





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 ZDClick® 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	
Color Options	

Technology



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 ZDClick Controller utilizes Luxor Technology™ 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 ZDClick.
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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 preferred 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	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 .
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

- | | | |
|---|---|--|
| <input type="checkbox"/> Standard (-)
1) On/Off, 2) Phase-cut Dimming, or 3) Zone with Luxor® Technology using the ZDClink Lighting Controller. | <input type="checkbox"/> Zone/Dim (ZD)
Zone/Dim with Luxor® Technology using the ZDClink Lighting Controller. | <input type="checkbox"/> Zone/Dim/Color (ZDC)
Zone/Dim/Color with Luxor® Technology using the ZDClink Lighting Controller. |
|---|---|--|

Output

- | | | |
|--|--|---|
| <input type="checkbox"/> 2.2 W (1LED)
50 lm | <input type="checkbox"/> 4.4 W (3LED)
125 lm | <input type="checkbox"/> 4.4 W
125 lm, for ZD control |
| <input type="checkbox"/> 7.2 W
For ZDC control | | |

Light Source

- | | |
|---|---|
| <input type="checkbox"/> Static White (K27)
2,700 K (80+ CRI) | <input type="checkbox"/> RGBW
For ZDC control |
|---|---|




Style

- | | |
|---|---|
| <input type="checkbox"/> Curved (CV) | <input type="checkbox"/> 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



Give every landscape the light it deserves



When it comes to lighting design, why should architecture have all the fun? We've added more than 50 new landscape luminaires, offering unmatched performance, simple installation, and compatibility with state-of-the-art Luxor® Technology. Discover endless new possibilities to bring your next landscape lighting project to life at lumascape.com.



ARCHITECTURAL & FACADE LIGHTING
Learn more. Visit lumascape.com

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