Project Name	
Type	
Part Number	
Quantity	
Notes	

Product Overview

The rHatch-12 is a versatile wall luminaire and is available with two style options to maximize design flexibility in a range of applications. A zoning/dimming version is also available for use with ZDClink® Controllers.

Features

Total Lumens	125 lm
Power Consumption	2.2 W | 4.4 W | 7.2 W
Input Voltage	White: 10-15 Vac/dc, 50/60 Hz | ZDC: 11-15 Vac/dc, 50/60 Hz
Installation Requirements	Recessed Installation Only
Typical Lifetime	White: 72,000 hrs | RGBW: 55,000 hrs
Weight	1.0 lb (0.5 kg)
Compliance	UL CERTIFIED UL-NOM RoHS COMPLIANT
Color Options	

Technology

cooldrive™	humantouch™	microantileach™

Written Specifications

Electrical

Power Consumption	Specified power consumption indicates the full apparent power.	
Input Voltage	White: 10–15 Vac/dc, 50/60 Hz.	
	RGBW: 11–15 Vac, 50/60 Hz.	
	Remote transformer required (specify separately).	
Configuration	Integral driver.	
LED	White: Lumileds®	
	RGBW: Cree®	
Thermal Management	CoolDrive™ onboard thermal monitoring and control.	
Lifetime	White: >72,000 hours (L70, B10, TM21 Reported)	
	RGBW: >55,000 hours (L70, B10, TM21 Reported)	
Dimming	Luxor® control or a trailing-edge (reverse phase-cut) dimmer.	

Control

Luxor® Control	The ZDClink Controller utilizes Luxor TechnologyTM 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 ZDClink.

Physical

Construction	Die-cast A380 aluminum body with stainless steel setscrew, mounting bracket, and fasteners.
Finish	Two-layer protection of marine-grade anodization and polyester TGIC powder-coat finish, providing superior outdoor weathering in all conditions. Tested to ASTM standards.
Installation	Designed for recessed installation in a vertical surface. Included mounting bracket fits most single-gang junction boxes (North America) in the horizontal orientation
Installation Accessories (Included)	Item ships with a stainless steel mounting bracket.
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. International ("e") length is shorter.
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	Select appropriate style for prefered glare control.
Hardware	Tamper-resistant stainless steel hardware.
Housing Capacity	Round 1LED, 3LED, or ZDC-M
Weight	1.0 lb (0.5 kg)

Compliance

IP Rating	IP65
Environment	Dry, Damp, Wet locations
BUG Rating	B0-U1-G0
IES Classification	Type II
Certification	UL 1838, CSA C22.2 No. 250.7, IEC 60598-1, IEC 605598-2-4, FCC Part 15, Subpart B, ISED Canada ICES-005, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3.
	Default configuration UL Listed. CE certification is met when the "e" option is selected.

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 lumascape.com.
Manufacturing	ISO 9001:2015 certified facility.
Warranty	5-year limited warranty.

Configuration

For complete and up-to-date product options, configure the rHCH12 using our online **product configurator**.

rHCH12					
Code	Control	Output	Light Source	Style	Finish

Control

☐ **Standard (-)**
1) On/Off, 2) Phase-cut Dimming, or 3) Zone with Luxor® Technology using the ZDClink Lighting Controller.

☐ **Zone/Dim (ZD)**
Zone/Dim with Luxor® Technology using the ZDClink Lighting Controller.

☐ **Zone/Dim/Color (ZDC)**
Zone/Dim/Color with Luxor® Technology using the ZDClink Lighting Controller.

Output

☐ **2.2 W (1LED)**
50 lm

☐ **4.4 W (3LED)**
125 lm

☐ **4.4 W**
125 lm, for ZD control

☐ **7.2 W**
For ZDC control

Light Source

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

☐ **RGBW**
For ZDC control

Style

☐ **Curved (CV)**

☐ **Flat (FT)**

Finish

☐ **Black (BL)**
RAL9004 from RAL Classic collection

☐ **Anthracite Gray (AG)**
RAL7016 from RAL Classic collection

☐ **Basalt Gray (BT)**
RAL7012 from RAL Classic collection

☐ **Graphite Gray (GH)**
Graphite Gray powder-coat finish

☐ **Anodic Silver (SL)**
RAL9006 from RAL Classic collection

☐ **White (WT)**
RAL9016 from RAL Classic collection

☐ **Dark Bronze (DB)**
RAL8019 from RAL Classic collection

☐ **Latte (LT)**
RAL7006 from RAL Classic collection

☐ **Dark Aluminium (DA)**
RAL9007 from RAL Classic collection

☐ **Custom RAL (CC)**
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.

Accessories

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