

# ZXL16-WM2/ZXL16i-WM2

LED Wall Mount · ZX16 Series



## Product Features

- Up/Down wall sconce 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 of the up-light 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:** 5W x2, 7W x2, 10W x2 HK LED. 10W x2 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 MacAdam 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).

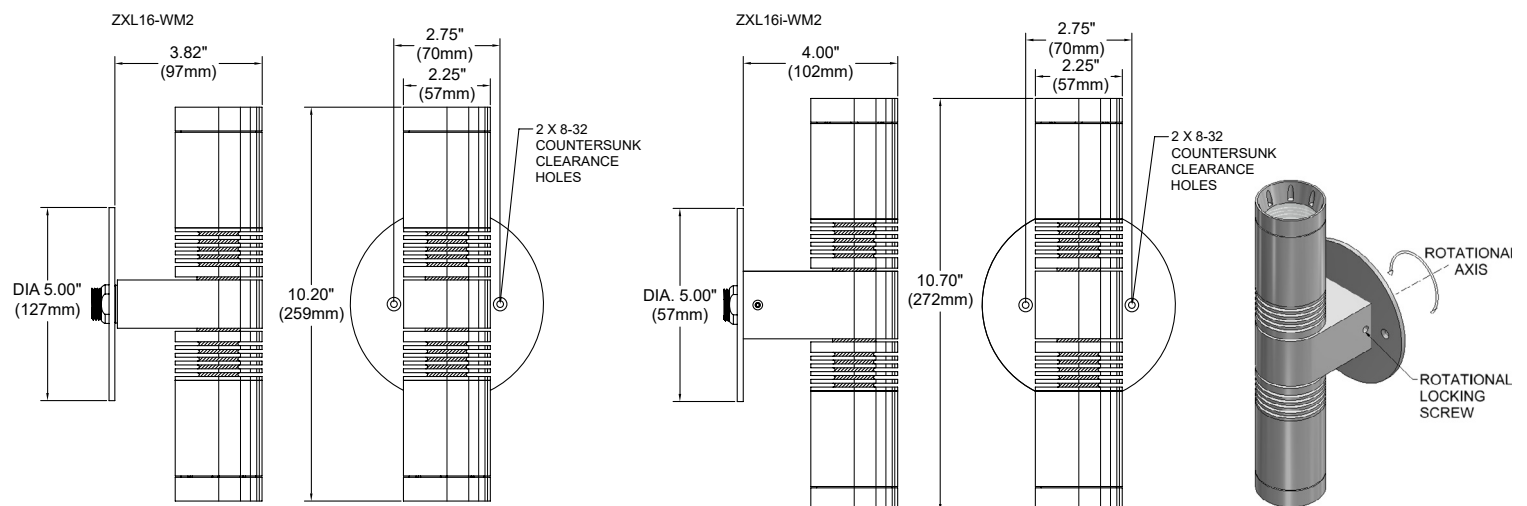
## Ordering Guide

EXAMPLE: ZXL16-WM2 - NF - A - GSL - 12 - 10 - 27 - 20 - BK - LVR - CM5  
ZXL16i-WM2 - F - B - GSL - UNV - 10 - 27 - 20 - BK - LVR - CM5

SERIES	MATERIAL	FINIS	HOOD	Optional GLARE SHIELD	VOLTAGE	WATTAGE	CCT	OPTICS	DIMMING	FINISH	Optional. Select Up To 3 OPTIC ACCESSORIES	Optional MOUNTING ACCESSORIES
ZXL16-WM2	BLANK Aluminum(Standard)	F With Fins	A A-HOOD	GSL	12 12V	5 5W x2	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		B B-HOOD	GSA		7 7W x2	30 3000K	33 33°		BZ Bronze Powder Coat	OSL Overall Spread Lens	
ZXL16i-WM2	NSS Natural Stainless Steel	NF No Fins		GSS	UNV (120-277V)	10 10W x2	40 4000K	44 44°	010 0-10V dimming @120-277V	WT White Powder Coat	LSL Linear Spread Lens	
*Line Voltage	CU Natural Copper		C C-HOOD	CGSL CGSA CGSS		AMB- 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.

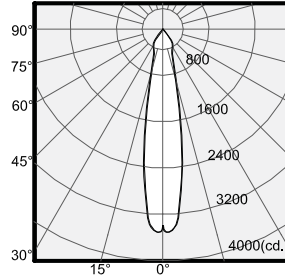


## Photometry & Energy Data (Per Head)

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

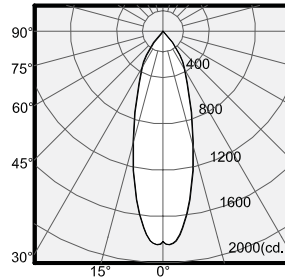
Center Beam (fc)	Beam Diameter	Distance
877	0.7'	2.0'
219	1.4'	4.0'
97	2.2'	6.0'
55	2.9'	8.0'
35	3.6'	10.0'

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

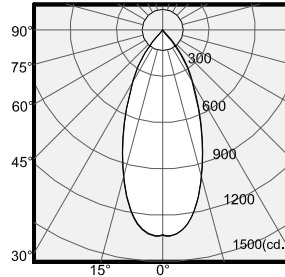
Center Beam (fc)	Beam Diameter	Distance
460	1.2'	2.0'
115	2.3'	4.0'
51	3.5'	6.0'
29	4.6'	8.0'
18	5.8'	10.0'

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

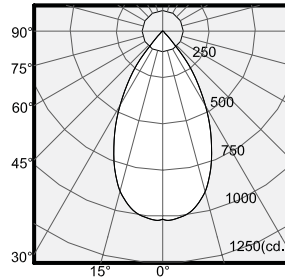
Center Beam (fc)	Beam Diameter	Distance
333	1.6'	2.0'
83	3.2'	4.0'
37	4.9'	6.0'
21	6.5'	8.0'
13	8.1'	10.0'

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

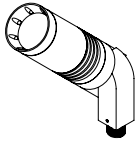
Wattage	Multiplier
5Watt	0.53
7Watt	0.83
10Watt	1.00
AMBER 10W	0.73

### CCT Multiplier Table

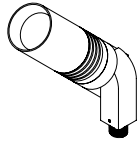
Color Temp.	Multiplier
2700K	0.97
3000K	1.00
4000K	1.05

## Product Options & Accessories

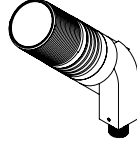
### Hood Options



**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

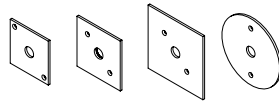


### Mounting Accessories

#### Canopy Plate:



Fixture On CM5



CM2

CM1

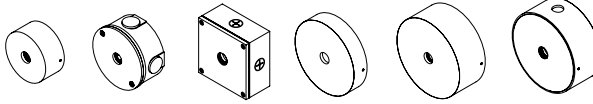
CM3

CM5

#### Surface Mount Box:



Fixture On CB5.1



CB3.5

CB4.0

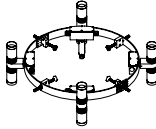
CB4.0-SQ

CB5.1

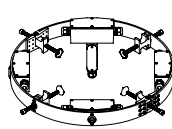
CB5.5

CB5.5-K/O

#### Tree Mount:



Fixture On TS-SO-26



TS-SO

### Notes