



Round



Spot

TYPE

CATALOG #

PROJECT

NOTES



Square



Wall Wash

## LED RECESSED LUMINAIRE

### rEcho-8

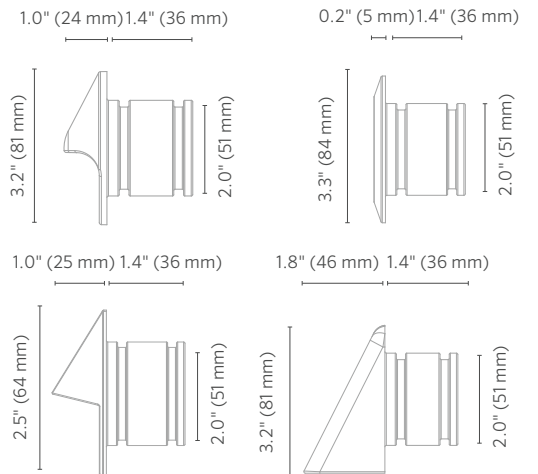
Glare-free wall luminaire also functions as an up light in 1 or 3 LED. Choice of four brass faceplate options.

An RGBW version is available for use with

ZDCLink® systems.

#### Quick Facts

- Die-cast brass
- Natural, powder-coated, or antique brass
- Cree® integrated LEDs
- Color temperature filters
- Compatible with Luxor® technology
- Phase and Luxor dimmable
- Input voltage: 10 to 15 Vac/Vdc



## rEcho-8 SPECIFICATIONS

Output	1 LED	3 LED	3 LEDT	ZDC
<b>Total Lumens<sup>†‡</sup></b>	34	84	21 to 102	61
<b>Input Voltage</b>	10 to 15 V	10 to 15 V	10 to 15 V	11 to 15 V
<b>Input Power</b>	2.0 W	4.2 W	4.2 W	6.0 W
<b>Power Consumption (VA)</b>	2.4 W	4.5 W	4.5 W	7.2 W
<b>Efficacy (lm/W)</b>	18	21	29	19
<b>Color Rendering Index (CRI)</b>	82	82	--	82
<b>Max Candela<sup>†</sup></b>	31	79	195	51
<b>Dimming</b>				
<b>Primary Dimming (Transformer)</b>	Consult transformer specifications			
<b>Secondary Dimming (Fixture)</b>	Phase-cut**	Phase-cut**	Phase-cut**	Luxor
<b>RGBW Available</b>	No	No	No	Yes
<b>Luxor Compatibility</b>				
<b>Default</b>	Zoning	Zoning	--	--
<b>ZD Option</b>	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	--
<b>ZDC Option</b>	--	--	--	Zoning/Dimming/Color
<b>Minimum Rated Life L90 B10 (Hrs)</b>	55,000	55,000	55,000	55,000
<b>BUG Rating (RD and SQ)</b>	B0-U1-G0	B0-U1-G1	B0-U1-G1	B0-U1-G0

<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).

<sup>‡</sup> Measured using the Round (RD) faceplate. Multipliers for other faceplates include: 1.0 (Square), 2.0 (Spot), and 0.4 (Wall Wash).

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

# rEcho-8 SPECIFICATIONS

## 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 C360 brass faceplate, A380 aluminum housing, ABS construction conduit sleeve.

## Socket

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

## Faceplate

Die-cast brass faceplate.

## Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coated 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 aluminum housing with capacity for 1 LED, 3 LED, or ZDC integrated LEDs.

## Hardware

Includes 12" (25 mm) ABS conduit sleeve with ½"-14 (13 mm) NPT female hole for strain relief. Strain relief specified separately.

## 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 to 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. Color temperature lenses field serviceable. 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

ZDClink 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 ZDClink.

## Finish

Options of natural brass finish, antiqued finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect, or TGIC powder-coat finish. Antique finishes sealed with a clear TGIC powder-coat layer.

## Weight

3.6 lbs (1.6 kg)

## Installation Requirements

RD and SQ: Designed for recessed installation in a vertical wall in the down lighting position only.

WW: Designed for recessed installation in a vertical wall in any orientation.

ST: Designed for recessed installation in a vertical or horizontal wall; ensure substantial drainage flow for up lighting (e.g., decking).

## 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.

## Wildlife-Friendly Lighting

When used with the 3 LEDT output option, this luminaire is Wildlife Lighting Certified by the Florida Fish and Wildlife Conservation Commission.

## Dark-Sky Compliance

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

## International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-4 when used with International Wall Kit ("EKITWALL").

