L70, TM21 Reported) RGBW: >55,000 hours (B10, L70, TM21 Reported)
Dimming	Luxor® control or a trailing-edge (reverse phase-cut) dimmer.

### Control

Luxor® Control	The ZDClick Controller utilizes Luxor Technology™ to zone luminaires in up to 250 groups, dim each group in 1% increments between 0% and 100%, or change to one of 30,000+ colors with RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard luminaire is zoneable with ZDClick.
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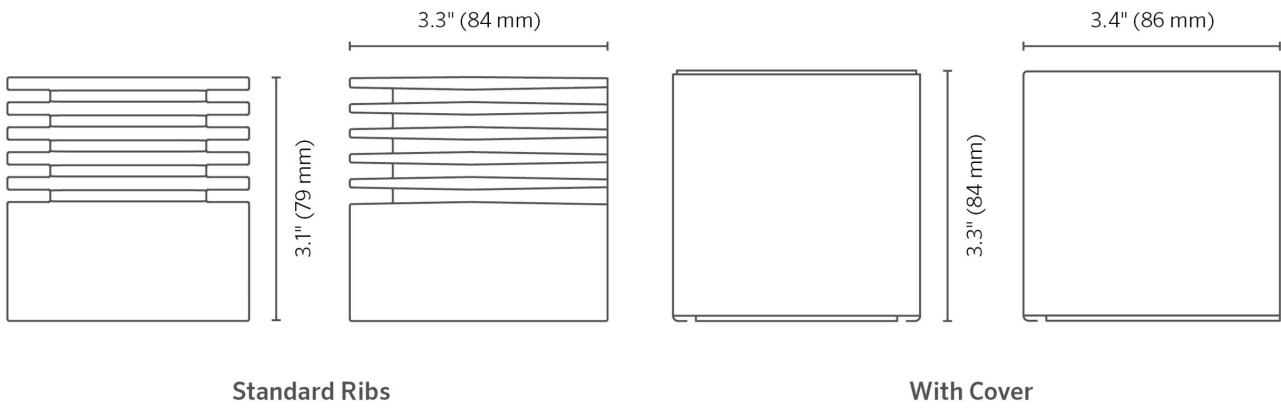
### Physical

Construction	Die-cast C360 brass or A380 aluminum housing and shroud with stainless steel setscrews, mounting brackets, and fasteners.
Finish	Options of natural metal finish, antiqued finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect, or two-layer protection of sulfuric acid anodization and polyester TGIC powder-coat finish, providing superior outdoor weathering in all conditions. Tested to ASTM standards. Antique finishes sealed with a clear TGIC powder-coat layer.
Beam Angles	White: Specify Spot (20°), Flood (35°), or Wide Flood (60°). For Narrow Spot (10°), specify any beam angle and remove beam angle lens on site. Beam angle is field serviceable. RGBW: Beam angle is fixed
Installation	Designed for installation in the downward lighting direction ("DN" style) or upward and downward lighting direction ("UD" style) only.
Installation Accessories (Included)	Item ships with a stainless steel mounting bracket.
Adjustability	Fixed position
Wiring	18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 10' (3 m) length, measured from the light aperture. International ("e") length is shorter.
Socket	MicroAntileach™ Technology to prevent moisture from wicking up into sealed areas of the luminaire.
Ambient Operating Temperature	0°F to 140°F (-18°C to 60°C)
Lens	OptiClear™ tempered glass for exceptional optical purity and load strength.
Lens Transparency	White: Clear RGBW: Frosted

