

 TYPE

 CATALOG #

 PROJECT

 NOTES

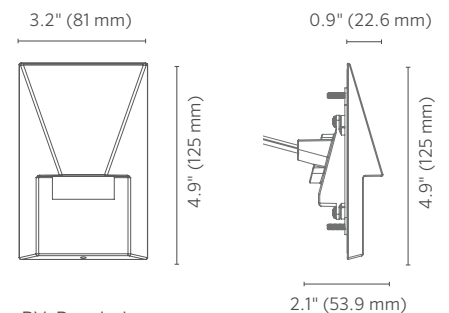
LED RECESSED LUMINAIRES

rHatch-8

This versatile wall luminaire is available with four faceplate options to maximize design flexibility in a range of applications.

Quick Facts

- Tamper-resistant features
- Glare-free shielding
- Die-cast aluminum
- Two-layer, marine-grade anodization and powder-coat finish
- Cree® integrated LEDs
- Compatible with Luxor® technology
- Phase and Luxor dimmable
- Input voltage: 10-15 Vac/Vdc



BV: Beveled
 (Measurements are the same for all four faceplate styles)

rHatch-8 SPECIFICATIONS

Output	1 LED	3 LED	ZDC
Total Lumens*	48	78	60
Input Voltage	10 to 15 V	10 to 15 V	11 to 15 V
Input Power	2.0 W	4.2 W	6.0 W
Power Consumption (VA)	2.4 W	4.5 W	7.2 W
Efficacy (lm/W)	24	19	10
Color Rendering Index (CRI)	80+	80+	80+
Maximum Candela	53	73	56
Dimming			
Primary Dimming (Transformer)	Consult transformer specifications		
Secondary Dimming (Fixture)	Phase-cut**	Phase-cut**	Luxor
Luxor Compatibility			
Default	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	Zoning/Dimming/Color
Useful LED Life L90 B10 (Hrs)	55,000	55,000	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).

**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 A380 aluminum body with stainless steel setscrews, mounting brackets, and fasteners.

Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coating 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.

Socket

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

Optics

Polycarbonate color temperature adjustment lenses included with luminaire: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Beam angle is calculated using the LM-79 method for SSL luminaires.

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 10' (3 m) length

Power

Input 0-15 Vac/Vdc, 50/60 Hz. Remote transformer required (specify separately).

Housing

Die-cast A380 aluminum body with capacity for 1 LED, 3 LED, or ZDC integrated LEDs.

Faceplate

Die-cast A380 aluminum faceplate with UV-stabilized acrylic lens.

Lens

UV-stabilized acrylic with shock resistance and high tolerance for thermal expansion and stress.

Hardware

Stainless steel machine screws.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Control

ZDlink® 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 ZDlink.

Finish

Two-layer protection of sulfuric acid anodization and polyester TGIC powder-coat finish, providing superior outdoor weathering in all conditions. Tested to ASTM standards.

Weight

1.0 lb (0.5 kg)

Installation Requirements

Designed for recessed installation in a vertical surface. Included mounting bracket fits most single-gang junction boxes (North America).

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.

Manufacturing

ISO 9001:2015 certified facility

Warranty

5-year limited warranty

Listings



rHatch-8 ORDERING INFORMATION

Luminaire	Luxor Option	Output	Color Temp	Faceplate	Finish
rHCH-8	■ [default] Zone	■ 1LED 48 lm	■ K27 2,700K	■ BV Beveled	■ BL Black
					■ DA Dark Aluminum
	■ ZD Zone/Dim	■ 3LED 78 lm		■ CV Curved	■ SL Anodic Silver
	■ ZDC Zone/ Dim/Color	■ [default ZDC option] 60 lm		■ FT Flat	■ LT Latte
				■ RD Round	■ AG Anthracite Gray
					■ CC Custom RAL
					■ WT White

