ZXL20i-WM2
LED Wall Mount . ZX20 Series

ETL LISTED | IP65

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.

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.

Voltage: Universal 120~277V AC with integral LED driver.

Wattage: 20W x2 Nichia LED, 16W x2 for Amber LED or 18W x2 Xicato LED

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. RGBW.

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: Standard with 0~10V dimming or 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).
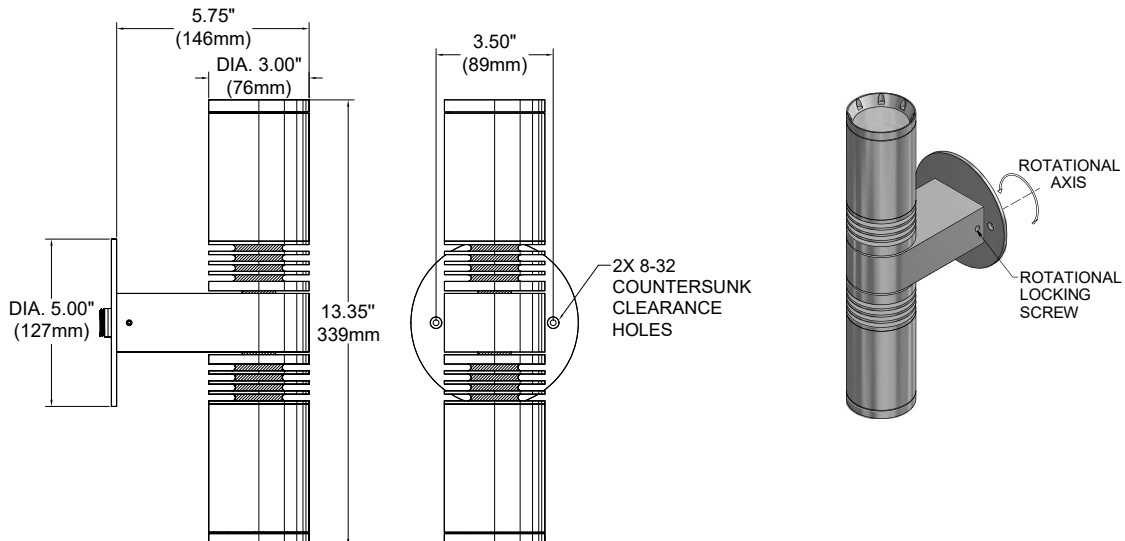
Ordering Guide

EXAMPLE: ZXL20i-WM2 - GSL - UNV - N20 - 27- 16 - BK - LVR - CM5

SERIES	MATERIAL	HOOD	OPTIONAL GLARE SHIELD	VOLTAGE	WATTAGE	CCT	OPTICS	FINISH	OPTIONAL, SELECT UP TO 3 OPTIC ACCESSORIES	OPTIONAL MOUNTING ACCESSORIES
ZXL20i-WM2	–	–	–	–	–		–		–	–
	BLANK Aluminum(Standard)	A A-HOOD	GSL	120V 120V (Phase Control)	N20 20W(x2)	27 2700K	16 16º	Standard	LVR Hexcel Louver	See page 3 for quick reference or "Accessories" link for detailed specification.
	NBR Natural Brass	B B-HOOD	GSA	UNV 120~277V (0-10V)	X18 18W(x2)	30 3000K	26 26º	BK Black Powder Coat	OSL Overall Spread Lens	
	NSS Natural Stainless Steel		GSS			40 4000K	60 60º	BZ Bronze Powder Coat	LSL Linear Spread Lens	
	CU Natural Copper	C C-HOOD	CGSL		AMB 16W(x2)	AMBER		WT White Powder Coat	SOL Solite Soft Focus	
			CGSA					Premium	DF Dichroic Filter	
			CGSS					ABK Anodized Black		
								ACL Anodized Clear		
								CC Custom Powder Coat		

Product Drawings

NOTE: Specification and dimensions subject to change without notice.