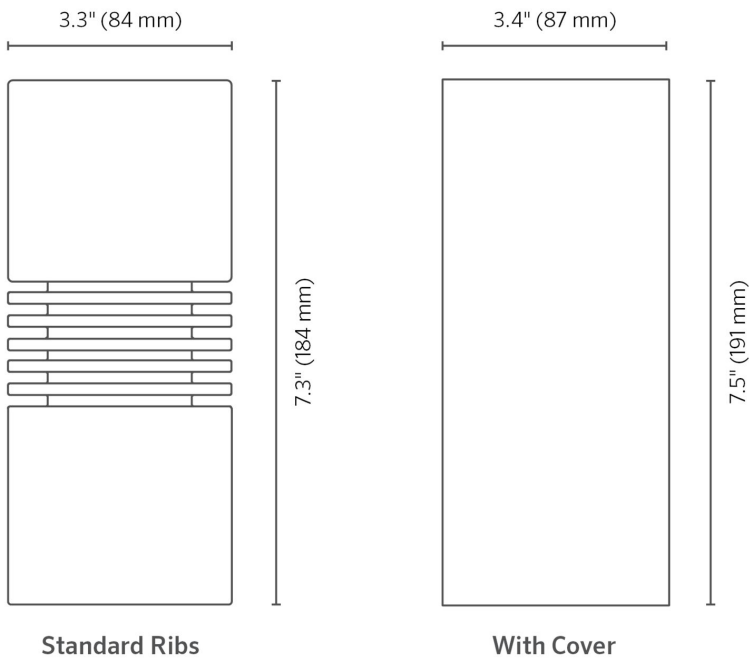
Glare Control	Full cutoff shield
Hardware	Tamper-resistant stainless steel hardware.
Housing Capacity	Round, 3LED, 6LED, 9LED, or ZDC-L
Weight	3.9 lb (1.8 kg)
<b>Compliance</b>	
IP Rating	IP66/67
Environment	Dry, Damp, Wet locations
Dark-Sky Compliance	Select a light source of 3,000K or lower to meet International Dark-Sky Association criteria.
Wildlife-Friendly Lighting	The 3LEDT option is Wildlife Lighting Certified by the Florida Fish and Wildlife Conservation Commission.
Certifications	UL 1838, CSA C22.2 No. 250.7, IEC 60598-1, IEC 605598-2-4, FCC Part 15, Subpart B, ISED Canada ICES-005, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3.  Default configuration UL Listed. CE certification is met when the “e” option is selected.
<b>Overview</b>	
About Us	Lumascapе 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. Lumascapе is a member of the Hunter Industries Family of Companies. Learn more at <a href="https://lumascapе.com">lumascapе.com</a> .
Manufacturing	ISO 9001:2015 certified facility.
Warranty	5-year limited warranty.

## Specifications

### Downward Direction



### Up and Down Direction



Photometrics 3LED DN

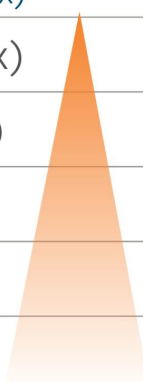
sQuad-8 3 LED Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical 52.7°	Horizontal 52.6°
4.0' (1.2 m)	22 fc (231 lx)	4.0' (1.2 m)	4.0' (1.2 m)
8.0' (2.4 m)	5.4 fc (58 lx)	7.9' (2.4 m)	7.9' (2.4 m)
12.0' (3.7 m)	2.4 fc (26 lx)	11.9' (3.6 m)	11.9' (3.6 m)
16.0' (4.9 m)	1.3 fc (14 lx)	15.8' (4.8 m)	15.8' (4.8 m)
20.0' (6.1 m)	0.9 fc (9 lx)	19.8' (6.0 m)	19.8' (6.0 m)
24.0' (7.3 m)	0.6 fc (6 lx)	23.8' (7.3 m)	23.7' (7.2 m)

Photometrics 3LEDT DN

sQuad-8 3 LEDT Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 21.5°	Horizontal 21.5°
2.0' (0.6 m)	157 fc (1,690 lx)	0.8' (0.2 m)	0.8' (0.2 m)
4.0' (1.2 m)	39 fc (424 lx)	1.5' (0.5 m)	1.5' (0.5 m)
6.0' (1.8 m)	18 fc (188 lx)	2.0' (0.7 m)	2.0' (0.7 m)
8.0' (2.4 m)	10 fc (106 lx)	3.0' (0.8 m)	3.0' (0.8 m)
10.0' (3.1 m)	6 fc (68 lx)	4.0' (1.2 m)	4.0' (1.2 m)