## IES Classification

Type IV (RD and SQ), Type V (ST), Type II (WW)

## Manufacturing

ISO 9001:2015 certified facility













## Warranty

5-year limited warranty

## Listings



# rEcho-8 ORDERING INFORMATION





Luminaire	Luxor Option	Output	Color Temp	Faceplate	Finish	
rECH-8	■ [default] Zone	■ 1LED 60 lm	■ K27 2,700K	■ RD Round	■ BS Natural Brass 	■ WT White 
	■ ZD Zone/Dim	■ 3LED 165 lm		■ SQ Square	■ AB Antique Bronze 	■ DA Dark Aluminum 
		■ 3LEDT** Wildlife-Friendly Amber (585-595 nm)	■ ST Spot	■ AT Antique Tumbled 	■ BT Basalt Gray 	
	■ ZDC Zone/Dim/Color	■ [default] 90 lm	■ WW Wall Wash	■ BL Black 	■ DB Dark Bronze 	
				■ SL Anodic Silver 	■ CC Custom RAL 	
				■ LT Latte 		
				■ AG Anthracite Gray 		

EXAMPLE LUMINAIRE CONFIGURATION: rECH-8-ZDC-K27-RD-SL<sup>†</sup>



\*\* Available with ZD Luxor option and CU, AB, or AT finishes only.  
<sup>†</sup> Hyphens are for readability purposes only.

## ACCESSORIES: Specify Separately

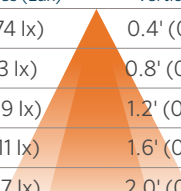
Item	Code	
■ rEcho-8 MOUNTING BRACKET 1.3" H x 3.2" W (33 mm x 81 mm)	MOBRKT	
■ STANDARD OPTICS KIT	Z*LEDOPTICKIT	
■ WALL LIGHT CONNECTION KIT 	EKITWALL	

\*Z = LED board

# rEcho-8 PHOTOMETRICS

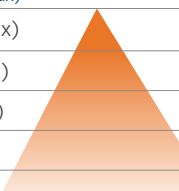
rEcho-8 1 LED Illuminance at a Distance RD/SQ

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 45°	Horizontal 75°
0.5' (0.2 m)	16 fc (174 lx)	0.4' (0.1 m)	0.7' (0.2 m)
1.0' (0.3 m)	4 fc (43 lx)	0.8' (0.2 m)	1.5' (0.5 m)
1.5' (0.5 m)	1.8 fc (19 lx)	1.2' (0.4 m)	2.2' (0.7 m)
2.0' (0.6 m)	1.0 fc (11 lx)	1.6' (0.5 m)	3.0' (0.9 m)
2.5' (0.8 m)	0.6 fc (7 lx)	2.0' (0.6 m)	4.0' (1.2 m)



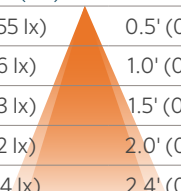
rEcho-8 1 LED Illuminance at a Distance ST

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	Vertical 90°
0.5' (0.2 m)	136 fc (1,467 lx)	1.0' (0.3 m)
1.0' (0.3 m)	34 fc (366 lx)	2.0' (0.6 m)
1.5' (0.5 m)	15 fc (162 lx)	3.0' (0.9 m)
2.0' (0.6 m)	9 fc (97 lx)	4.0' (1.2 m)
2.5' (0.8 m)	4 fc (43 lx)	5.0' (1.5 m)



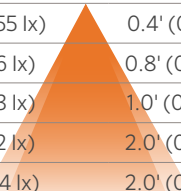
rEcho-8 1 LED Illuminance at a Distance WW

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 50°	Horizontal 60°
0.5' (0.2 m)	33 fc (355 lx)	0.5' (0.2 m)	0.7' (0.2 m)
1.0' (0.3 m)	8 fc (86 lx)	1.0' (0.3 m)	1.3' (0.4 m)
1.5' (0.5 m)	4 fc (43 lx)	1.5' (0.5 m)	2.0' (0.6 m)
2.0' (0.6 m)	2 fc (22 lx)	2.0' (0.6 m)	2.6' (0.8 m)
2.5' (0.8 m)	1.3 fc (14 lx)	2.4' (0.7 m)	3.3' (1 m)



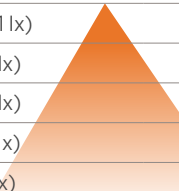
rEcho-8 3 LED Illuminance at a Distance RD/SQ

