

# ZSL

FLEXIBLE LED POST TOP LUMINAIRE

PROJECT

DATE

TYPE

NOTES



REV: 11 2020



When Specifying Options, Please Check with Factory for Availability and Lead-Time. Any finish other than Paraflex bronze order is non-cancelable and non-returnable. Any modified product, any selected options added to standard products, deem order non-cancelable and non-returnable. All RMA, Return Material Authorization, must be factory approved.

### IP66 HEAVY-DUTY HOUSING

The ZSL is constructed with Die Cast Aluminum End-Caps and Individually sealed LED Modules to create a Heavy-Duty Housing

### FLEXIBLE LIGHT OUTPUT CONFIGURATIONS

Extensive offering of Wattage, Optics and CCT options allow the ZSL to meet a wide-range of project requirements

### EASY TO INSTALL MOUNTING HARDWARE

The ZSL comes standard with an Integral Slip Fitter engineered to be installed on a 2.375" Diameter Pole

### 120-277V STANDARD

### PRODUCT APPLICATIONS

- |              |                             |
|--------------|-----------------------------|
| Parking Lots | Plazas                      |
| Walkways     | Playgrounds                 |
| Streetscapes | Parks & Recreational Fields |

## ORDERING GUIDE

Sample Part # ZSL - 100W - 40K - 80D - BZ - PC - D1

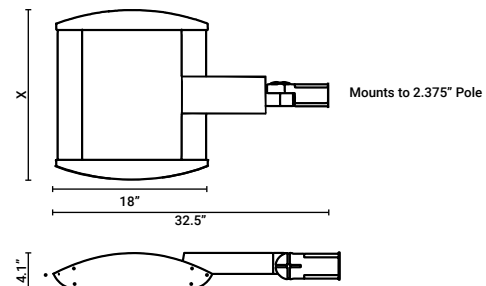
MODEL	WATTAGE	CCT	OPTICS	HOUSING COLOR	OPTIONS & ACCESSORIES
<b>ZSL</b>					
	<b>60W</b> 60 WATTS	<b>30K</b> 3000K - WARM WHITE	<b>T1</b> TYPE I	<b>BZ</b> BRONZE (STANDARD)	<b>PC</b> 3 PIN 120V-277V PHOTOCELL
	<b>100W</b> 100 WATTS	<b>40K</b> 4000K - NEUTRAL WHITE	<b>T2</b> TYPE II	<b>WH</b> WHITE	<b>MS1</b> MOTION SENSOR WITH DIMMING
	<b>120W</b> 120 WATTS	<b>50K</b> 5000K - COOL WHITE	<b>T3</b> TYPE III	<b>BL</b> BLACK	<b>MS2</b> MOTION SENSOR ON/OFF ONLY
	<b>150W</b> 150 WATTS	<b>57K</b> 5700K - DAYLIGHT	<b>T4</b> TYPE IV	<b>SL</b> SILVER	<b>D1</b> 0-10V DIMMING
	<b>200W</b> 200 WATTS		<b>20D</b> TYPE V - 20° BEAM ANGLE		<b>SGS</b> SIDE GLARE SHIELD SET (Factory Installed only)
	<b>250W</b> 250 WATTS		<b>40D</b> TYPE V - 40° BEAM ANGLE		<b>FBGS</b> FRONT & BACK GLARE SHIELD (Factory Installed only)
	<b>300W</b> 300 WATTS		<b>80D</b> TYPE V - 80° BEAM ANGLE		<b>WG</b> PROTECTIVE WIRE GUARD
			<b>170D</b> TYPE V - 170° BEAM ANGLE		<b>EM</b> EMERGENCY BATTERY BACKUP
					<b>NC1</b> NETWORK CONTROLS FOR ZIGBEE
					<b>V1*</b> 480/347V INPUT (120-277V STANDARD)
					*NOT AVAILABLE WITH A PHOTOCELL, EM OR MOTION SENSOR

