

# ZXL20i-WM-SQ

LED Wall Mount · ZX20 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.

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

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

**Wattage:** 20W, 28W Nichia LED, 16W for Amber LED or 18W 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. Please consult factory for DALI or DMX control.

**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).

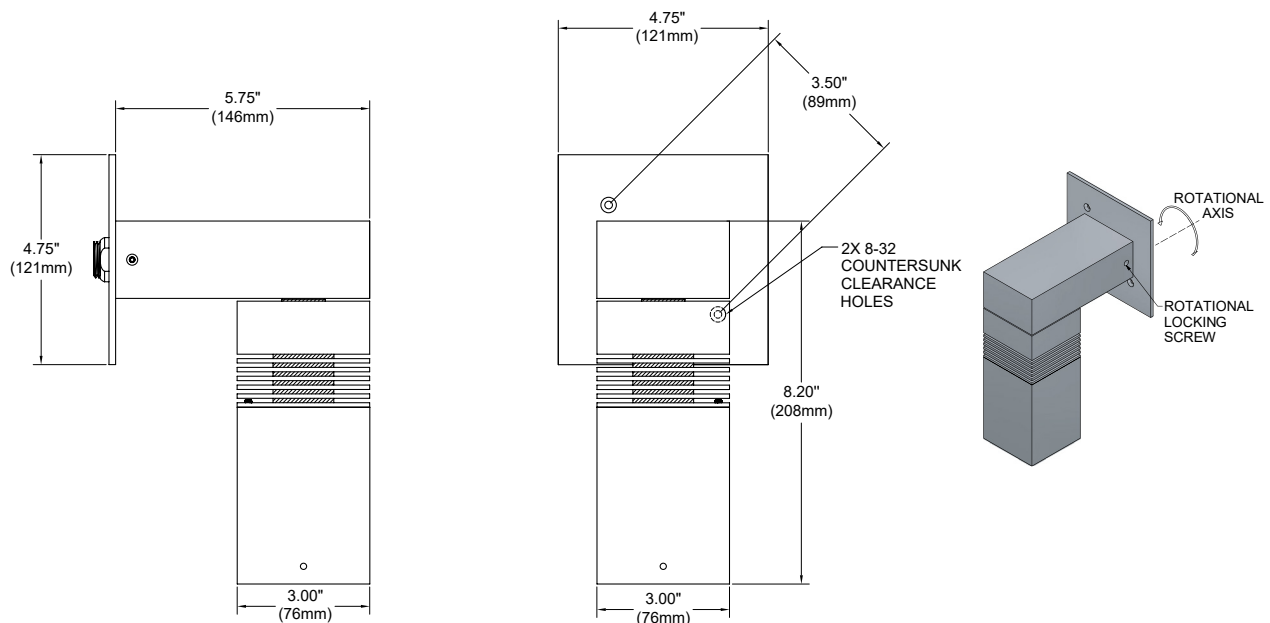
## Ordering Guide

EXAMPLE: ZXL20i-WM-SQ - GSL - N20 - 27 - UNV - 19 - PH - BK - LVR - CM3

SERIES	MATERIAL	OPTIONAL GLARE SHIELD	VOLTAGE	WATTAGE	CCT	OPTICS	DIMMING	FINISH	OPTIONAL SELECT UP TO 3 OPTIC ACCESSORIES	OPTIONAL MOUNTING ACCESSORIES
ZXL20i-WM-SQ	-	-	UNV	-	-	-	-	-	-	-
	BLANK Aluminum(Standard)	GSL	120~277V	N28 28W	27 2700K	16 16°	PH Phase Dimming	Standard	LVR Hexcel Louver	See page 3 for quick reference or "Accessories" link for detailed specification.
	NBR Natural Brass	GSA	UNIVERSAL	N20 20W	30 3000K	26 26°	@120V	BK Black Powder Coat	OSL Overall Spread Lens	
	NSS Natural Stainless Steel	GSS		X18 18W	40 4000K	60 60°	0-10V Dimming	BZ Bronze Powder Coat	LSL Linear Spread Lens	
	CU Natural Copper			AMB 16W	AMBER			WT White Powder Coat	SOL Solite Soft Focus	
								Premium	DF Dichroic Filter	
								ABK Anodized Black		
								ACL Anodized Clear		
								CC Custom Powder Coat		

## Product Drawings

NOTE: Specification and dimensions subject to change without notice.