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 40°	Horizontal 60°
0.5' (0.2 m)	33 fc (355 lx)	0.4' (0.1 m)	0.6' (0.2 m)
1.0' (0.3 m)	8 fc (86 lx)	0.8' (0.2 m)	1.0' (0.3 m)
1.5' (0.5 m)	4 fc (43 lx)	1.0' (0.4 m)	2.0' (0.6 m)
2.0' (0.6 m)	2 fc (22 lx)	2.0' (0.6 m)	3.0' (0.9 m)
2.5' (0.8 m)	1.3 fc (14 lx)	2.0' (0.6 m)	3.0' (0.9 m)



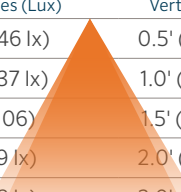
rEcho-8 3 LED Illuminance at a Distance ST

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	Vertical 85°
0.5' (0.2 m)	355 fc (3,821 lx)	1.0' (0.3 m)
1.0' (0.3 m)	89 fc (958 lx)	2.0' (0.6 m)
1.5' (0.5 m)	39 fc (424 lx)	3.0' (0.9 m)
2.0' (0.6 m)	22 fc (239 lx)	4.0' (1.2 m)
2.5' (0.8 m)	14 fc (153 lx)	5.0' (1.5 m)



rEcho-8 3 LED Illuminance at a Distance WW

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 50°	Horizontal 70°
0.5' (0.2 m)	88 fc (946 lx)	0.5' (0.2 m)	0.7' (0.2 m)
1.0' (0.3 m)	22 fc (237 lx)	1.0' (0.3 m)	1.3' (0.4 m)
1.5' (0.5 m)	10 fc (106)	1.5' (0.5 m)	2.0' (0.6 m)
2.0' (0.6 m)	6 fc (59 lx)	2.0' (0.6 m)	2.5' (0.8 m)
2.5' (0.8 m)	4 fc (38 lx)	3.0' (0.9 m)	3.0' (0.9 m)

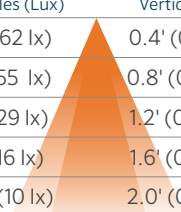


Note: Photometric data displayed using 3,900K filter.  
ZDC option defaults to wide flood.

# rEcho-8 PHOTOMETRICS

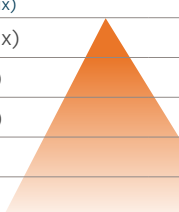
rEcho-8 ZDC Illuminance at a Distance RD/SQ

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 45°	Horizontal 70°
0.5' (0.2 m)	24 fc (262 lx)	0.4' (0.1 m)	0.7' (0.2 m)
1.0' (0.3 m)	61 fc (655 lx)	0.8' (0.2 m)	1.0' (0.3 m)
1.5' (0.5 m)	2.7 fc (29 lx)	1.2' (0.4 m)	2.0' (0.6 m)
2.0' (0.6 m)	1.5 fc (16 lx)	1.6' (0.5 m)	3.0' (0.9 m)
2.5' (0.8 m)	0.97 fc (10 lx)	2.0' (0.6 m)	3.0' (0.9 m)



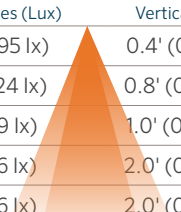
rEcho-8 ZDC Illuminance at a Distance ST

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	Vertical 90°
0.5' (0.2 m)	268 fc (2,885 lx)	1.0' (0.3 m)
1.0' (0.3 m)	67 fc (721 lx)	2.0' (0.6 m)
1.5' (0.5 m)	30 fc (321 lx)	3.0' (0.9 m)
2.0' (0.6 m)	17 fc (181 lx)	4.0' (1.2 m)
2.5' (0.8 m)	11 fc (115 lx)	5.0' (1.5 m)



rEcho-8 ZDC Illuminance at a Distance WW

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 40°	Horizontal 70°
0.5' (0.2 m)	83 fc (895 lx)	0.4' (0.1 m)	0.7' (0.2 m)
1.0' (0.3 m)	21 fc (224 lx)	0.8' (0.2 m)	1.0' (0.3 m)
1.5' (0.5 m)	9 fc (99 lx)	1.0' (0.4 m)	2.0' (0.6 m)
2.0' (0.6 m)	5 fc (56 lx)	2.0' (0.6 m)	3.0' (0.9 m)
2.5' (0.8 m)	3 fc (36 lx)	2.0' (0.6 m)	4.0' (1.2 m)



Note: Photometric data displayed using 3,900K filter.  
ZDC option defaults to wide flood.

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.