

# ZXL16-WM/ZXL16i-WM

LED Wall Mount · ZX16 Series



## Product Features

- Fixed angle wall mount up light or down light with mounting canopy.
- ETL outdoor wet location listed. IP65 standard.
- Machined from solid billet 6061-T6 corrosion resistant aluminum.
- Swivel stem insert allows for precision adjustment during installation.
- Unique weep hole design in hood allows for either upward or downward facing installation with minimum light leak.
- Modular components - field changeable LED module & beam spread reflectors.
- 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:** 3 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:** 12V AC or line voltage. 12V model requires remote transformer. Line voltage models come with integral 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:** 12V -- MLV or ELV depending on the transformer used. Line voltage -- 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 Accessory:** Utilizes 2x 8-32 UNC machine screws (provided) to attach to a standard octagon recessed back box (provided by others).

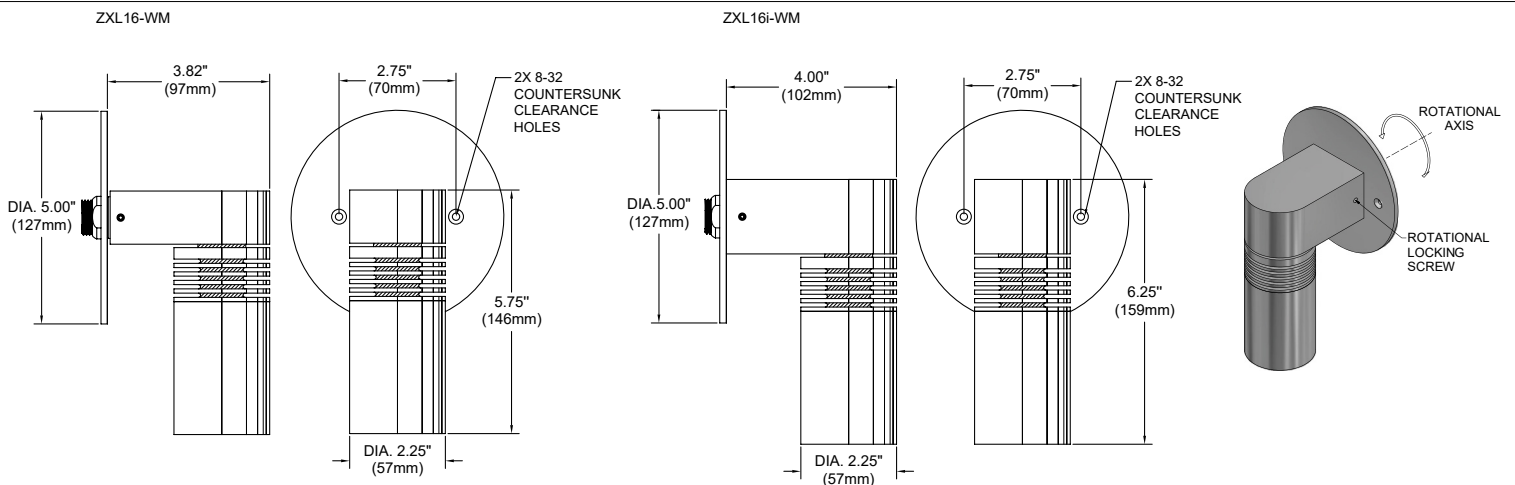
## Ordering Guide

EXAMPLE: ZXL16-WM - NF - A - GSL - 12 - 10 - 27 - 20 - BK - LVR - CM5  
ZXL16i-WM - F - B - GSL - UNV - 10 - 27 - 20 - BK - LVR - CM5

SERIES	MATERIAL	FINS	HOOD	Optional GLARE SHIELD	VOLTAGE	WATTAGE	CCT	OPTICS	DIMMING	FINISH	Optional, Select Up To 3 OPTIC ACCESSORIES	Optional MOUNTING ACCESSORIES
ZXL16-WM	BLANK Aluminum(Standard) NBR Natural Brass	F With Fins	A A-HOOD B B-HOOD	GSL GSA GSS	12 12V UNV (120-277V)	5 5W 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 @120-277V	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-WM	NSS Natural Stainless Steel CU Natural Copper	NF No Fins	C C-HOOD	CGSL CGSA CGSS		AMB 10W AMBER						

## Product Drawings

NOTE: Specification and dimensions subject to change without notice.