Photometrics 6LED DN

sQuad-8 6 LED Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical 59.1°	Horizontal 48.2°
4.0' (1.2 m)	29 fc (314 lx)	4.5' (1.4 m)	3.6' (1.1 m)
8.0' (2.4 m)	7.3 fc (79 lx)	9.1' (2.8 m)	7.2' (2.2 m)
12.0' (3.7 m)	3.2 fc (35 lx)	13.6' (4.1 m)	10.7' (3.3 m)
16.0' (4.9 m)	1.8 fc (20 lx)	18.1' (5.5 m)	14.3' (4.4 m)
20.0' (6.1 m)	1.2 fc (13 lx)	22.7' (6.9 m)	17.9' (5.5 m)
24.0' (7.3 m)	0.8 fc (9 lx)	27.2' (8.3 m)	21.5' (6.6 m)

Photometrics 9LED DN

sQuad-8 9 LED Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical 52.8°	Horizontal 51.2°
4.0' (1.2 m)	57 fc (618 lx)	4.0' (1.2 m)	3.6' (1.1 m)
8.0' (2.4 m)	14 fc (155 lx)	7.9' (2.4 m)	7.7' (2.3 m)
12.0' (3.7 m)	6.4 fc (69 lx)	11.9' (3.6 m)	11.5' (3.5 m)
16.0' (4.9 m)	3.6 fc (39 lx)	15.9' (4.8 m)	15.3' (4.7 m)
20.0' (6.1 m)	2.3 fc (25 lx)	19.8' (6.0 m)	19.2' (5.9 m)
24.0' (7.3 m)	1.6 fc (17 lx)	23.8' (7.3 m)	23.0' (7.0 m)

## Configuration

For complete and up-to-date product options, configure the sQAD8 using our online [product configurator](#).

sQAD8							
Code	Material	Control	Output	Light Source	Beam Angles	Compliance	Direction
Cover	Finish						

### Material

- Brass**  
Available in BS, AB or AT finishes only.
- Aluminum (A)**  
Available in powder-coated finishes only.


### Control

- Standard (-)**  
1) On/Off, 2) Phase-cut Dimming, or 3) Zone with Luxor® Technology using the ZDClick Lighting Controller.
- Zone/Dim (ZD)**  
Zone/Dim with Luxor® Technology using the ZDClick Lighting Controller.
- Zone/Dim/Color (ZDC)**  
Zone/Dim/Color with Luxor® Technology using the ZDClick Lighting Controller.

### Output

- 4.4 W (3LED)**  
332 lm per direction
- 4.5 W**  
173 lm, Wildlife-friendly, for ZD control
- 9.3 W (6LED)**  
641 lm per direction
- 12.2 W (9LED)**  
864 lm per direction
- 12.2 W**  
864 lm per direction, for ZD control
- 11.0 W**  
For ZDC control

### Light Source

- Static White (K27)**  
2,700 K (80+ CRI) 
- RGBW**  
For ZDC control 
- Wildlife-Friendly (T)**  
Amber (585 to 595 nm) 



### Beam Angles

Published angles may vary slightly to photometric data. Please refer to IES files where relevant.

- Spot (SP)**  
20° beam angle
- Flood (FL)**  
30° beam angle
- Flood**  
45° beam angle, for ZDC control
- Wide Flood (WF)**  
60° beam angle

### Compliance

- North America**  
UL listed
- International (E)**  
UL listed and CE approved. Required for shipment outside of North America.

