



Round



Spot



Square



Wall Wash

TYPE

CATALOG #

PROJECT

NOTES

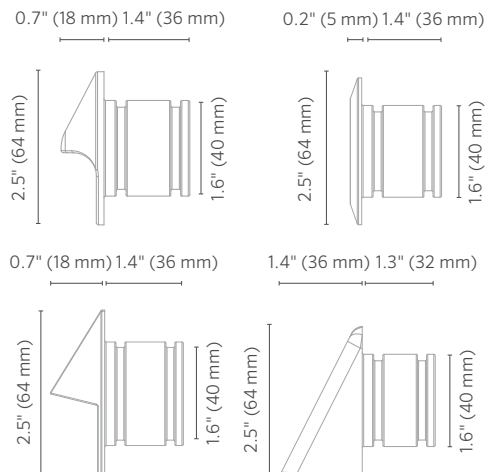
LED RECESSED LUMINAIRE

rEcho-6

Glare-free wall luminaire also functions as an up light in 1 LED. Available in brass with four faceplate options.

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-6 SPECIFICATIONS

Output	1 LED
Total Lumens**	16
Input Voltage	10 to 15 V
Input Power	2.0 W
Power Consumption (VA)	2.4 W
Efficacy (lm/W)	8
Color Rendering Index (CRI)	83
Max Candela*	24
Dimming	
Primary Dimming (Transformer)	Consult transformer specifications
Secondary Dimming (Fixture)	Phase-cut**
RGBW Available	No
Luxor Compatibility	
Default	Zoning
ZD Option	Zoning/Dimming
Minimum Rated Life L90 B10 (Hrs)	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).

** 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.

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 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 fixture.

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 integrated LED.

Hardware

Includes 12" (305 mm) ABS conduit sleeve with ½"-14 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 fixture: 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

2.3 lbs (1.0 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.

International Compliance

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

Dark-Sky Compliance

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

IES Classification

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













Warranty

5-year limited warranty

Listings



rEcho-6 ORDERING INFORMATION


Luminaire	Luxor Option	Output	Color Temp	Faceplate	Finish		
rECH-6	■ [default] Zone	■ 1LED 16 lm	■ K27 2,700K	■ RD Round	■ BS Natural Brass	 ■ WT White	
	■ ZD Zone/Dim			■ SQ Square	■ AB Antique Bronze	 ■ DA Dark Aluminum	
				■ ST Spot	■ AT Antique Tumbled	 ■ BT Basalt Gray	
				■ WW Wall Wash	■ BL Black	 ■ DB Dark Bronze	
					■ SL Anodic Silver	 ■ CC Custom RAL	
					■ LT Latte		
					■ AG Anthracite Gray		

EXAMPLE LUMINAIRE CONFIGURATION: rECH-6-ZD-1LED-K27-RD-SL†

rECH-6 - - 1LED - K27 - -

† Hyphens are for readability purposes only.

ACCESSORIES: Specify Separately

Accessories	Code	
■ rEcho-6 MOUNTING BRACKET 1.3" H x 2.5" W (33 mm x 64 mm)	POBRKT	
■ STANDARD OPTICS KIT	1LEDOPTICKIT	
■ WALL LIGHT CONNECTION KIT 	EKITWALL	

rEcho-6 PHOTOMETRICS

rEcho-6 1LED Illuminance at a Distance			RD/SQ	
Feet (Meters)	Center Beam	Beam Width		
	Foot-Candles (Lux)	Vertical 36.5°	Horizontal 59.9°	
2' (0.6 m)	0.2 fc (2.2 lx)	1.3' (0.4 m)	2.3' (0.7 m)	
4' (1.2 m)	0.1 fc (1.1 lx)	2.6' (0.8 m)	4.6' (1.4 m)	
6' (1.8 m)	0.02 fc (0.2 lx)	4.0' (1.2 m)	6.9' (2.1 m)	
8' (2.4 m)	0.01 fc (0.1 lx)	5.3' (1.6 m)	9.2' (2.8 m)	
10' (3.1 m)	0.01 fc (0.1 lx)	6.6' (2.0 m)	11.5' (3.5 m)	

rEcho-6 1LED Illuminance at a Distance			ST	
Feet (Meters)	Center Beam	Beam Width		
	Foot-Candles (Lux)	Vertical 78.6°	Horizontal 76.2°	
2' (0.6 m)	6.1 fc (66 lx)	3.3' (1.0 m)	3.1' (1.0 m)	
4' (1.2 m)	1.5 fc (16.4 lx)	6.6' (2.0 m)	6.3' (1.9 m)	
6' (1.8 m)	0.7 fc (7.3 lx)	9.8' (3.0 m)	9.4' (2.9 m)	
8' (2.4 m)	0.4 fc (4.1 lx)	13.1' (4.0 m)	12.6' (3.8 m)	
10' (3.1 m)	0.24 fc (2.6 lx)	16.4' (5.0 m)	15.7' (4.8 m)	

rEcho-6 1LED Illuminance at a Distance			WW	
Feet (Meters)	Center Beam	Beam Width		
	Foot-Candles (Lux)	Vertical 44.2°	Horizontal 58.6°	
2' (0.6 m)	0.9 fc (9.5 lx)	1.6' (0.5 m)	2.2' (0.7 m)	
4' (1.2 m)	0.2 fc (2.4 lx)	3.2' (1.0 m)	4.5' (1.4 m)	
6' (1.8 m)	0.1 fc (1.1 lx)	4.9' (1.5 m)	6.7' (2.0 m)	
8' (2.4 m)	0.1 fc (0.5 lx)	6.5' (2.0 m)	9.0' (2.7 m)	
10' (3.1 m)	0.04 fc (0.4 lx)	8.1' (2.5 m)	11.2' (3.4 m)	

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

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