

ZXL16i-CM

LED Ceiling Mount · ZX16 Series



Product Features

- Ceiling mount lighting for architectural and down light application.
- ETL outdoor wet location listed. IP65 standard.
- Machined from solid billet 6061-T6 corrosion resistant aluminum.
- Modular components - field changeable LED module & beam spread reflectors.
- Line voltage input with integral step down transformer in fixture housing.
- Available in turtle friendly amber model.

Specification

Materials: Machined from billet 6061-T6 corrosion resistant aluminum with 304 stainless steel hardware. Available in 304/316 stainless steel or 360 brass upon request.

Hood and Glare Shield: 2 available hood options to suit any application. 3 optional glare shields (short, long, angled) to complement each hood choice. See page 3 for details.

Wattage: 5, 7 or 10W HK LED. 10W AMBER LED.

Voltage: 120, 230 or 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: 0-10V dimming, phase dimming @120V.

Finish: Polyester powder coat on all aluminum materials with RoHS compliant procedures. Anodized finish is available. Stainless steel and brass models are provided with brushed surface.

Optical Accessories: Accepts up to 3 accessories (hexcel louver, optical lenses, dichroic color filters, etc.). Secured in place with metal snap ring.

Mounting Method: Utilizes 2x 8-32 UNC machine screws (provided) to attach to a standard octagon recessed back box (provided by others).

Ordering Guide

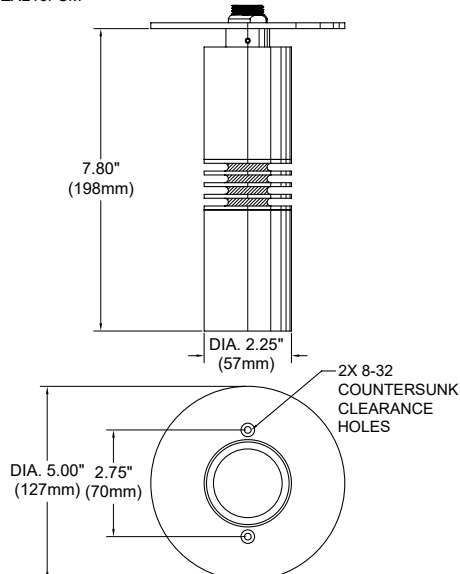
EXAMPLE: ZXL16i-CM - B - GSL - 120V - 7 - 27 - 20 - MLV - BK - LVR - CM5

SERIES	MATERIAL	HOOD	OPTIONAL GLARE SHIELD	VOLTAGE	WATTAGE	CCT	OPTICS	OPTIONAL DIMMING	FINISH	OPTIONAL SELECT UP TO 3 OPTIC ACCESSORIES	OPTIONAL MOUNTING ACCESSORIES
ZXL16i-CM	BLANK Aluminum(Standard) NBR Natural Brass NSS Natural Stainless Steel CU Natural Copper	B B-HOOD	GSL GSA GSS	120V 230V 277V	5 SW 7 7W 10 10W	27 2700K 30 3000K 40 4000K	20 20° 33 33° 44 44°	PH Phase dimming @120V only 010 0-10V dimming	Standard BK Black Powder Coat BZ Bronze Powder Coat WT White Powder Coat Premium ABK Anodized Black ACL Anodized Clear CC Custom Powder Coat	LVR Hexcel Louver OSL Overall Spread Lens LSL Linear Spread Lens SOL Solite Soft Focus DF Dichroic Filter	See page 3 for quick reference, or "Accessories" link for detailed specification
ZXL16i-CM-NF		C C-HOOD	CGSL CGSA CGSS		AMB 10W AMBER		57 57°				

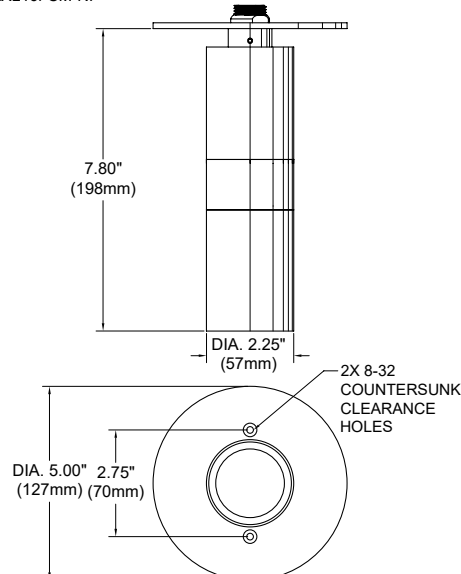
Product Drawings

NOTE: Specification and dimensions subject to change without notice.