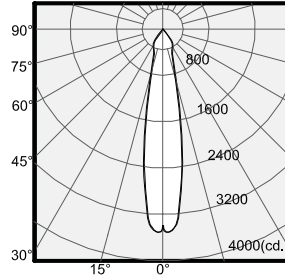


## Photometry & Energy Data

MODEL ZXL16(i)-WM-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

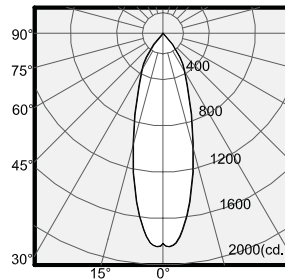
Center Beam (fc)	Beam Diameter	Distance
877	0.7'	2.0'
219	1.4'	4.0'
97	2.2'	6.0'
55	2.9'	8.0'
35	3.6'	10.0'

1/2 Beam Angle: 20.5°

MODEL ZXL16(i)-WM-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

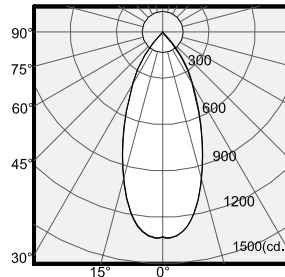
Center Beam (fc)	Beam Diameter	Distance
460	1.2'	2.0'
115	2.3'	4.0'
51	3.5'	6.0'
29	4.6'	8.0'
18	5.8'	10.0'

1/2 Beam Angle: 32.5°

MODEL ZXL16(i)-WM-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

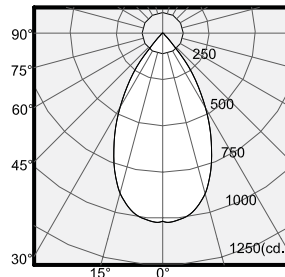
Center Beam (fc)	Beam Diameter	Distance
333	1.6'	2.0'
83	3.2'	4.0'
37	4.9'	6.0'
21	6.5'	8.0'
13	8.1'	10.0'

1/2 Beam Angle: 44.1°

MODEL ZXL16(i)-WM-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

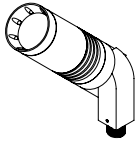
Wattage	Multiplier
5Watt	0.53
7Watt	0.83
10Watt	1.00
AMBER 10W	0.73

CCT Multiplier Table

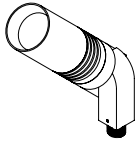
Color Temp.	Multiplier
2700K	0.97
3000K	1.00
4000K	1.05

## Product Options & Accessories

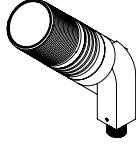
### Hood Options



**A-HOOD**  
Versatile hood with 8 weep holes for water drainage. Regressed lens for glare control. Suggested for general use or when fixture is aimed in an up position.



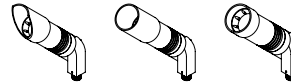
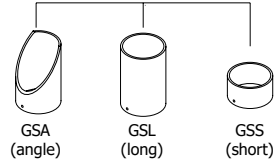
**B-HOOD**  
Similar to A hood but without weep holes. Regressed lens for glare control. Used in an interior or down light application.



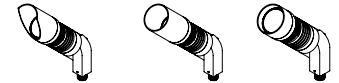
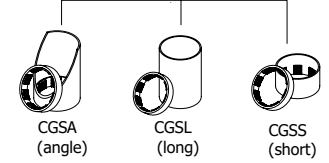
**C-HOOD**  
Flush hood with machined threading on the outside for attachment of C-style glare shield, cleverly designed with hidden drainage channels.

### Optional Glare Shield

For Use With A & B Hood  
Fastened With Set Screw

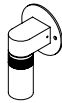


For Use With C Hood  
Fastened With Locking Ring

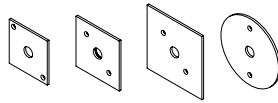


### Mounting Accessories

#### Canopy Plate:



Fixture On CM5

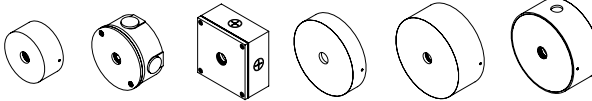


CM2 CM1 CM3 CM5

#### Surface Mount Box:

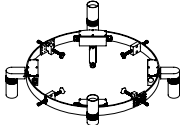


Fixture On CB5.1

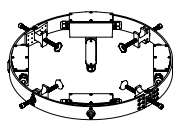


CB3.5 CB4.0 CB4.0-SQ CB5.1 CB5.5 CB5.5-K/O

#### Tree Mount:



Fixture On TS-SO-26



TS-SO

### Notes