








Project Name	
Type	
Part Number	
Quantity	
Notes	

Product Overview

The nVault-15 is a reversible angled or flat-top well light in 3, 6, or 9LED. Available in aluminum construction. RGBW capable with ZDCLink® controllers.

Features

Total Lumens	543 lm
Power Consumption	4.4 W 9.3 W 12.2 W 11.0 W
Input Voltage	White: 10-15 Vac/dc, 50/60 Hz ZDC: 11-15 Vac, 50/60 Hz
Installation Requirements	Upward Direction Only
Typical Lifetime	White: 72,000 hrs RGBW: 55,000 hrs
Weight	3.8 lb (1.7 kg)
Compliance	    RoHS COMPLIANT
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/dc, 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 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 ZDCLink.
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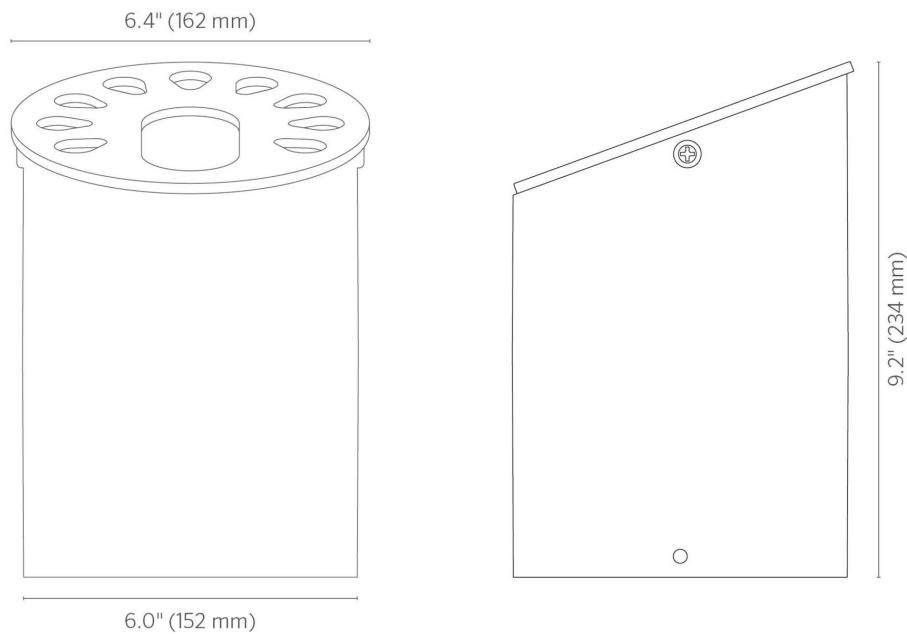
Physical

Construction	Die-cast C360 brass or A380 aluminum faceplate, machined aluminum (powder coated) lamp housing, and mix of brass and stainless steel hardware. PBT construction sleeve.
Finish	Faceplate: Options of natural brass finish, antiqued finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect, or two-layer protection of marine- grade sulfuric acid anodization with polyester TGIC powder coat. Antique finishes sealed with a clear TGIC powder-coat layer. Tested to ASTM standards. Sleeve: standard (and only) color impregnated in polycarbonate housing.
Beam Angles	White: Specify Spot (20°), Flood (35°), or Wide Flood (60°). For Narrow Spot (10°), specify any beam angle and remove beam angle lens on site. Beam angle is field serviceable. RGBW: beam angle is fixed.
Installation	Designed for installation in the upward lighting direction only.
Installation Accessories (Included)	Item ships with a 6" (152 mm) diameter PBT sleeve.
Adjustability	Internal module offered 20° of tilt.
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	OptiClear™ tempered glass for exceptional optical purity and load strength.
Lens Transparency	Clear

Hardware	Tamper-resistant stainless steel hardware.
Housing Capacity	Round 1LED, 3LED, 6LED, 9LED, or ZDC-L
Weight	2.2 lb (1.0 kg)
Compliance	
IP Rating	IP67
Drive-Over	Approved for drive-over applications according to the requirements listed in IES 60598-1 up to 4,496 lbs (20 kN).
Environment	Dry, Damp, Wet locations
Certifications	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.

