



Round



Spot



Square



Wall Wash

TYPE

CATALOG #

PROJECT

NOTES

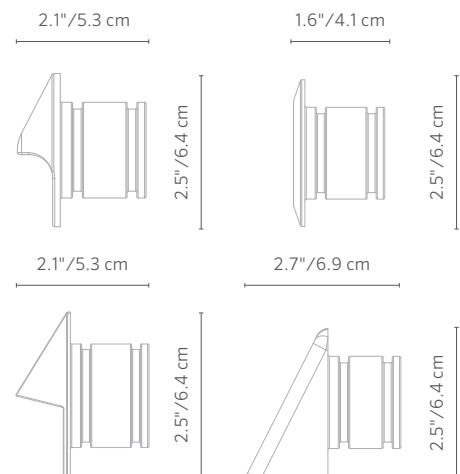
## LED RECESSED FIXTURES

### rEcho-6

Glare-free wall light can also function as an up light in 1 LED. Available in 4 faceplate options in brass.

#### Quick Facts

- Die-cast brass
- Natural, powder coated, or antiqued brass
- Cree® Integrated LEDs
- Color temperature filters
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V



# rEcho-6 SPECIFICATIONS

<b>Output</b>	<b>1LED</b>
<b>Total Lumens**</b>	16
<b>Input Voltage</b>	10 to 15V
<b>Input Power (W)</b>	2.0
<b>VA</b>	2.4
<b>Efficacy (Lumens/Watt)</b>	8
<b>Color Rendering Index (CRI)</b>	83
<b>Max Candela*</b>	24
<b>Dimming</b>	PWM, Phase**
<b>RGBW Available</b>	No
<b>Luxor Compatibility</b>	
<b>Default</b>	Zoning
<b>ZD Option</b>	Zoning/Dimming
<b>ZDC Option</b>	--
<b>Minimum Rated Life (L70)</b>	50,000 Hrs

\* Measured using the 3900K CCT lens. Multipliers for other CCT's include 0.80 (2700K), 0.65 (4500K), and 0.65 (5200K) \*\* For optimal performance, use trailing edge phase cut dimmer \* Measured using the Round (RD) faceplate. Multipliers for other faceplates include: 1.0 (Square), 2.0 (spot), and 0.4 (Wall Wash)

## Holm

Holm. Born from an industry demand for a comprehensive offering of distinctive line and low voltage lighting fixtures for the commercial market. Our products are designed to meet required specifications while echoing the aesthetics of the project. Holm is a Hunter Industries company with more than three decades of engineering expertise, now bringing its Luxor® technology to the commercial architectural and landscape lighting market.

## Materials

Die-cast C360 brass faceplate, A380 aluminum housing, ABS construction conduit sleeve.

## Lamp

Integrated module with Cree LEDs. Gold plated connectors and conformal coated for maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field up-gradeable and replaceable, the LEDs are rated to 50,000 hrs. Maximum drive current: 1 A.

## Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2700K (preinstalled), 3900K (no lens) 4500K, and 5200K. Color temperature lenses field serviceable. Beam angle is calculated using LM-79 method for SSL luminaires.

## Socket

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

## Wiring

18 AWG SPT-1W 105° C 300V 3-meter length.

## Power

Input 10-15VAC/VDC 50/60Hz. Remote transformer required (specify separately).

## Housing

Die-cast aluminum housing with capacity for 1LED integrated LEDs.

## Faceplate

Die-cast brass faceplate.

## Lens

Tempered glass lens with shock resistance and high tolerance for thermal expansion and stress.

## 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.

## Hardware

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

## Ambient Operating Temperature

0°F to 140°F.

## Weight

2.3 lbs.

## Control

ZDlink or ZDClink utilizes Luxor® technology to zone light fixtures 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 fixture is zoneable with ZDlink or ZDClink.

## Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining the highest quality and functionality. Our LED products provide high quality light at optimal energy efficiency, lifespan, and durability.

## Installation Requirements

RD & 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).

## IES Classification

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









## Warranty

5-year limited warranty.

## Listings



# rEcho-6 ORDERING INFORMATION

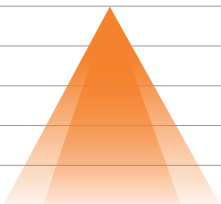
Fixture-Size	Luxor Option	Output	Faceplate	Finish	
rECH-6	■ [blank] Zone	■ 1LED 16 Lumens	■ RD Round	■ BS Natural Brass	
	■ ZD Zone/Dim		■ SQ Square	■ BZ Bronze Metallic	
			■ ST Spot	■ SV Silver	
			■ WW Wall Wash	■ FB Flat Black	
				■ FW Flat White	
				■ RL RAL Color	
				■ AB Antique Bronze	
				■ AT Antique Tumbled	

EXAMPLE FIXTURE CONFIGURATION: rECH-6-ZD-1LED-RD-BZ

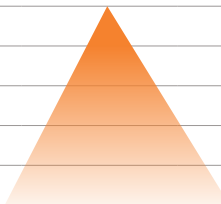
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# rEcho-6 PHOTOMETRICS

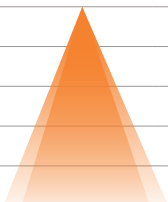
rEcho-6 1LED Illuminance at a Distance			RD/SQ	
Feet	Center Beam Fc	Beam Width		
		Vertical 36.5°	Horizontal 59.9°	
2.0 ft	0.20 fc	1.3 ft	2.3 ft	
4.0 ft	0.05 fc	2.6 ft	4.6 ft	
6.0 ft	0.02 fc	4.0 ft	6.9 ft	
8.0 ft	0.01 fc	5.3 ft	9.2 ft	
10.0 ft	0.01 fc	6.6 ft	11.5 ft	



rEcho-6 1LED Illuminance at a Distance			ST	
Feet	Center Beam Fc	Beam Width		
		Vertical 78.6°	Horizontal 76.2°	
2.0 ft	6.08 fc	3.3 ft	3.1 ft	
4.0 ft	1.52 fc	6.6 ft	6.3 ft	
6.0 ft	0.68 fc	9.8 ft	9.4 ft	
8.0 ft	0.38 fc	13.1 ft	12.6 ft	
10.0 ft	0.24 fc	16.4 ft	15.7 ft	



rEcho-6 1LED Illuminance at a Distance			WW	
Feet	Center Beam Fc	Beam Width		
		Vertical 44.2°	Horizontal 58.6°	
2.0 ft	0.88 fc	1.6 ft	2.2 ft	
4.0 ft	0.22 fc	3.2 ft	4.5 ft	
6.0 ft	0.10 fc	4.9 ft	6.7 ft	
8.0 ft	0.05 fc	6.5 ft	9.0 ft	
10.0 ft	0.04 fc	8.1 ft	11.2 ft	



NOTE: Photometric data displayed using 3900K filter.  
ZDC option defaults to wide flood.