

# ZCL

FLEXIBLE LED CANOPY & GARAGE LUMINAIRE

PROJECT

DATE

TYPE

NOTES



REV: 18 0728



### HEAVY-DUTY, IP-66 RATED HOUSING

The ZCL 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 ZCL to meet a wide-range of project requirements

### EASY TO INSTALL MOUNTING HARDWARE

The ZCL comes standard with a Removable Bracket engineered to be installed within a variety of Surface Mounting Applications

### 120-277V STANDARD

### PRODUCT APPLICATIONS

- |                 |                    |
|-----------------|--------------------|
| Building Canopy | Gas Stations       |
| Parking Garages | Catwalks           |
| Tunnels         | Storage Facilities |
| Bridges         | Concourses         |

When Specifying Options, Please Check with Factory for Availability and Lead-Time.

## ORDERING GUIDE

Sample Part # ZCL - 100W - 40K - BZ - PC1 - D1

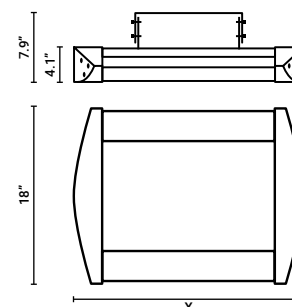
MODEL	WATTAGE	COLOR TEMPERATURE (CCT)	OPTICS	HOUSING COLOR	OPTIONS & ACCESSORIES
ZCL					
	60W	30K 3000K - WARM WHITE	T1 TYPE I	BZ BRONZE (STANDARD)	PC1 120V PHOTOCELL
	100W	40K 4000K - NEUTRAL WHITE	T2 TYPE II	WH WHITE	PC2 208/277V PHOTOCELL
	120W	50K 5000K - COOL WHITE	T3 TYPE III	BL BLACK	MS MOTION SENSOR
	150W	57K 5700K - DAYLIGHT	T4 TYPE IV	SL SILVER	D1 0-10V DIMMING
	200W		20D TYPE V - 20° BEAM ANGLE		D2 STEP DIMMING
	250W		40D TYPE V - 40° BEAM ANGLE		NC1 NETWORK CONTROLS FOR ZIGBEE
	300W		80D TYPE V - 80° BEAM ANGLE		HS HOUSE-SIDE SHIELD
			170D TYPE V - 170° BEAM ANGLE		WG PROTECTIVE WIRE GUARD
					EM EMERGENCY DRIVER
					V1* 480/347V INPUT (120-277V STANDARD)
					*NOT AVAILABLE WITH A PHOTOCELL 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	28,450 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  
Specifications Determined at 5000K and 80° Beam Angle

## PRODUCT DIMENSIONS



## HOUSING CONSTRUCTION

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.

## LED MODULES

The LED modules are individually IP-66 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

Standard 5-Year Warranty

## LEDS

Nichia High-Power LEDs

## DRIVER

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

## EM DRIVER

Optional EM Driver mounted with screws onto a raised rib casting within the luminaire's end-caps. Optional EM provides 45W of output to produce 5400 lumens for a minimum of 90 minutes. Contact factory for questions or alternate EM performance/output options.

## VOLTAGE

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

## DIMMING

0-10V and Step Dimming is available as an option. Step dimming is standard 50%

## CONTROLS

Zigbee Connectivity is Available as an Option

## OPERATING TEMPERATURE

-20C to 40C. Cold Weather Operation Available, Consult Factory

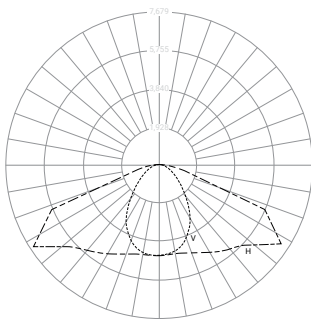
## LUMEN MAINTENANCE

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

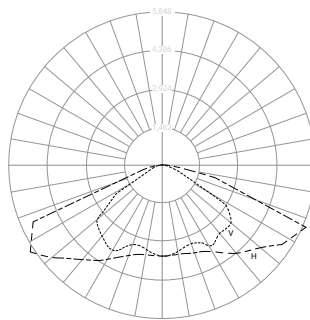
## PHOTOMETRICS / AXIAL DIAGRAMS: 60W - 40K

V: Front View - H: Side View

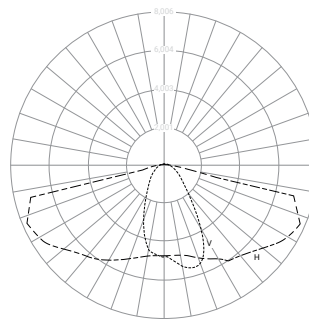
FOR ADDITIONAL INFORMATION PLEASE DOWNLOAD IES FILES FROM WEBSITE



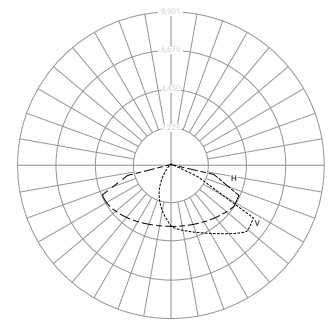
**T1**  
IES TYPE I DISTRIBUTION



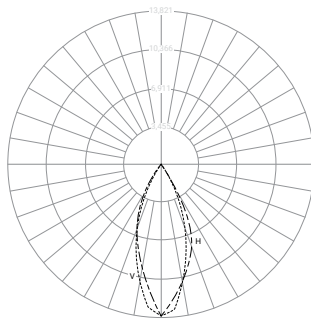
**T2**  
IES TYPE II DISTRIBUTION



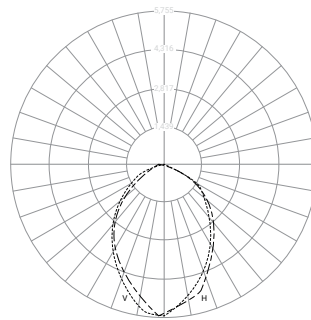
**T3**  
IES TYPE III DISTRIBUTION



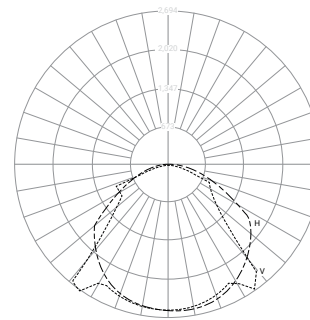
**T4**  
IES TYPE IV DISTRIBUTION



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



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



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