

ZXL16i-CM-SQ

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.

Glare Shield: 3 optional glare shields (GSL-long, GSA-angled GSS-short) for additional glare control. See page 3 for details.

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

Voltage: 120, 230 or 277V AC with integral step down transformer.

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).

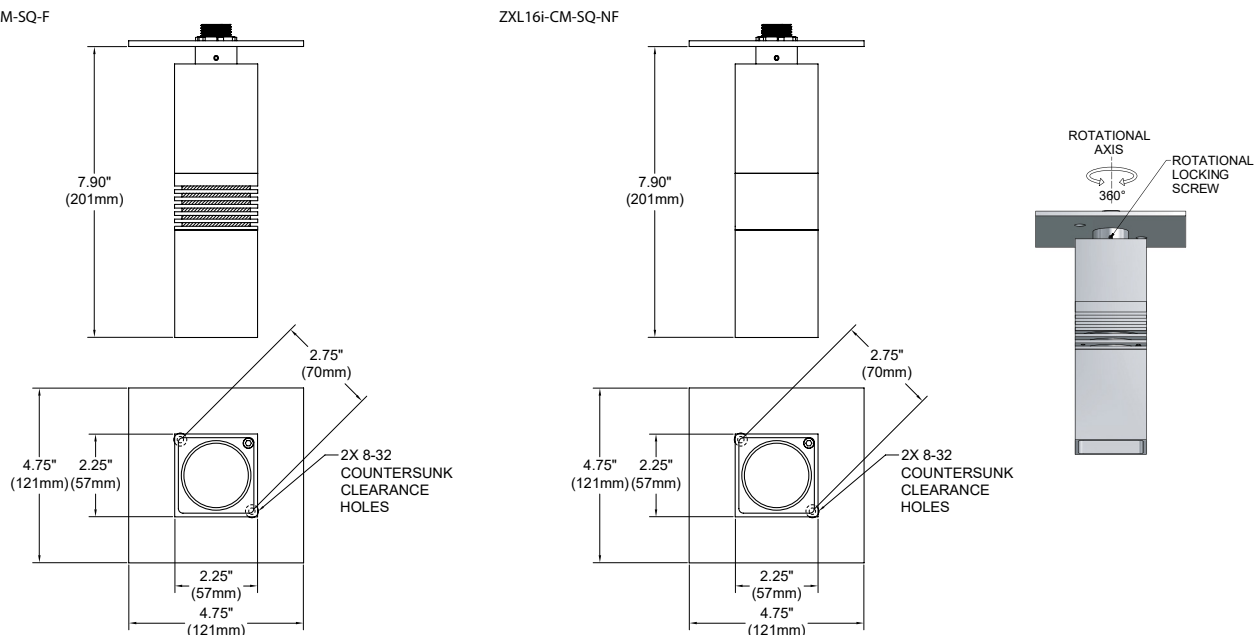
Ordering Guide

EXAMPLE: ZXL16i-CM-SQ - GSL - 120V - 7 - 27 - 20 - 010 - BK - LVR - CM3

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

Product Drawings

NOTE: Specification and dimensions subject to change without notice.

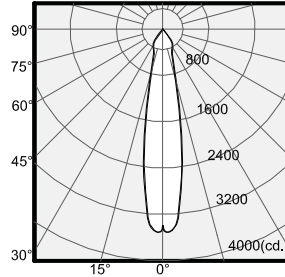


Photometry & Energy Data

MODEL ZXL16i-CM-SQ-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

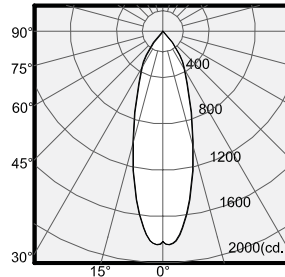
Center Beam (fc)	Beam Diameter	Distance
877	0.7'	2.0'
219	1.4'	4.0'
97	2.2'	6.0'
55	2.9'	8.0'
35	3.6'	10.0'

1/2 Beam Angle: 20.5°

MODEL ZXL16i-CM-SQ-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

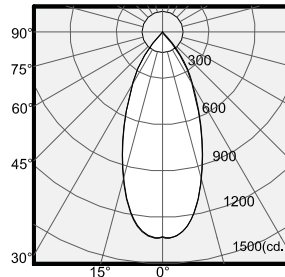
Center Beam (fc)	Beam Diameter	Distance
460	1.2'	2.0'
115	2.3'	4.0'
51	3.5'	6.0'
29	4.6'	8.0'
18	5.8'	10.0'

1/2 Beam Angle: 32.5°

MODEL ZXL16i-CM-SQ-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

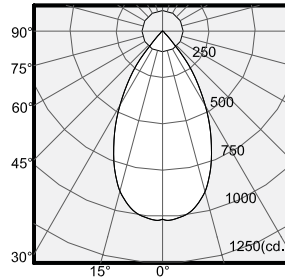
Center Beam (fc)	Beam Diameter	Distance
333	1.6'	2.0'
83	3.2'	4.0'
37	4.9'	6.0'
21	6.5'	8.0'
13	8.1'	10.0'

1/2 Beam Angle: 44.1°

MODEL ZXL16i-CM-SQ-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

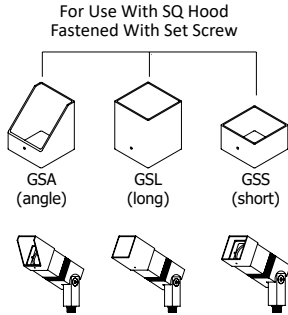
Wattage	Multiplier
5Watt	0.45
7Watt	0.80
10Watt	1.00
AMBER 10W	0.73

CCT Multiplier Table

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

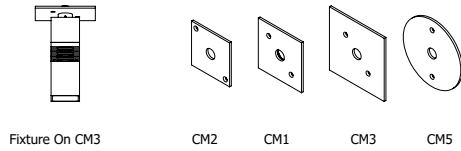
Product Options & Accessories

Optional Glare Shield

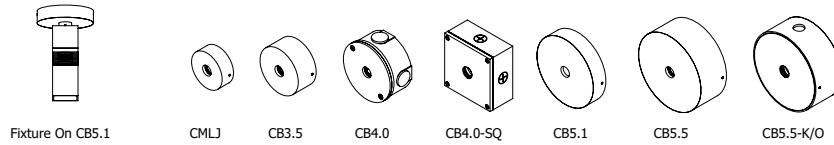


Mounting Accessories

Canopy Plate:



Surface Mount Box:



Notes