Project Name	
Type	
Part Number	
Quantity	
Notes	

Product Overview

The rStep-8 is a versatile recessed wall-mount luminaire and is available with four style options to maximize design flexibility in a range of applications. A zoning/dimming version is also available for use with ZDClink® Controllers.

Features

Total Lumens	86 lm
Power Consumption	2.2 W | 4.4 W | 7.2 W
Input Voltage	White: 10-15 Vac/dc, 50/60 Hz | ZDC: 11-15 Vac/dc, 50/60 Hz
Installation Requirements	Recessed Installation Only
Typical Lifetime	White: 72,000 hrs | RGBW: 55,000 hrs
Weight	1.0 lb (0.5 kg)
Compliance	UL CERTIFIED UL-NOM RoHS COMPLIANT
Color Options	

Technology

cooldrive™	humantouch™	microantileach™

Technical Information

	1LED	3LED	ZD	ZDC
Performance*				
Lumen Output (lm)	36	86	86	-
Power Consumption (VA)	2.2 W	4.4 W	4.4 W	7.2 W
Efficacy (lm/W)	18	22	22	-
Color Rendering Index (CRI)	80+	80+	80+	-
Peak Intensity (cd)	21	49	49	-
Control				
Luxor® Compatibility				
Powerline Zoning	Yes	Yes	Yes	Yes
Dimming	-	-	Yes	Yes
RGBW	-	-	-	Yes

* Measured using the 2,700K CCT option. 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
	Remote transformer required (specify separately).
Configuration	Integral driver.
LED	White: Lumileds®
	RGBW: Cree®
Thermal Management	CoolDrive™ onboard thermal monitoring and control.
Lifetime	White: >72,000 hours (L70, B10, TM21 Reported)
	RGBW: >55,000 hours (L70, B10, TM21 Reported)
Dimming	Luxor® control or a trailing-edge (reverse phase-cut) dimmer.

Control

Luxor® Control	The ZDClink 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 ZDClink.

Physical

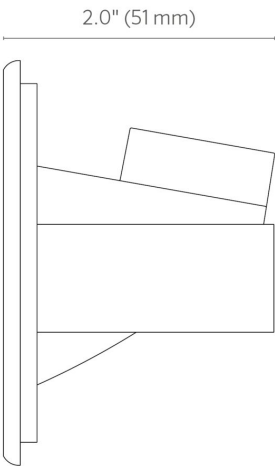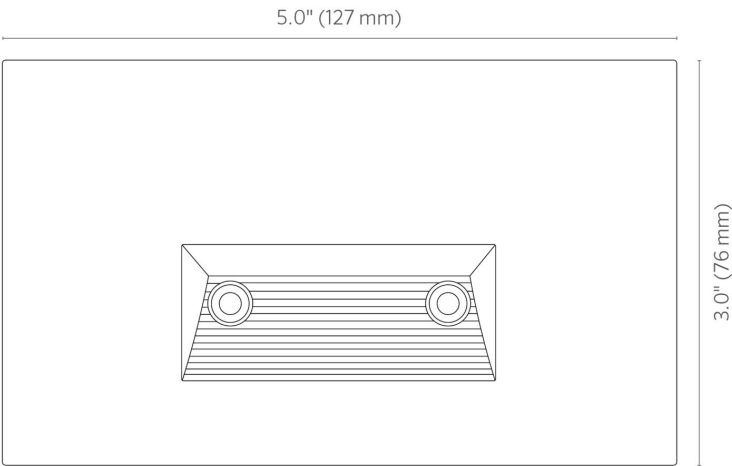|	
Construction	Die-cast A380 aluminum body with stainless steel setscrew, mounting bracket, and fasteners.
Finish	Two-layer protection of marine-grade anodization and polyester TGIC powder-coat finish, providing superior outdoor weathering in all conditions. Tested to ASTM standards.
Installation	Designed for recessed installation in a vertical surface. Included mounting bracket fits most single-gang junction boxes (North America) in the horizontal orientation.
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.
Ambient Operating Temperature	0°F to 140°F (-18°C to 60°C).
Lens	Polycarbonate lens with shock resistance and high tolerance for thermal expansion and stress.
Lens Transparency	Frosted.
Glare Control	Recessed aperture.
Housing Capacity	Round 1LED, 3LED, or ZDC-M

Compliance

IP Rating	IP66/67
Environment	Dry, Damp, Wet locations
BUG Rating	1LED: B0-U1-G0

	2LED: B0-U2-G1
IES Classification	Type IV
Certification	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.

Overview

About Us	Lumascape 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. Lumascape is a member of the Hunter Industries Family of Companies. Learn more at lumascape.com.
Manufacturing	ISO 9001:2015 certified facility.
Warranty	5-year limited warranty.

LUMASCAPE

Specifications

Dimensions rSTP8

5.0" (127 mm)

3.0" (76 mm)

2.0" (51 mm)

Configuration

For complete and up-to-date product options, configure the rSTP8 using our online **product configurator**.

rSTP8					
Code	Control	Output	Light Source	Style	Finish

Control

☐ **Standard (-)**
1) On/Off, 2) Phase-cut Dimming, or 3) Zone with Luxor® Technology using the ZDClink Lighting Controller.

☐ **Zone/Dim (ZD)**
Zone/Dim with Luxor® Technology using the ZDClink Lighting Controller.

☐ **Zone/Dim/Color (ZDC)**
Zone/Dim/Color with Luxor® Technology using the ZDClink Lighting Controller.

Output

☐ **2.2 W (1LED)**
48 lm

☐ **4.4 W (3LED)**
86 lm

☐ **4.4 W**
86 lm, for ZD control

☐ **7.2 W**
For ZDC control

Light Source

☐ **Static White (K27)**
2,700 K (80+ CRI)

☐ **RGBW**
For ZDC control

Style

☐ **Recessed Baffle (RB)**

Finish

Black (BL)
RAL9004 from RAL Classic collection

Anthracite Gray (AG)
RAL7016 from RAL Classic collection

Basalt Gray (BT)
RAL7012 from RAL Classic collection

Graphite Gray (GH)
Graphite Gray powder-coat finish

Anodic Silver (SL)
RAL9006 from RAL Classic collection

White (WT)
RAL9016 from RAL Classic collection

Dark Bronze (DB)
RAL8019 from RAL Classic collection

Latte (LT)
RAL7006 from RAL Classic collection

Dark Aluminium (DA)
RAL9007 from RAL Classic collection

Custom RAL (CC)
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

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.

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 lumascape.com.

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