### Direction

- Downward Only (DN)**
- Up and Down (UD)**



















### Cover

- Standard Ribs**
- Cover (CR)**



Finish

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| <input type="checkbox"/> <b>Black (BL)</b><br>RAL9004 from RAL<br>Classic collection  |    | <input type="checkbox"/> <b>Anthracite Gray (AG)</b><br>RAL7016 from RAL<br>Classic collection  |  | <input type="checkbox"/> <b>Basalt Gray (BT)</b><br>RAL7012 from RAL<br>Classic collection              |  |
| <input type="checkbox"/> <b>Graphite Gray (GH)</b><br>Graphite Gray powder-coat finish  |    | <input type="checkbox"/> <b>Anodic Silver (SL)</b><br>RAL9006 from RAL<br>Classic collection  |  | <input type="checkbox"/> <b>White (WT)</b><br>RAL9016 from RAL<br>Classic collection                    |  |
| <input type="checkbox"/> <b>Dark Bronze (DB)</b><br>RAL8019 from RAL<br>Classic collection  |    | <input type="checkbox"/> <b>Latte (LT)</b><br>RAL7006 from RAL<br>Classic collection  |  | <input type="checkbox"/> <b>Dark Aluminium (DA)</b><br>RAL9007 from RAL<br>Classic collection           |  |
| <input type="checkbox"/> <b>Natural Copper (CU)</b><br>Requires the selection of cover option.  |    | <input type="checkbox"/> <b>Antique Tumbled on Copper (CUAT)</b><br>Requires selection of cover option.   |  | <input type="checkbox"/> <b>Natural Brass (BS)</b>  |  |
| <input type="checkbox"/> <b>Antique Bronze (BSAB)</b><br>Natural brass material with brushed antique effect. Finish sealed with a clear TGIC powder-coat finish layer.                                |    | <input type="checkbox"/> <b>Antique Tumbled (BSAT)</b><br>Natural brass material with tumbled antique effect. Finish sealed with a clear TGIC powder-coat finish layer. |  | <input type="checkbox"/> <b>Bronze Metallic on Copper (CUAB)</b><br>Requires selection of cover option. |  |
| <input type="checkbox"/> <b>Custom RAL (CC)</b><br>A one-off custom color setup fee applies. Click on 'More Info' button to add to your enquiry. Contact Lumascape for volume discount on set-up fee. |  |   |   |   |   |

## Accessories

### Mounting & Installation

Specify Separately

- Wall Plate 2-Gang (WP-2G-NL)**



### Lens Accessories

Specify Separately

- Hex Baffle (250015260000)**  
2" (50 mm) diameter (MR-16)



- Linear Spread Lens (250013550000)**  
2" (50 mm) diameter (MR-16)



- Solite Spread Lens (250015240000)**  
2" (50 mm) diameter (MR-16)



### Power Supplies

Specify Separately

- Multi-Tap Transformer (PROLINK)**  
The industry's most reliable multi-tap transformer.



- ZDCLink® Lighting Controller (ZDCLink)**  
A combined lighting controller and transformer (120 Vac to 14 Vac) that offers powerline zoning, dimming, RGBW color changing, and optional Wi-Fi control via Luxor Technology™



- Dimmable Mini Transformer (ST-120-DIM)**  
60 W, 120 V to 12 Vac step-down transformer.



- Non-Dimmable Mini Transformer (ST-UV)**  
30 W universal voltage step-down transformer.



- 6 W Plug-in Transformer (MT-6W)**  
Standard North American Type A, Class 2 transformer with 6 W capacity and 1' (300 mm) flying leads.

- 30 W Plug-in Transformer (MT-30W)**  
Standard North American Type A, Class 2 transformer with 30 W capacity and 1' (300 mm) flying leads.

### Supplemental Surge Protection

Specify Separately

- In-Line Surge Arrestor (SURGE-MOD)**



Provides two additional layers of surge protection (up to 10KW) to any 12 Vac/dc LED luminaire.

### Wire Connections

Specify Separately

- Heat Shrink Wire Connectors - Small (WCHSSM20)**



Tin-coated copper butt splices with adhesive-filled heat shrink tubes.

- Heat Shrink Wire Connectors - Medium (WCHSMD20)**



Tin-coated copper butt splices with adhesive-filled heat shrink tubes.

### Replacement Parts

Specify Separately

- Large ZDC 3LED Replacement Kit, Round, RGBW (ZDCKITL)**

- ZD 3LED Replacement Kit, Round, 2700K (KITZD3LEDRDW)**

- ZD 6LED Replacement Kit, Round, 2700K (KITZD6LEDRDW)**

- ZD 9LED Replacement Kit, Round, 2700K (KITZD9LEDRDW)**

- 3LED Replacement Kit, Round, 2700K (KIT3LEDRDW)**

- 6LED Replacement Kit, Round, 2700K (KIT6LEDRDW)**

- 9LED Replacement Kit, Round, 2700K (KIT9LEDRDW)**

### Custom Color

A one-off setup fee applies for each custom color per order. Add to your enquiry.

- Custom Color Setup Fee: Essential Series (Custom RAL Color Setup)**



Custom RAL colour setup fee

# Give every landscape the light it deserves



When it comes to lighting design, why should architecture have all the fun? We've added more than 50 new landscape luminaires, offering unmatched performance, simple installation, and compatibility with state-of-the-art Luxor® Technology. Discover endless new possibilities to bring your next landscape lighting project to life at [lumascap.com](http://lumascap.com).



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