5.75" (146mm)

DIA. 3.00" (76mm)

3.50" (89mm)

DIA. 5.00" (127mm)

13.35" 339mm

2X 8-32 COUNTERSUNK CLEARANCE HOLES

ROTATIONAL AXIS

ROTATIONAL LOCKING SCREW

Photometry & Energy Data (Per Head)

MODEL — ZXL20i-WM-N20W-N

Input Power	20W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	16.1°
Max. Candlepower	12679cd
Delivered Lumens	1894lm
Efficacy	94lm/W

Polar Graph - Intensity
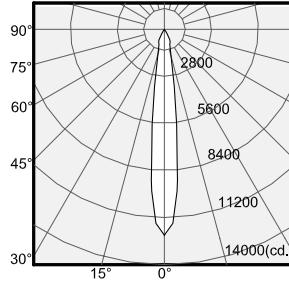
Cone of Light - Illuminance

Center Beam (fc)	Beam Diameter	Distance
3170	0.6'	2.0'
792	1.1'	4.0'
352	1.7'	6.0'
198	2.3'	8.0'
127	2.8'	10.0'

1/2 Beam Angle: 16.1°

MODEL — ZXL20i-WM-N20W-M

Input Power	20W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	25.5°
Max. Candlepower	6795cd
Delivered Lumen	1930lm
Efficacy	97lm/W

Polar Graph - Intensity
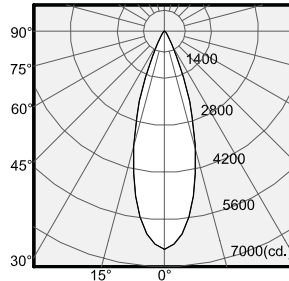
Cone of Light - Illuminance

Center Beam (fc)	Beam Diameter	Distance
1699	0.9'	2.0'
425	1.8'	4.0'
189	2.7'	6.0'
106	3.6'	8.0'
68	4.5'	10.0'

1/2 Beam Angle: 25.5°

MODEL — ZXL20i-WM-N20W-W

Input Power	20W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	60.1°
Max. Candlepower	2084cd
Delivered Lumen	1904lm
Efficacy	92lm/W

Polar Graph - Intensity
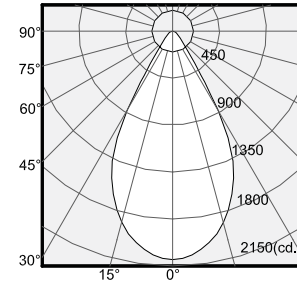
Cone of Light - Illuminance

Center Beam (fc)	Beam Diameter	Distance
522	2.3'	2.0'
131	4.6'	4.0'
58	6.9'	6.0'
33	9.3'	8.0'
21	11.6'	10.0'

1/2 Beam Angle: 60.1°

Multiplier Table for above data

Type	Wattage	Multiplier
N20	20Watt	1.00
X18	18Watt	0.72
AMBER	16Watt	Consult Factory

CCT Multiplier Table

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

Multiplier Table for IES Files (Taken from IES of ZXL20i-FIT-28W)
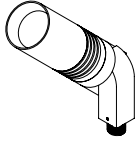
| Type	Multiplier
N20	0.71
X18	0.51
AMBER	0.36

Product Options & Accessories

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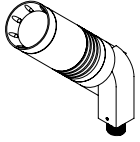
A-HOOD
Versatile hood with 8 weep holes for water drainage. Regressed lens for glare control. Suggested for general use or when fixture is aimed in an up position.

B-HOOD
Similar to A hood but without weep holes. Regressed lens for glare control. Used in an interior or down light application.
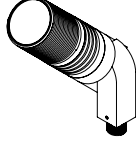
C-HOOD
Flush hood with machined threading on the outside for attachment of C-style glare shield, cleverly designed with hidden drainage channnels.

Optional Glare Shield

For Use With A & B Hood
Fastened With Set Screw

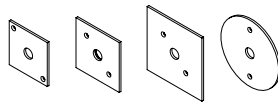For Use With C Hood
Fastened With Locking Ring

GSA (angle) GSL (long) GSS (short) CGSA (angle) CGSL (long) CGSS (short)
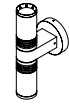
Mounting Accessories

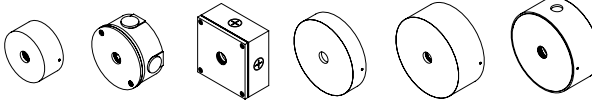Canopy Plate:
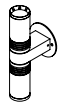
Fixture On CM5   CM2   CM1   CM3   CM5

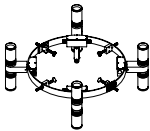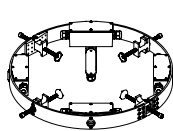Surface Mount Box:

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

Tree Mount:

Fixture On TS-SO-26   TS-SO

Notes