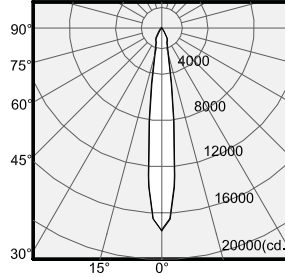


## Photometry & Energy Data

**MODEL** ZXL20i-WM-SQ-N28W-N

Input Power	28.2W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	16.1°
Max. Candlepower	17751cd
Delivered Lumens	2652lm
Efficacy	94lm/W

**Polar Graph - Intensity**



**Cone of Light - Illuminance**

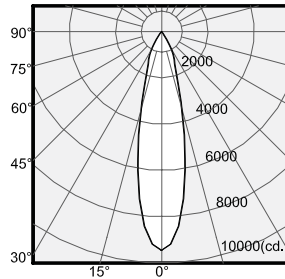
Center Beam (fc)	Beam Diameter	Distance
4438	0.6'	2.0'
1109	1.1'	4.0'
493	1.7'	6.0'
277	2.3'	8.0'
178	2.8'	10.0'

1/2 Beam Angle: 16.1°

**MODEL** ZXL20i-WM-SQ-N28W-M

Input Power	28.0W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	25.5°
Max. Candlepower	9513cd
Delivered Lumen	2702lm
Efficacy	97lm/W

**Polar Graph - Intensity**



**Cone of Light - Illuminance**

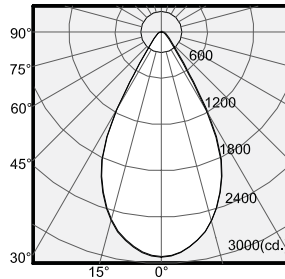
Center Beam (fc)	Beam Diameter	Distance
2378	0.9'	2.0'
595	1.8'	4.0'
264	2.7'	6.0'
149	3.6'	8.0'
95	4.5'	10.0'

1/2 Beam Angle: 25.5°

**MODEL** ZXL20i-WM-SQ-N28W-W

Input Power	29.0W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	60.1°
Max. Candlepower	2926cd
Delivered Lumen	2667lm
Efficacy	92lm/W

**Polar Graph - Intensity**



**Cone of Light - Illuminance**

Center Beam (fc)	Beam Diameter	Distance
731	2.3'	2.0'
183	4.6'	4.0'
81	6.9'	6.0'
46	9.3'	8.0'
29	11.6'	10.0'

1/2 Beam Angle: 60.1°

**Wattage Multiplier Table**

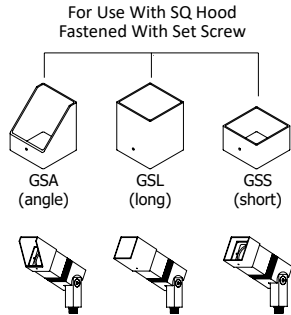
Type	Wattage	Multiplier
X18	18Watt	0.51
N20	21Watt	0.71
N28	28Watt	1.00
AMBER	16Watt	0.36

**CCT Multiplier Table**

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

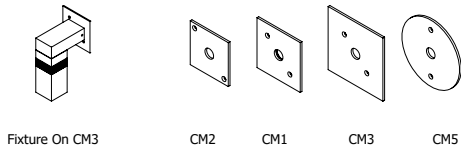
## Product Options & Accessories

### Optional Glare Shield

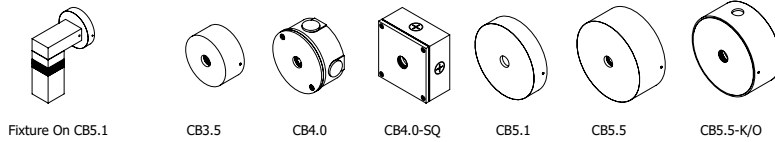


### Mounting Accessories

#### Canopy Plate:



#### Surface Mount Box:



### Notes