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 TYPE
 

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 PROJECT
 

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 NOTES
 

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## LED IN-GRADE LUMINAIRE

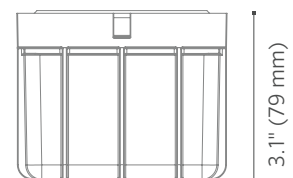
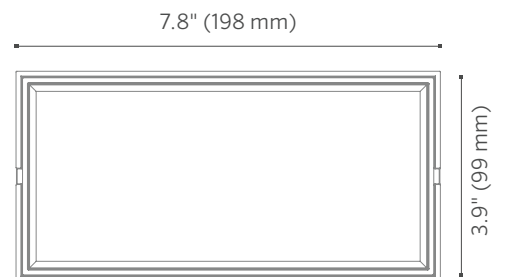
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### *nBlaze-20*

Offered in 1 LED, this robust in-grade luminaire seamlessly integrates with standard paver installations. A version is also available for use with ZDCLink® Systems.

#### Quick Facts

- Drive-over rated
- Cree® integrated LEDs
- Compatible with Luxor® Technology
- Phase and Luxor dimmable
- Input voltage: 10 to 15 Vac/Vdc



## nBlaze-20 SPECIFICATIONS

| Output                                  | 1 LED                              | ZDC                  |
|---|------------------------------------|----------------------|
| <b>Total Lumens</b>                     | 17 to 20                           | 28                   |
| <b>Input Voltage</b>                    | 10 to 15 V                         | 11 to 15 V           |
| <b>Input Power</b>                      | 2.0 W                              | 3.6 W                |
| <b>Power Consumption (VA)</b>           | 2.4 W                              | 4.3 W                |
| <b>Efficacy (lm/W)</b>                  | 8.5 to 10                          | 7.8                  |
| <b>Color Rendering Index (CRI)</b>      | 80+                                | 80+                  |
| <b>Dimming</b>                          |                                    |                      |
| <b>Primary Dimming (Transformer)</b>    | Consult transformer specifications |                      |
| <b>Secondary Dimming (Fixture)</b>      | Phase-cut**                        | Luxor                |
| <b>RGBW Available</b>                   | No                                 | Yes                  |
| <b>Luxor Compatibility</b>              | --                                 | --                   |
| <b>Default</b>                          | Zoning                             | --                   |
| <b>ZD Option</b>                        | Zoning/Dimming                     | --                   |
| <b>ZDC Option</b>                       | --                                 | Zoning/Dimming/Color |
| <b>Minimum Rated Life L90 B10 (Hrs)</b> | 55,000                             | 55,000               |

\*\* For optimal performance, use a trailing-edge (reverse phase-cut) dimmer.

### Lumascap

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](http://lumascap.com).

### Materials

Polycarbonate housing with glass lens.

### Socket

Socket contains MoistureBlock™ Technology, preventing moisture from wicking into sealed areas of the luminaire.

### Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coating for maximum reliability and corrosion resistance. Proprietary onboard intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. The LEDs are rated to 55,000 hrs. Maximum drive current: 1 A.

### Housing

Injection molded polycarbonate with structural ribs.

### Lens

Tempered soda-lime glass.

### Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 10' (3 m) length

### Power

Input 10 to 15 Vac/Vdc, 50/60 Hz. Remote transformer required (specify separately).

### Ambient Operating Temperature

-20°F to 122°F (-29°C to 50°C)

### Control

ZD or ZDC 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 ZDLink.

### Finish

Color impregnated in polycarbonate housing.

### Weight

2.2 lbs (1 kg)

### Drive-Over

Approved for drive-over applications according to the requirements listed in IES 60598-1 up to 4,496 lbs (20 kN).

### Installation Requirements

Designed for direct-burial installation.

### Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

### International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-4 by selecting the "e" version.

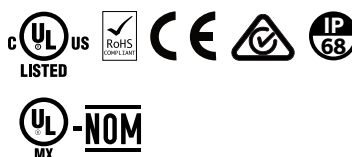
### Manufacturing

ISO 9001:2015 certified facility

### Warranty

5-year limited warranty

### Listings



nBlaze-20 ORDERING INFORMATION

| Luminaire | Luxor Option                                   | Output  | CCT  | Compliance                                      | Finish                                    |
|-----------|--|---|--|---|---|
| nBLZ-20   | <input type="checkbox"/> [default]<br>Zone     | <input type="checkbox"/> 1LED<br>20 lm          | <input type="checkbox"/> K27<br>2,700K         | <input type="checkbox"/> [default]<br>UL Listed | <input type="checkbox"/> DS<br>Dark Slate |
|           | <input type="checkbox"/> ZD<br>Zone/Dim        |   | <input type="checkbox"/> K39<br>3,900K         | <input type="checkbox"/> e<br>CE Certified      |   |
|           | <input type="checkbox"/> ZDC<br>Zone/Dim/Color | <input type="checkbox"/> [default ZDC]<br>28 lm | <input type="checkbox"/> [default ZDC]<br>RGBW |   |   |

EXAMPLE LUMINAIRE CONFIGURATION: nBLZ-20-ZD-1LED-K27-DS

nBLZ-20

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DS

† Hyphens are for readability purposes only.

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