








Project Name	
Type	
Part Number	
Quantity	
Notes	

Product Overview

The rFin is a stylish recessed wall luminaire available in 1 or 2 LED.

Features

Total Lumens	43-81 lm
Power Consumption	2.2 W   4.4 W
Input Voltage	White: 10-15 Vac/dc, 50/60 Hz
Installation Requirements	Recessed Installations Only
Typical Lifetime	White: 72,000 hrs
BUG Rating	B0-U1-G0
Weight	3.6 lb (1.6 kg)
Compliance	     
Color Options	

Technology







## Written Specifications

### Electrical

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

### Control

Luxor® Control	The ZDLink 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 ZDLink.
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### Physical

Construction	Die-cast C360 brass faceplate, A380 aluminum housing, PBT construction box/sleeve, and stainless steel hardware.
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.
Installation	Designed for recessed installation in a vertical wall in the down lighting position only.
Installation Accessories (Included)	Item ships with pre-install kit, including a custom sleeve and debris cover. Knockouts for North American 1/2" pipe threads are accessible in both vertical and horizontal planes.
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.
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	Polycarbonate lens with shock resistance and high tolerance for thermal expansion and stress.
Lens Transparency	Frosted
Glare Control	Multiple horizontal louvers.
Hardware	Tamper-resistant stainless steel hardware.
Housing Capacity	Round 1LED
Weight	rFin-13: 2.3 lb (1.0 kg)
	rFin-23: 3.6 lb (1.6 kg)

### Compliance

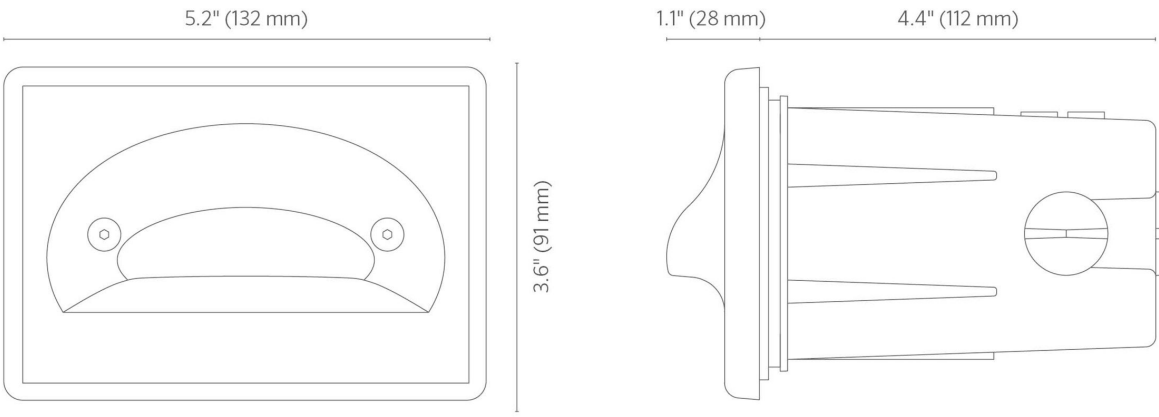
IP Rating	IP64
Environment	Dry, Damp, Wet locations
BUG Rating	B0-U1-G0
IES Classification	Type IV
Dark-Sky Compliance	Select a light source of 3,000K or lower to meet International Dark-Sky Association criteria.
Certifications	UL1838. Compliant per IEC 60598-1 and IEC 60598-2-4 when used with International Wall Kit ("EKITWALL").

**Overview**

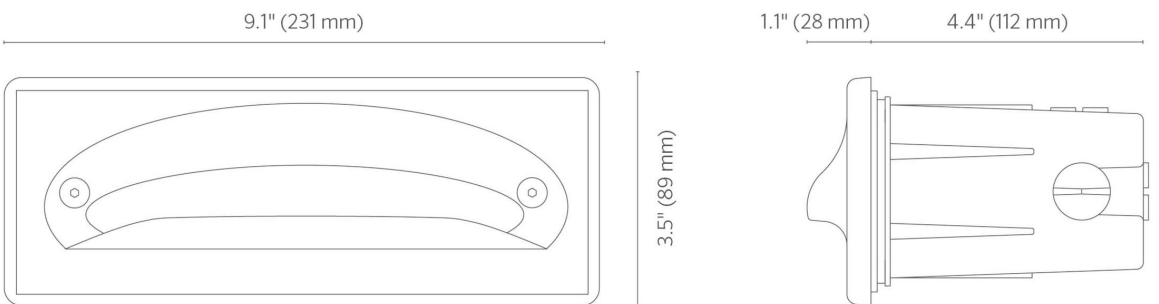
About Us	Lumascape transforms spaces with precision-engineered lighting solutions, proven to perform. Since 1991, customers have relied on us as a leading manufacturer of high-quality, innovative luminaires that solve their toughest lighting challenges. Our global experts combine sophisticated design, 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 <a href="https://lumascape.com">lumascape.com</a> .
Manufacturing	ISO 9001:2015 certified facility.
Warranty	5-year limited warranty.