## PRODUCT SPECIFICATIONS

WATTAGE	DELIVERED LUMENS	EFFICACY	MODULES	X WIDTH
60W	7,380 LM	123 LM/W	2	10.7"
100W	12,300 LM	123 LM/W	3	13.5"
120W	14,760 LM	123 LM/W	4	16.3"
150W	18,450 LM	123 LM/W	5	19.1"
200W	24,600 LM	123 LM/W	6	21.9"
250W	30,750 LM	123 LM/W	7	24.7"
300W	36,900 LM	123 LM/W	8	27.5"

Notes  
Lumen Data shown for 5000K and 80° Beam Angle

## PRODUCT DIMENSIONS



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### PRODUCT SPECIFICATIONS (CONT.)

#### IP66 HOUSING

Body is comprised of heavy duty die cast end caps with extruded aluminum sides connecting them. As the fixture increases in wattage, the extruded portions become longer to accommodate additional LED modules. The driver is housed inside one of the end caps. Since the LED modules and driver are all individually sealed, the entire fixture is vented to improve thermal dissipation. A 6' 18/3 power supply cord is standard on all models.

#### IP66 OPTICS

The LED modules are individually sealed, with each board mounted directly to a heat-sink and lens

#### LENS CONSTRUCTION

The lens is made of molded acrylic and also acts as the primary optic for the fixture

#### DIMENSIONS

Fixed size for the end caps, variable size depending on wattage (number of modules) for the extruded sides

#### FINISH

Exterior rated powder coat. Available in standard Bronze, Silver, White, Black, or in a Custom Color

#### WARRANTY

10-Year Limited Warranty

#### LEDS

Nichia High-Power LEDs

#### DRIVER

Meanwell HLG Series Driver mounted with screws onto a raised rib casting within the luminaire end-caps; Contact factory for specifications.

#### EMERGENCY BATTERY BACKUP

Optional EM Battery Backup available on some configurations. Contact Factory for details.

#### MOTION SENSOR

Motion Sensor On/Off & Motion sensor with dimming (Bi-Level Dimming) available as options.

#### VOLTAGE

120-277V Input Standard, 347V/480V Input Available. THD <20% Power Factor >90%

#### DIMMING

0-10V Dimmable Driver is available as an option.

#### CONTROLS

Zigbee Connectivity is Available as an Option

#### OPERATING TEMPERATURE

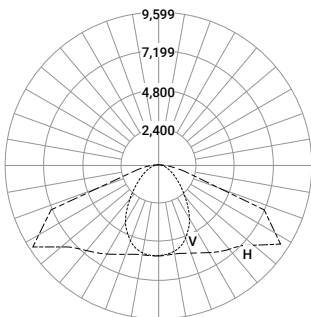
-20C to 40C.

#### LUMEN MAINTENANCE

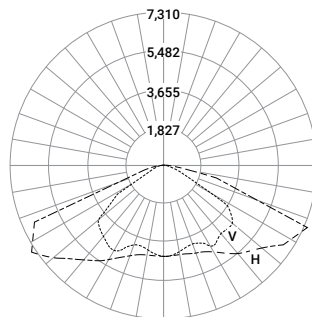
L70 Rating of over 150,000 Hours up to 40C

