ZXL20i-WM
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.

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, 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.

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).
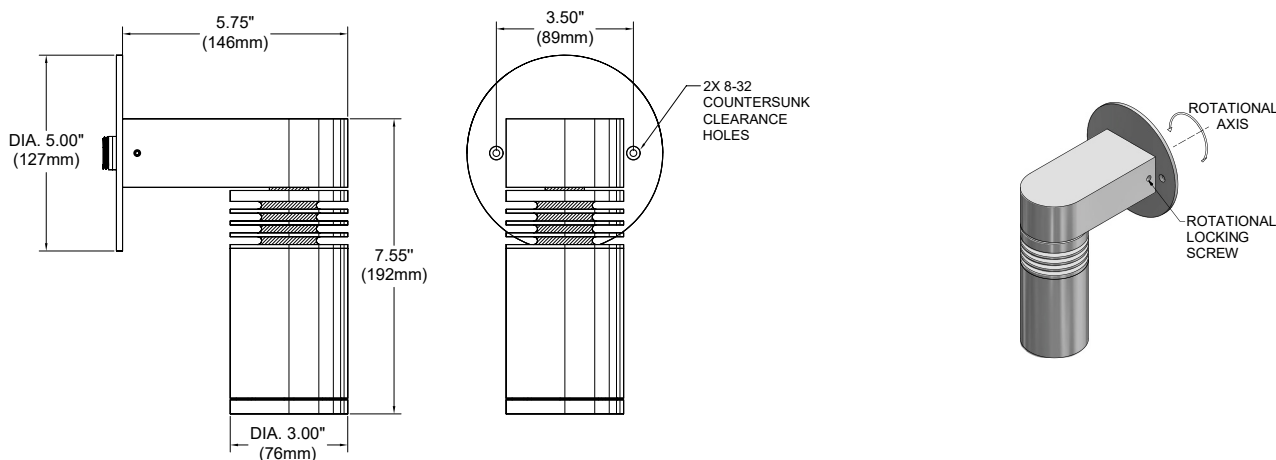
Ordering Guide

EXAMPLE: ZXL20i-WM - A - 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-WM	–	–	–	–	–	–	–	–	–	

MATERIAL
- BLANK — Aluminum (Standard)
- NBR — Natural Brass
- NSS — Natural Stainless Steel
- CU — Natural Copper

HOOD
- A — A-HOOD
- B — B-HOOD
- C — C-HOOD

OPTIONAL GLARE SHIELD
- GSL
- GSA
- GSS
- CGSL
- CGSA
- CGSS

VOLTAGE
- 120V — 120~277V (Phase Control)
- UNV — 120~277V (0-10V)

WATTAGE
- N28 — 28W
- N20 — 20W
- X18 — 18W
- AMB — 16W

CCT
- 27 — 2700K
- 30 — 3000K
- 40 — 4000K
- AMBER

OPTICS
- 16 — 16°
- 26 — 26°
- 60 — 60°

FINISH
Standard
- BK — Black Powder Coat
- BZ — Bronze Powder Coat
- WT — White Powder Coat
Premium
- ABK — Anodized Black
- ACL — Anodized Clear
- CC — Custom Powder Coat

OPTIC ACCESSORIES
- LVR — Hexcel Louver
- OSL — Overall Spread Lens
- LSL — Linear Spread Lens
- SOL — Solite Soft Focus
- DF — Dichroic Filter

MOUNTING ACCESSORIES
See page 3 for quick reference or "Accessories" link for detailed specification.

Product Drawings

NOTE: Specification and dimensions subject to change without notice.

5.75" (146mm)
DIA. 5.00" (127mm)
7.55" (192mm)
DIA. 3.00" (76mm)

3.50" (89mm)
2X 8-32 COUNTERSUNK CLEARANCE HOLES

ROTATIONAL AXIS
ROTATIONAL LOCKING SCREW

HK Lighting

Photometry & Energy Data

MODEL	ZXL20i-WM-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

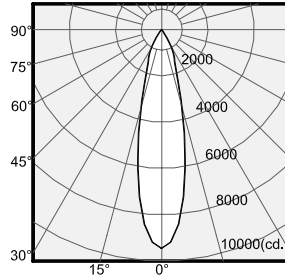### Polar Graph - Intensity
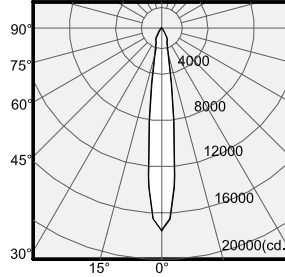
Cone of Light - Illuminance

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-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

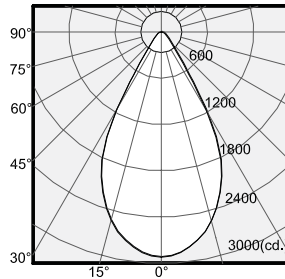### Polar Graph - Intensity

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-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 Mutiplier 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

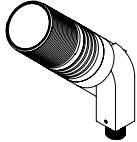## Product Options & Accessories

Hood Options
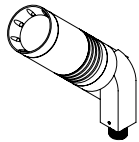
A-HOOD
Versatile hood with 8 weep holes for water drainage. Regressed lens for glare control. Suggested for general use or when fixture is aimed in an up position.
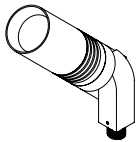
B-HOOD
Similar to A hood but without weep holes. Regressed lens for glare control. Used in an interior or down light application.
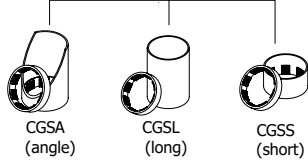
C-HOOD
Flush hood with machined threading on the outside for attachment of C-style glare shield, cleverly designed with hidden drainage channnels.

Optional Glare Shield
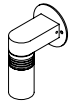
For Use With A & B Hood
Fastened With Set Screw

GSA (angle)   GSL (long)   GSS (short)
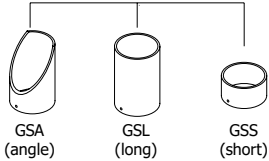
For Use With C Hood
Fastened With Locking Ring

CGSA (angle)   CGSL (long)   CGSS (short)

Mounting Accessories

Canopy Plate:

Fixture On CM5   CM2   CM1   CM3   CM5
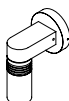
Surface Mount Box:

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

Notes