Specifications

Dimensions rFIN13



Dimensions rFIN23



Photometrics rFIN13 1LED

rFin-13 1 LED Illuminance at a Distance			
Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 20°	Horizontal 60°
0.7' (0.2 m)	2.7 fc (29 lx)	0.2' (0.1 m)	2.0' (0.6 m)
1.3' (0.4 m)	0.7 fc (8 lx)	0.4' (0.1 m)	1.6' (0.5 m)
2.0' (0.6 m)	0.3 fc (3.2 lx)	0.7' (0.2 m)	2.4' (0.7 m)
2.7' (0.8 m)	0.2 fc (2.2 lx)	0.9' (0.3 m)	3.2' (1.0 m)
3.3' (1.0 m)	0.1 fc (1.1 lx)	1.1' (0.3 m)	3.9' (1.2 m)
4.0' (1.2 m)	0.1 fc (1.1 lx)	1.3' (0.4 m)	4.7' (1.4 m)

Note: Photometric data displayed using 3,900 K filter.

Photometrics rFIN23 2LED

rFin-23 2 LED Illuminance at a Distance			
Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 15°	Horizontal 50°
0.7' (0.2 m)	4.2 fc (45 lx)	0.2' (0.1 m)	0.7' (0.2 m)
1.3' (0.4 m)	1.1 fc (12 lx)	0.3' (0.1 m)	1.3' (0.4 m)
2.0' (0.6 m)	0.5 fc (5.4 lx)	0.5' (0.2 m)	2.0' (0.6 m)
2.7' (0.8 m)	0.3 fc (3.2 lx)	0.7' (0.2 m)	2.7' (0.8 m)
3.3' (1.0 m)	0.2 fc (2.2 lx)	0.9' (0.3 m)	3.3' (1.0 m)
4.0' (1.2 m)	0.1 fc (1.1 lx)	1.0' (0.3 m)	4.0' (1.2 m)

Note: Photometric data displayed using 3,900 filter with 20° spot lens. ZDC option defaults to wide flood.

# Configuration

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

rFIN

Code

Size

Control

Output

Light Source

Finish

Mounting & Installation

## Size

- ☐ **5.2" (132 mm) Wide (13)**  
5.2" (132 mm) x 3.6" (191 mm)
- 
- ☐ **9.1" (231 mm) Wide (23)**  
9.1" (231 mm) x 3.5" (189 mm)
- 


## 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.














## Output

- ☐ **2.2 W (1LED)**  
43 lm, Style -13 Only
- ☐ **2.2 W**  
43 lm, for ZD control, Style -13 only
- ☐ **4.4 W (2LED)**  
81 lm, Style -23 Only
- ☐ **4.4 W**  
81 lm, for ZD control, Style -23 only

## Light Source

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

Finish

<input type="checkbox"/> <b>Black (BL)</b> RAL9004 from RAL Classic collection		<input type="checkbox"/> <b>Anthracite Gray (AG)</b> RAL7016 from RAL Classic collection		<input type="checkbox"/> <b>Basalt Gray (BT)</b> RAL7012 from RAL Classic collection	
<input type="checkbox"/> <b>Graphite Gray (GH)</b> Graphite Gray powder-coat finish		<input type="checkbox"/> <b>Anodic Silver (SL)</b> RAL9006 from RAL Classic collection		<input type="checkbox"/> <b>White (WT)</b> RAL9016 from RAL Classic collection	
<input type="checkbox"/> <b>Dark Bronze (DB)</b> RAL8019 from RAL Classic collection		<input type="checkbox"/> <b>Latte (LT)</b> RAL7006 from RAL Classic collection		<input type="checkbox"/> <b>Dark Aluminium (DA)</b> RAL9007 from RAL Classic collection	
<input type="checkbox"/> <b>Natural Brass (BS)</b>		<input type="checkbox"/> <b>Antique Bronze (AB)</b> Natural brass material with brushed antique effect. Finish sealed with a clear TGIC powder-coat finish layer.		<input type="checkbox"/> <b>Antique Tumbled (AT)</b> Natural brass material with tumbled antique effect. Finish sealed with a clear TGIC powder-coat finish layer.	
<input type="checkbox"/> <b>Custom RAL (CC)</b> 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.					

Mounting & Installation

Included with product.

- ☐ **Pre-Installation Kit Ships with Product**  
rFin pre-installation kit includes back box with cover.

Accessories

Pre-Installation Kit

Includes Sleeve with Cover. Specify Separately

- ☐ Ship Separately  
(250022040000)
- ☐ Ship Separately  
(250022030000)

Connection Kit

Specify Separately

- ☐ Wall Light  
Connection Kit  
(EKITWALL)



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 [lumascap.com](http://lumascap.com).



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