ZXL16i-CM



ZXL16i-CM-NF

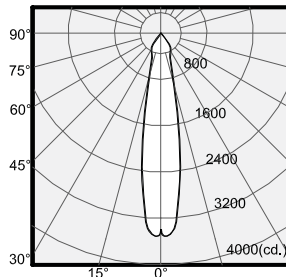


Photometry & Energy Data

MODEL ZXL16i-CM-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

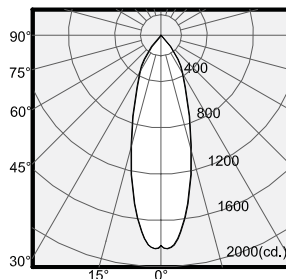
Center Beam (fc)	Beam Diameter	Distance
877	0.7'	2.0'
219	1.4'	4.0'
97	2.2'	6.0'
55	2.9'	8.0'
35	3.6'	10.0'

1/2 Beam Angle: 20.5°

MODEL ZXL16i-CM-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

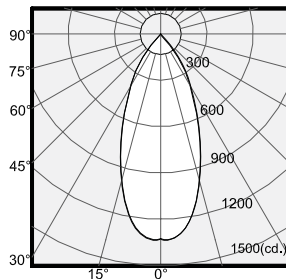
Center Beam (fc)	Beam Diameter	Distance
460	1.2'	2.0'
115	2.3'	4.0'
51	3.5'	6.0'
29	4.6'	8.0'
18	5.8'	10.0'

1/2 Beam Angle: 32.5°

MODEL ZXL16i-CM-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

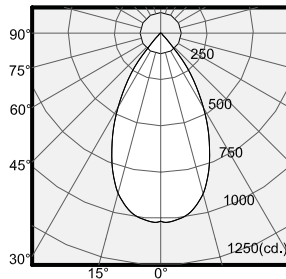
Center Beam (fc)	Beam Diameter	Distance
333	1.6'	2.0'
83	3.2'	4.0'
37	4.9'	6.0'
21	6.5'	8.0'
13	8.1'	10.0'

1/2 Beam Angle: 44.1°

MODEL ZXL16i-CM-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

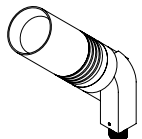
Wattage	Multiplier
5Watt	0.45
7Watt	0.80
10Watt	1.14
AMBER 10W	0.73

CCT Multiplier Table

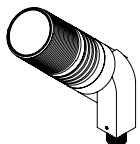
Color Temp.	Multiplier
2700K	0.97
3000K	1.00
4000K	1.05

Product Options & Accessories

Hood Options

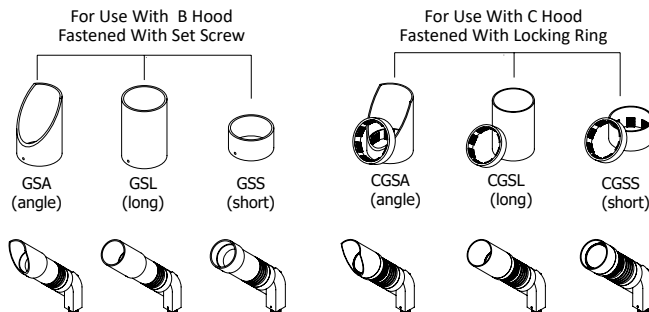


B-HOOD
Regressed lens for glare control. Used in an interior or down light application.



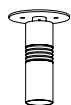
C-HOOD
Flush hood with machined threading on the outside for attachment of C-style glare shield, cleverly designed with hidden drainage channels.

Optional Glare Shield

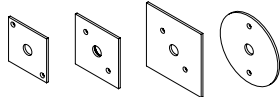


Mounting Accessories

Canopy Plate:

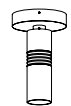


Fixture On CM5

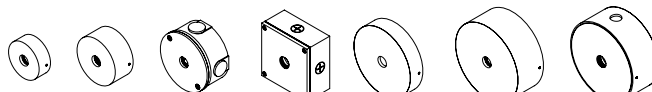


CM2 CM1 CM3 CM5

Surface Mount Box:



Fixture On CB5.1



CM1J CB3.5 CB4.0 CB4.0-SQ CB5.1 CB5.5 CB5.5-K/O

Notes