Specifications

Dimensions



Photometrics 3LED

nVault-15 3 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 23.9°	Horizontal 23.8°
4.2' (1.3 m)	22.8 fc (245 lx)	1.8' (0.6 m)	1.8' (0.6 m)
8.3' (2.5 m)	5.7 fc (61 lx)	3.5' (1.1 m)	3.5' (1.1 m)
12.5' (3.8 m)	2.5 fc (27 lx)	5.3' (1.6 m)	5.3' (1.6 m)
16.7' (5.1 m)	1.5 fc (16 lx)	7.0' (2.1 m)	7.0' (2.1 m)
20.8' (6.3 m)	0.9 fc (10 lx)	8.8' (2.7 m)	8.8' (2.7 m)
25.0' (7.6 m)	0.6 fc (7 lx)	10.6' (3.2 m)	10.5' (3.2 m)

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

Photometrics 6LED

nVault-15 6 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 27.8°	Horizontal 27.9°
4.2' (1.3 m)	42.7 fc (460 lx)	2.1' (0.6 m)	2.1' (0.6 m)
8.3' (2.5 m)	10.7 fc (115 lx)	4.1' (1.3 m)	4.1' (1.3 m)
12.5' (3.8 m)	4.8 fc (52 lx)	6.2' (1.9 m)	6.2' (1.9 m)
16.7' (5.1 m)	2.7 fc (29 lx)	8.3' (2.5 m)	8.3' (2.5 m)
20.8' (6.3 m)	1.7 fc (18 lx)	10.3' (3.1 m)	10.3' (3.1 m)
25.0' (7.6 m)	1.2 fc (13 lx)	12.4' (3.8 m)	12.4' (3.8 m)

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

Photometrics 9LED

nVault-15 9 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 27.9°	Horizontal 27.0°
4.2' (1.3 m)	51.7 fc (557 lx)	2.1' (0.6 m)	2.0' (0.6 lx)
8.3' (2.5 m)	13.0 fc (140 lx)	4.1' (1.3 m)	4.0' (1.2 m)
12.5' (3.8 m)	5.8 fc (62 lx)	6.2' (1.9 m)	6.0' (1.8 m)
16.7' (5.1 m)	3.2 fc (35 lx)	8.3' (2.5 m)	8.0' (2.4 m)
20.8' (6.3 m)	2.1 fc (23 lx)	10.4' (3.2 m)	10.0' (3.1 m)
25.0' (7.6 m)	1.4 fc (15 lx)	12.4' (3.8 m)	12.0' (3.7 m)

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

Photometrics ZDC

nVault-15 ZDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 54.4°	Horizontal 38.9°
4.2' (1.3 m)	4.4 fc (47 lx)	4.4' (1.3 m)	3.0' (0.9 m)
8.3' (2.5 m)	1.1 fc (12 lx)	9.0' (2.7 m)	6.1' (1.9 m)
12.5' (3.8 m)	0.5 fc (5 lx)	13.4' (4.1 m)	9.2' (2.8 m)
16.7' (5.1 m)	0.3 fc (3 lx)	17.8' (5.4 m)	12.2' (3.7 m)
20.8' (6.3 m)	0.2 fc (2 lx)	22.3' (6.8 m)	15.3' (4.7 m)
25.0' (7.6 m)	0.1 fc (1 lx)	26.7' (8.1 m)	18.3' (5.6 m)

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

Configuration

For complete and up-to-date product options, configure the nVLT15 using our online [product configurator](#).

nVLT15							
Code	Material	Control	Output	Light Source	Beam Angles	Compliance	Finish

Material

- ☐ **Brass**
Die-cast C360 brass with stainless steel hardware. Available in BS, AB or AT finishes only.
- ☐ **Aluminum (A)**
Die-cast A380 aluminum with stainless steel hardware. Available in powder-coated finishes only.

Control

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

Output

- ☐ **4.4 W (3LED)**
186 lm
- ☐ **9.3 W (6LED)**
452 lm
- ☐ **12.2 W (9LED)**
543 lm
- ☐ **12.2 W**
543 lm, for ZD control
- ☐ **11.0 W**
For ZDC control

Light Source

- ☐ **Static White (K27)**
2,700 K (80+ CRI)
- 
- ☐ **RGBW**
For ZDC control
- 

Beam Angles

Published angles may vary slightly to photometric data. Please refer to IES files where relevant.


- ☐ **Spot (SP)**
20° beam angle
- ☐ **Flood (FL)**
30° beam angle
- ☐ **Flood**
45° beam angle, for ZDC control
- ☐ **Wide Flood (WF)**
60° beam angle

Compliance


- ☐ **North America**
UL listed
- ☐ **International (E)**
UL listed and CE approved. Required for shipment outside of North America.

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



- ☐ **Natural Brass (BS)**




☐ **Antique Bronze (AB)**
Natural brass material with brushed antique effect. Finish sealed with a clear TGIC powder-coat finish layer.



☐ **Antique Tumbled (AT)**
Natural brass material with tumbled antique effect. Finish sealed with a clear TGIC powder-coat finish layer.


- ☐ **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

Mounting & Installation

Specify Separately

- ☐ **Protective Insert (KG-CPI)**
A clear, protective insert for in-ground well lights to prevent debris from entering the luminaire's primary tube.



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 - Medium (WCHSMD20)**
Tin-coated copper butt splices with adhesive-filled heat shrink tubes.



- ☐ **Heat Shrink Wire Connectors - Small (WCHSSM20)**
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.



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