

ZXG-LEDi

LED In-grade . ZXG Series



Product Features

- Brass in-grade fixture with superior corrosion resistance.
- ETL outdoor wet location listed. IP67 standard.
- Built-in optic accessory holder.
- Easy-lock aiming mechanism allows 360° horizontal and 20° vertical adjustability.
- Modular components - field changeable LED module & beam spread reflectors.
- Line voltage input with integral transformer in fixture housing.

Specification

Materials:
 Housing: Die-cast brass.
 Lamp holder and Aiming Assembly: Machined from billet 6061-T6 corrosion resistant aluminum.
 Hardware: 304 stainless steel hardware.

Wattage: 5, 7, 10, 14, 21 or 26W HK LED.

Voltage: 120~277V AC.

Light Source: CRI 83. Available in CRI95 upon request. The chromaticity range is within a 3-step McAdam Ellipse. Standard CCT options are 2700K, 3000K, 4000K.

Lamp Base/Socket: Innovative cone-shaped lamp base and receptacle socket maximize the surface contact area to dissipate heat more effectively. See "Resources" for details.

Dimmability: Standard with phase dimming @120V, 0-10V dimming @ 120-277V. Please consult factory for DALI or DMX control.

Finish: Standard is natural brass. Also available in nickel plating(NP), or BLACK OXIDE(BKO) on top bezels.

Optical Accessories: Accepts up to 2 accessories (hexcel louver, optical lenses, dichroic color filters, etc.). Secured in place with metal snap ring.

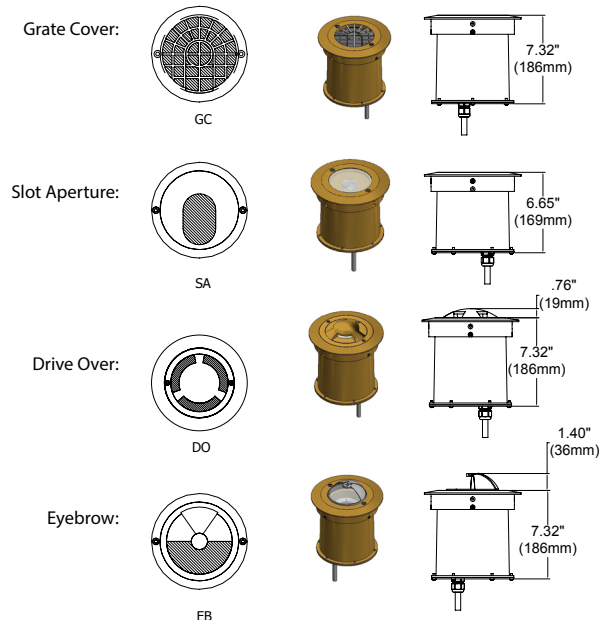
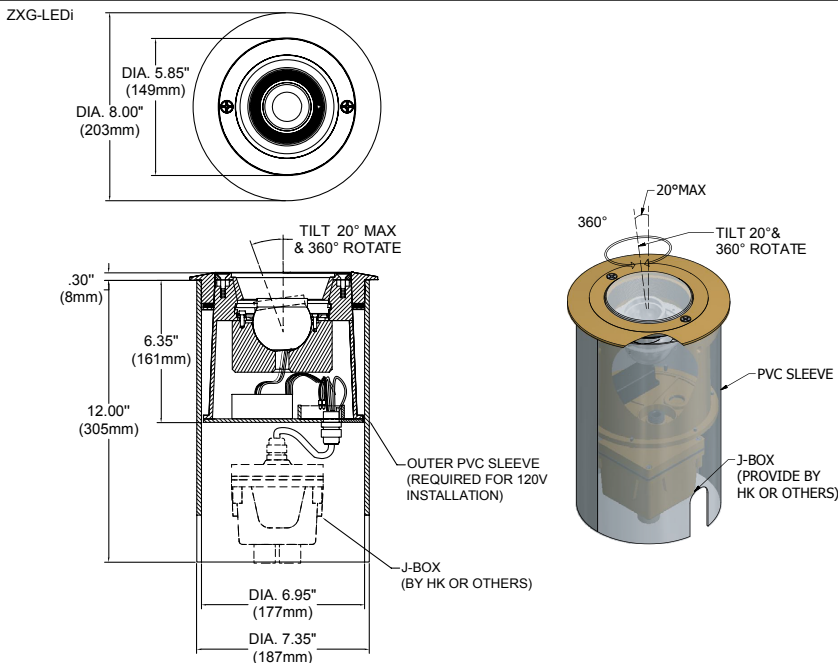
Ordering Guide

EXAMPLE: ZXG-LEDi - 10 - 120V - 27 - 20 - NBR - LVR - GC

| SERIES | VOLTAGE | WATTAGE | CCT | OPTICS | FINISH | OPTIONAL SELECT UP TO 2 OPTIC ACCESSORIES | OPTIONAL ACCESSORIES |
|----------|----------|--|----------------------------------|--|---|---|---|
| ZXG-LEDi | - | - | - | - | - | - | - |
| | 120~277V | 5 5W 7 7W 10 10W 14 14W 21 21W 26 26W | 27 2700K 30 3000K 40 4000K | 20 20° 33 33° 44 44° 57 57° Optics for 5W, 7W, 10W, 14W. | Standard NBR Natural Brass Premium NP Nickel Plated BKO Black Oxide | LVR Hexcel Louver OSL Overall Spread Lens LSL Linear Spread Lens SQL Solite Soft Focus DF Dichroic Filter | See page 3 for quick reference, or "Accessories" link for detailed specification. |

Product Drawings

NOTE: Specification and dimensions subject to change without notice.

