

ZXL16-WM-PVT

LED Wall Mount · ZX16 Series



Product Features

- Adjustable 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/DC. Requires remote step down 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: MLV or ELV depending on the transformer used.

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-PVT - A - GSL - 12 - 10 - 27 - 20 - BK - LVR - CM5

SERIES	MATERIAL	HOOD	OPTIONAL GLARE SHIELD	VOLTAGE	WATTAGE	CCT	OPTICS	FINISH	OPTIONAL, SELECT UP TO 3 OPTIC ACCESSORIES	OPTIONAL MOUNTING ACCESSORIES
ZXL16-WM-PVT				12V						
	BLANK Aluminum(Standard)	A A-HOOD	GSL		5 5W	27 2700K	20 20°	Standard	LVR Hexcel Louver	See page 3 for quick reference, or "Accessories" link for detailed specification.
	NBR Natural Brass	B B-HOOD	GSA		7 7W	30 3000K	33 33°	BK Black Powder Coat	OSL Overall Spread Lens	
	NSS Natural Stainless Steel		GSS		10 10W	40 4000K	44 44°	BZ Bronze Powder Coat	LSL Linear Spread Lens	
	CU Natural Copper	C C-HOOD			AMB 10W	AMBER	57 57°	WT White Powder Coat	SOL Solite Soft Focus	
								Premium	DF Dichroic Filter	
								ABK Anodized Black		
								ACL Anodized Clear		
								CC Custom Powder Coat		

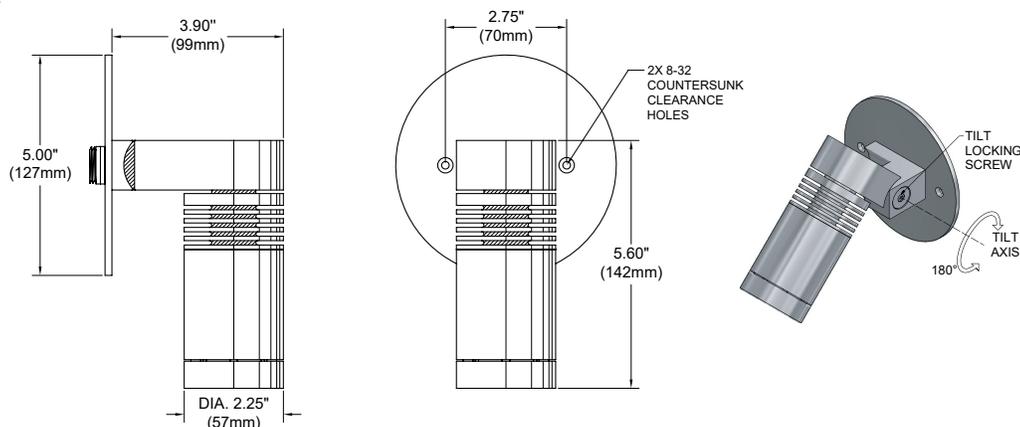
Remote Step Down Transformer (Optional).
See "Accessories" link for detailed specification.

Model	Wattage(VA)	Primary Voltage(VAC)	Secondary Volt(VAC)	Dimming Method	Characters
TXM	20 40 60 100 150 300	120 or 277	12	MLV	Outdoor, Wall Mount, Compact
TXS	150 300 600	120	Multi-tap of 12, 13, 14, 15 VAC	MLV	Outdoor, Wall mount, Stainless Steel Case
IGT	50(120V only) 100 300 600	120 or 277	12	MLV	in grade
TXE	60	120, 230, or 277	12	ELV	Needs Enclosure, 6ft working distance

Product Drawings

NOTE: Specification and dimensions subject to change without notice.

ZXL16-WM-PVT

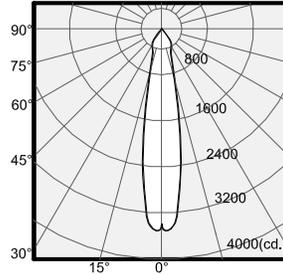


Photometry & Energy Data

MODEL **ZXL16-WM-PVT-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

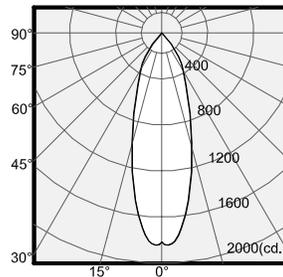
Center Beam (fc)	Beam Diameter	Distance
877	0.7'	2.0'
219	1.4'	4.0'
97	2.2'	6.0'
55	2.9'	8.0'
35	3.6'	10.0'

1/2 Beam Angle: 20.5°

MODEL **ZXL16-WM-PVT-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

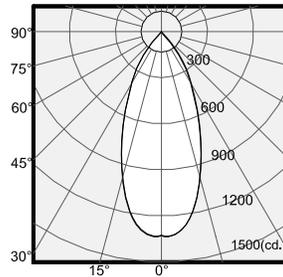
Center Beam (fc)	Beam Diameter	Distance
460	1.2'	2.0'
115	2.3'	4.0'
51	3.5'	6.0'
29	4.6'	8.0'
18	5.8'	10.0'

1/2 Beam Angle: 32.5°

MODEL **ZXL16-WM-PVT-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

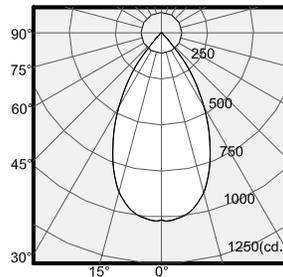
Center Beam (fc)	Beam Diameter	Distance
333	1.6'	2.0'
83	3.2'	4.0'
37	4.9'	6.0'
21	6.5'	8.0'
13	8.1'	10.0'

1/2 Beam Angle: 44.1°

MODEL **ZXL16-WM-PVT-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

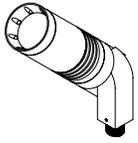
Wattage	Multiplier
5Watt	0.53
7Watt	0.77
10Watt	1.00
AMBER 10W	0.73

CCT Multiplier Table

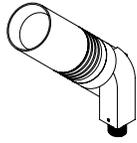
Color Temp.	Multiplier
2700K	0.97
3000K	1.00
4000K	1.05

Product Options & Accessories

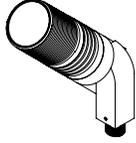
Hood Options



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



GSA
(angle)



GSL
(long)



GSS
(short)



For Use With C Hood
Fastened With Locking Ring



CGSA
(angle)



CGSL
(long)

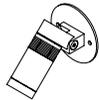


CGSS
(short)



Mounting Accessories

Canopy Plate:



Fixture On CM5



CM2



CM1

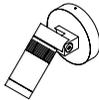


CM3



CM5

Surface Mount Box:



Fixture On CB5.1



CB3.5



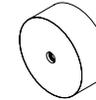
CB4.0



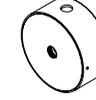
CB4.0-SQ



CB5.1



CB5.5



CB5.5-K/O

Notes