Project Name	
Type	
Part Number	
Quantity	
Notes	

Product Overview

A robust in-grade luminaire.

Features

Total Lumens	26 lm
Power Consumption	2.2 W	4.3 W
Input Voltage	White: 10-15 Vac, 50/60 Hz	ZDC: 11-15 Vac, 50/60 Hz
Installation Requirements	Direct-Burial Installations Only
Type Lifetime	White: 72,000 hrs	RGBW: 55,000 hrs
Weight	2.2 lbs (1.0 kg)
Compliance	UL CERTIFIED UL-NOM CE 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 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.

Physical

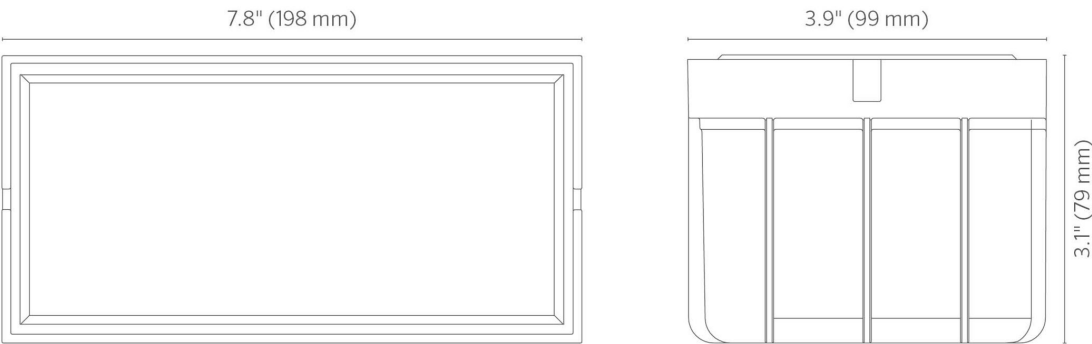|	
Construction	Polycarbonate housing with glass lens.
Finish	Color impregnated in polycarbonate housing.
Installation	Designed for installation in the upward lighting direction only.
Installation Accessories (Included)	Item ships with pre-install kit, including a 4'' x 8'' sleeve with a debris cover.
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	Tempered glass lens with shock resistance and high tolerance for thermal expansion and stress.
Lens Transparency	Frosted
Housing Capacity	Rectangular 1LED or ZDC-R
Weight	2.2 lb (1.0 kg)

Compliance

IP Rating	IP68
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 - nBLZ20 NEW

7.8" (198 mm)

3.9" (99 mm)

3.1" (79 mm)

Configuration

For complete and up-to-date product options, configure the nBLZ20 using our online **product configurator**.

nBLZ20						
Code	Control	Output	Light Source	Compliance	Finish	Mounting & Installation

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)**
26 lm

☐ **4.3 W**
For ZDC control

Light Source

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

☐ **RGBW**
For ZDC control

Compliance

☐ **North America**
UL listed

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

Finish

☐ **Dark Slate (DS)**

Mounting & Installation

Included with product.

☐ **Pre-Installation Kit**

Accessories

Pre-Installation Kit
Specify Separately

☐ **Ship Separately (MKHP48)**
Pre-Installation kit shipped with the complete luminaire.

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.

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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