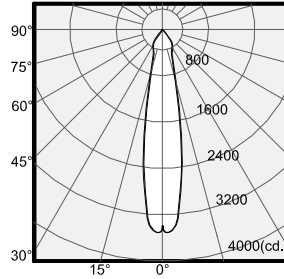


Photometry & Energy Data(IES data for the 5W,7W,10W,14W. Please consult factory for 21W, 26W.)

MODEL ZXG-LEDi-10W-N

| | |
|----------------------------|--------|
| Input Power | 9.5W |
| Color Temperature (CCT) | 3000K |
| Color Rendering Index (Ra) | 83 |
| Beam Angle | 20.5° |
| Max. Candlpower | 3507cd |
| Delivered Lumens | 864lm |
| Efficacy | 91lm/W |

Polar Graph - Intensity



Cone of Light - Illuminance

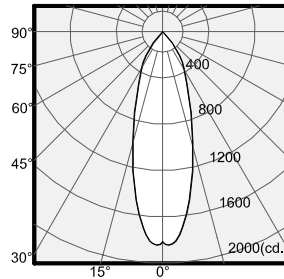
| Center Beam (fc) | Beam Diameter | Distance |
|------------------|---------------|----------|
| 877 | 0.7' | 2.0' |
| 219 | 1.4' | 4.0' |
| 97 | 2.2' | 6.0' |
| 55 | 2.9' | 8.0' |
| 35 | 3.6' | 10.0' |

1/2 Beam Angle: 20.5°

MODEL ZXG-LEDi-10W-M

| | |
|----------------------------|--------|
| Input Power | 9.5W |
| Color Temperature (CCT) | 3000K |
| Color Rendering Index (Ra) | 83 |
| Beam Angle | 32.5° |
| Max. Candlpower | 1842cd |
| Delivered Lumen | 863lm |
| Efficacy | 91lm/W |

Polar Graph - Intensity



Cone of Light - Illuminance

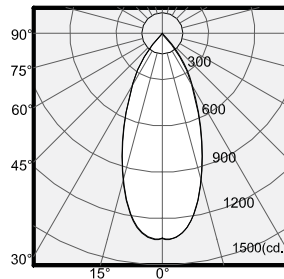
| Center Beam (fc) | Beam Diameter | Distance |
|------------------|---------------|----------|
| 460 | 1.2' | 2.0' |
| 115 | 2.3' | 4.0' |
| 51 | 3.5' | 6.0' |
| 29 | 4.6' | 8.0' |
| 18 | 5.8' | 10.0' |

1/2 Beam Angle: 32.5°

MODEL ZXG-LEDi-10W-W

| | |
|----------------------------|--------|
| Input Power | 9.5W |
| Color Temperature (CCT) | 3000K |
| Color Rendering Index (Ra) | 83 |
| Beam Angle | 44.1° |
| Max. Candlpower | 1332cd |
| Delivered Lumen | 850lm |
| Efficacy | 89lm/W |

Polar Graph - Intensity



Cone of Light - Illuminance

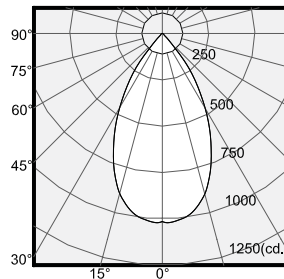
| Center Beam (fc) | Beam Diameter | Distance |
|------------------|---------------|----------|
| 333 | 1.6' | 2.0' |
| 83 | 3.2' | 4.0' |
| 37 | 4.9' | 6.0' |
| 21 | 6.5' | 8.0' |
| 13 | 8.1' | 10.0' |

1/2 Beam Angle: 44.1°

MODEL ZXG-LEDi-10W-VW

| | |
|----------------------------|--------|
| Input Power | 9.5W |
| Color Temperature (CCT) | 3000K |
| Color Rendering Index (Ra) | 83 |
| Beam Angle | 56.9° |
| Max. Candlpower | 1019cd |
| Delivered Lumen | 876lm |
| Efficacy | 92lm/W |

Polar Graph - Intensity



Cone of Light - Illuminance

| Center Beam (fc) | Beam Diameter | Distance |
|------------------|---------------|----------|
| 255 | 2.3' | 2.0' |
| 64 | 4.6' | 4.0' |
| 28 | 6.9' | 6.0' |
| 16 | 9.2' | 8.0' |
| 10 | 11.5' | 10.0' |

1/2 Beam Angle: 56.9°

Wattage Multiplier Table

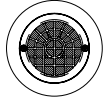
| Wattage | Multiplier |
|---------|------------|
| 5Watt | 0.45 |
| 7Watt | 0.80 |
| 10Watt | 1.14 |
| 14Watt | 1.56 |

CCT Multiplier Table

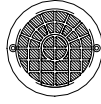
| Color Temp. | Multiplier |
|-------------|------------|
| 2700k | 0.97 |
| 3000k | 1.00 |
| 4000k | 1.05 |

Accessories

Bottom Flange:

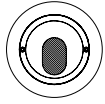


Fixture With GC

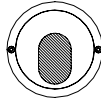


GC

Slot Aperture:

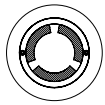


Fixture With SA

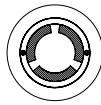


SA

Drive Over:



Fixture With DO

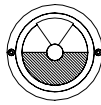


DO

Eyebrow:



Fixture With EB



EB

Ground Mount:



JB1

Notes