EXAMPLE LUMINAIRE CONFIGURATION: rHCH-8-ZD-3LED-K27-CV-SL[†]

rHCH-8

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K27

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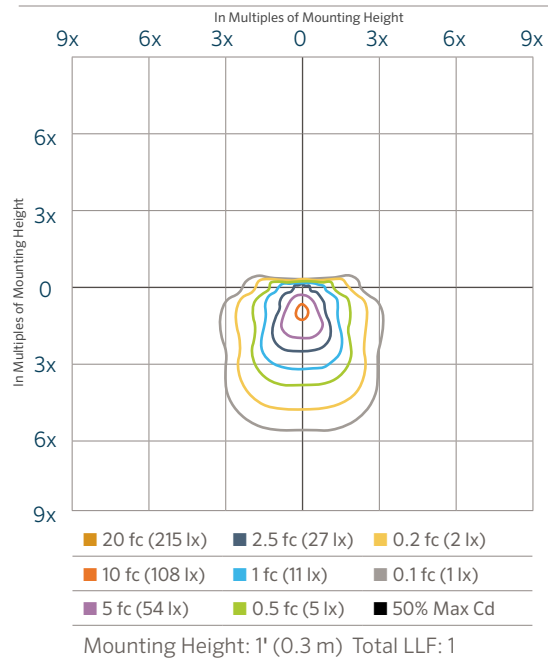
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[†] Hyphens are for readability purposes only.

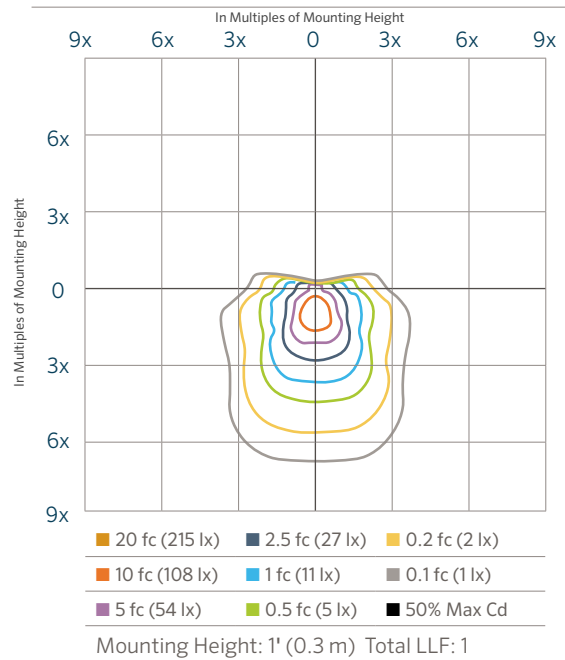
ACCESSORIES: Specify Separately

Accessories	Code
■ SINGLE-GANG JUNCTION BOX New work (18 in ³ (295 cm ³))	JB1GNWNM
■ DIMMABLE TRANSFORMER 60 W, 120 V input, 12 V output	ST120DIM
■ TRANSFORMER 80 W, 277 V input, 12 V output	ST277

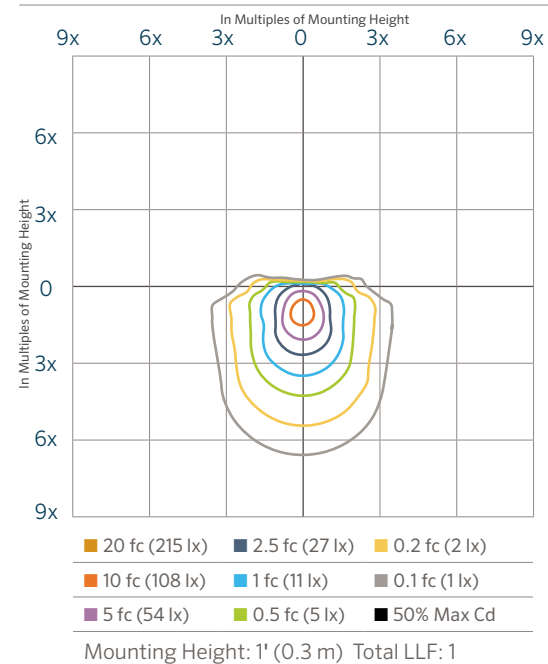
rHatch-8 1 LED Isofootcandle Plot



rHatch-8 3 LED Isofootcandle Plot



rHatch-8 ZDC Isofootcandle Plot



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