### PHOTOMETRICS / AXIAL DIAGRAMS: 150W-40K

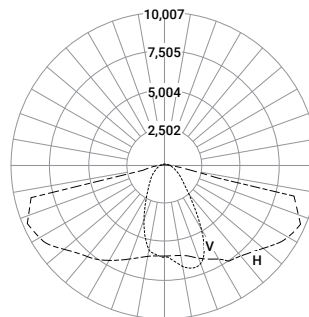
V: Front View  
H: Side View



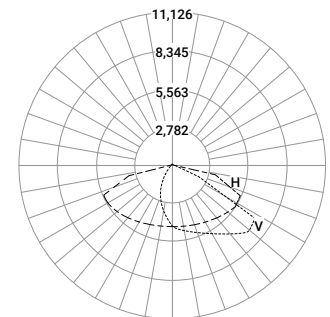
T1 - IES TYPE I DISTRIBUTION



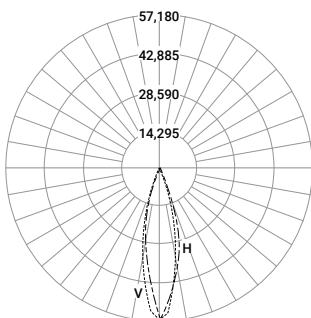
T2 - IES TYPE II DISTRIBUTION



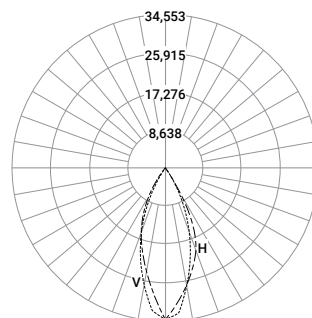
T3 - IES TYPE III DISTRIBUTION



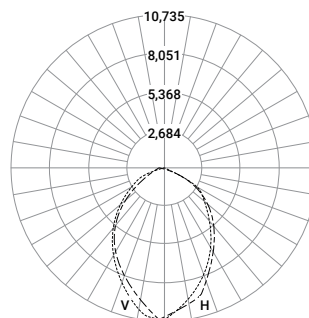
T4 - IES TYPE IV DISTRIBUTION



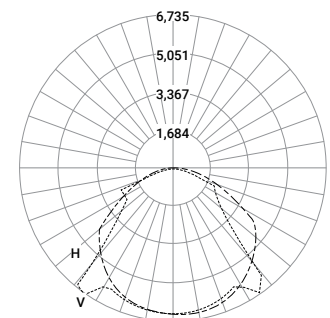
20D - IES TYPE V DISTRIBUTION - 20° BEAM ANGLE



40D - IES TYPE V DISTRIBUTION - 40° BEAM ANGLE



80D - IES TYPE V DISTRIBUTION - 80° BEAM ANGLE



170D - IES TYPE V DISTRIBUTION - 170° BEAM ANGLE

FOR ADDITIONAL INFORMATION PLEASE DOWNLOAD IES FILES FROM WEBSITE

Please check with factory for availability and lead-time.

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REV: 02 2020

## HORIZONTAL TENON POLE FITTERS



180° TWIN HORIZONTAL 2 3/8" TENON FOR SQUARE POLES

4" - 2HT180D4  
5" - 2HT180D5



90° TWIN HORIZONTAL 2 3/8" TENON FOR SQUARE POLES

4" - 2HT90D4  
5" - 2HT90D5



90° TRIPLE HORIZONTAL 2 3/8" TENON FOR SQUARE POLES

4" - 3HT90D4



90° QUAD HORIZONTAL 2 3/8" TENON FOR SQUARE POLES

4" - 4HT90D4  
5" - 4HT90D5

## BULL HORNS



180° DOUBLE BULLHORN 2 3/8" TENON

4" & 5" - 2BH180D



180° TRIPLE BULLHORN 2 3/8" TENON

4" & 5" - 3BH180D



180° QUAD BULLHORN 2 3/8" TENON

4" - 4BH180D



180° TWIN VERTICAL 2 3/8" TENON FOR SQUARE POLES

4" - 2VT4  
5" - 2VT5



180° TRIPLE VERTICAL 2 3/8" TENON FOR SQUARE POLES

4" - 3VT4  
5" - 3VT5



180° QUAD VERTICAL 2 3/8" TENON FOR SQUARE POLES

4" - 4VT1804



90° QUAD VERTICAL 2 3/8" TENON FOR SQUARE POLES

4" - 4VT904  
5" - 4VT905

## WALL MOUNTING BRACKETS



WALL MOUNT BRACKET

4" & 5" - 1WMB



WALL MOUNT 90° BRACKET

4" & 5" - 1WMB90D

## VERTICAL TENON POLE TOP FITTERS



SINGLE VERTICAL 2 3/8" TENON FOR SQUARE POLES

4" - 1VT4  
5" - 1VT5

## ROUND POLE ADAPTERS



ROUND POLE ADAPTER

RPA01



ROUND POLE CLAMP

RPC01