

TYPE

CATALOG #

PROJECT

NOTES

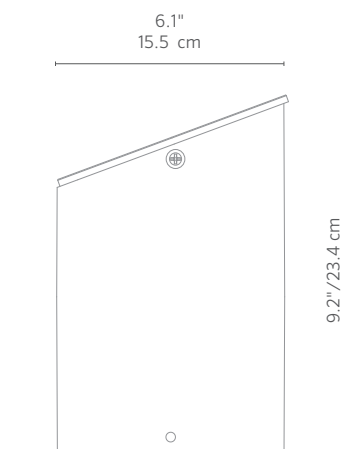
LED IN-GRADE FIXTURES

nVault-15a

Reversible angled or flat-top well light in 3, 6, or 9 LED. Available in aluminum construction. RGBW capable with ZDCLink systems.

Quick Facts

- Die-cast aluminum
- Two-layer marine-grade anodization and powder coat finish
- Cree® Integrated LEDs
- ProAim™ adjustability
- Reversible design for flat or angled installation
- Tamper resistant features
- Color temperature filters
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V



nVault-15a SPECIFICATIONS

Output	3LED	6LED	9LED	ZDC
Total Lumens [†]	128	265	321	123
Input Voltage	10 to 15V	10 to 15V	10 to 15V	11 to 15V
Input Power (W)	4.2	10.1	11.2	9.1
VA	4.5	13.5	13.5	11.0
Efficacy (Lumens/Watt)	30	23	27	23
Color Rendering Index (CRI)	70	66	69	83
Center Beam Candle Power*				
Spot (17-20)	408	747	901	166
Dimming	PWM, Phase**	PWM, Phase**	PWM, Phase**	--
RGBW Available	No	No	No	Yes
Luxor Compatibility				
Default	Zoning	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	--	Zoning/Dimming/ Color
Minimum Rated Life (L70)	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs

* Information not available for Flood or Wide Flood ** For optimal performance, use trailing edge phase cut dimmer

† Measured using the 3900K CCT lens. Multipliers for other CCT's include 0.80 (2700K), 0.65 (4500K), and 0.65 (5200K)

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 aluminum A380 faceplate and sealed housing with stainless steel hardware. ABS construction sleeve.

Lamp

Integrated module with Cree LEDs. Gold plated connectors and conformal coat for maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life in excess of the rated 50,000 hrs. Field upgradeable 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. Interchangeable optics for 10°, 20°, 30°-32°, or 55-58° distributions ordered pre-assembled to fixture. Color temperature and beam angle 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 1.5 meter length

Power

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

Housing

Die-cast aluminum housing with capacity for 1LED, 3LED, 6LED, 9LED, or ZDC integrated LEDs.

Construction Sleeve

Bronze-colored ABS composite construction sleeve with flat (0°) or angled (20°) installation options.

Faceplate

Die-cast aluminum flat faceplate with window and hemicycle eye drop pattern.

Lens

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

Finish

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

Hardware

Black oxide stainless steel hardware.

Ambient Operating Temperature

0°F to 140°F

Weight

3.8 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

Designed for installation in the upward direction only.





Warranty

5-year limited warranty

Listings



nVault-15a ORDERING INFORMATION

Fixture-Size	Luxor Option	Output	Optics	Finish
nVLT-15a	■ [blank] Zone	■ 3LED 128 Lumens	■ SP 17° - 20°	■ BZ Bronze Metallic 
	■ ZD Zone/Dim	■ 6LED 265 Lumens	■ FL 30° - 32°	■ SV Silver 
		■ 9LED 321 Lumens	■ WF 56° - 58°	■ FB Flat Black 
	■ ZDC Zone/Dim/Color	■ [blank] 123 Lumens	■ [blank] 42° -44°	■ FW Flat White 
			■ RL RAL Color	

EXAMPLE FIXTURE CONFIGURATION: nVLT-15a-ZD-6LED-BZ

nVLT-15a - - - -

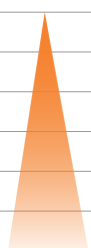
Accessory: Specify Separately

Item	Code
■ CLEAR DOME COVER 2.5" 6.4cm x 12" 30.5cm	250019030000

nVault-15a PHOTOMETRICS

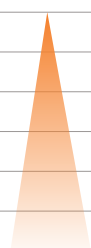
nVault-15a 3LED Illuminance at a Distance

Feet	Center Beam Fc	Beam Width	
		Vertical 23.9°	Horizontal 23.8°
4.2 ft	22.8 fc	1.8 ft	1.8 ft
8.3 ft	5.7 fc	3.5 ft	3.5 ft
12.5 ft	2.5 fc	5.3 ft	5.3 ft
16.7 ft	1.5 fc	7.0 ft	7.0 ft
20.8 ft	0.9 fc	8.8 ft	8.8 ft
25.0 ft	0.6 fc	10.6 ft	10.5 ft




nVault-15a 6LED Illuminance at a Distance

Feet	Center Beam Fc	Beam Width	
		Vertical 27.8°	Horizontal 27.9°
4.2 ft	42.7 fc	2.1 ft	2.1 ft
8.3 ft	10.7 fc	4.1 ft	4.1 ft
12.5 ft	4.8 fc	6.2 ft	6.2 ft
16.7 ft	2.7 fc	8.3 ft	8.3 ft
20.8 ft	1.7 fc	10.3 ft	10.3 ft
25.0 ft	1.2 fc	12.4 ft	12.4 ft




nVault-15a 9LED Illuminance at a Distance

Feet	Center Beam Fc	Beam Width	
		Vertical 27.9°	Horizontal 27.0°
4.2 ft	51.7 fc	2.1 ft	2.0 ft
8.3 ft	13.0 fc	4.1 ft	4.0 ft
12.5 ft	5.8 fc	6.2 ft	6.0 ft
16.7 ft	3.2 fc	8.3 ft	8.0 ft
20.8 ft	2.1 fc	10.4 ft	10.0 ft
25.0 ft	1.4 fc	12.4 ft	12.0 ft



nVault-15a ZDC Illuminance at a Distance

Feet	Center Beam Fc	Beam Width	
		Vertical 54.4°	Horizontal 38.9°
4.2 ft	4.4 fc	4.4 ft	3.0 ft
8.3 ft	1.1 fc	9.0 ft	6.1 ft
12.5 ft	0.5 fc	13.4 ft	9.2 ft
16.7 ft	0.3 fc	17.8 ft	12.2 ft
20.8 ft	0.2 fc	22.3 ft	15.3 ft
25.0 ft	0.1 fc	26.7 ft	18.3 ft



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