

## Performance Summary

- High efficiency LED with a 50,000 hours life span
- 120° Beam Angle
- Aluminum die-casting heat sink for optimal heat dissipation
- No RF interference, No IR/UV radiation, or mercury pollution
- Circuit design. Every LED works independently to avoid fixture failure.
- High efficiency LED Driver, with 100-277VAC Input Voltage

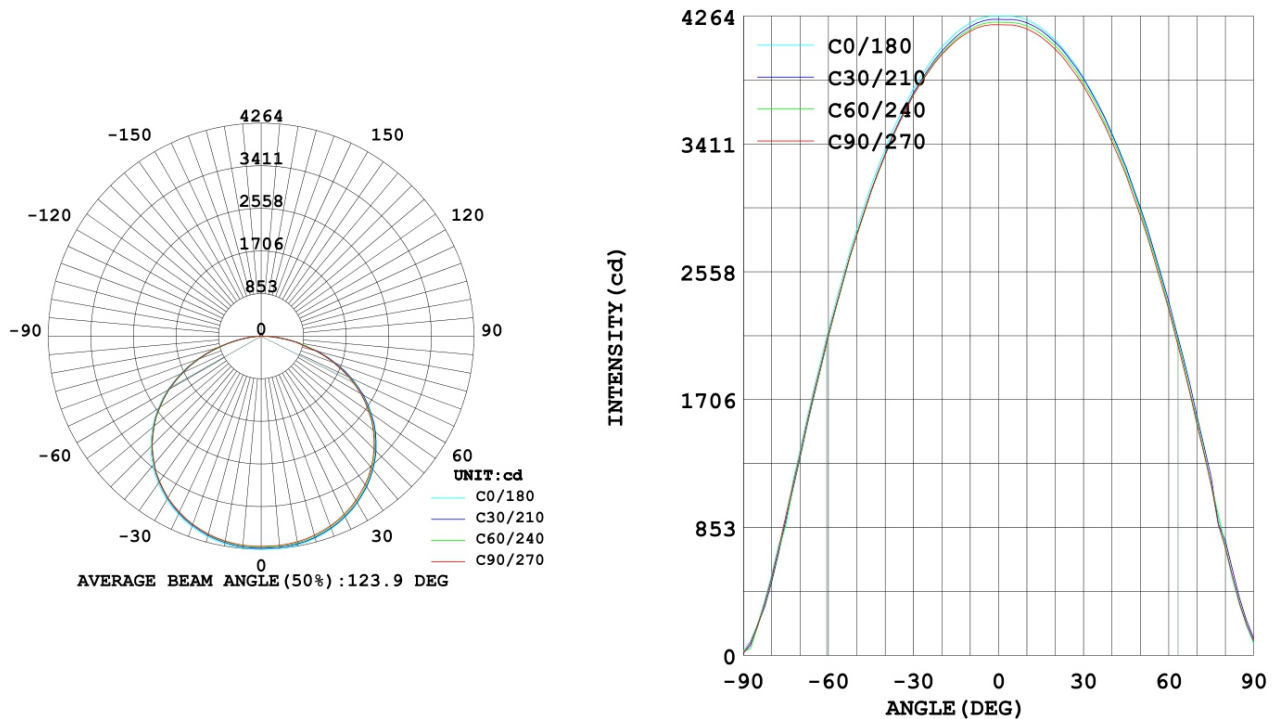


## Recommended Applications

Endless LED Circular lighting series can be widely used for exterior roadway lighting, parking areas, airports, streetscapes, campuses, etc.

Product Code:	EDCAL-XXXW277-XK			
Rated Power	30W	50W	75W	100W
Luminous Flux	3600lm	6000lm	9000lm	12000lm
Replacement	HPS 100W	HPS 175W	HPS 200W	HPS 300W
Input Voltage	100-277VAC / 50-60Hz			
Lumen Efficiency	120lm/w			
CRI	85			
PF	>0.95			
IP	67			
Beam Angle	120°			
Light Source	SMD LED			
Dimming	Optional			
Sensor	Microwave sensor / Photocell (Optional)			
Driver	UL listed power supply			
Color	2700K SM / 3000K WW / 4100K NW / 5000K DW / 5700K CW			
Housing Color	Black (standard) / Bronze or White (optional)			
Operating Temp.	-40°C - 45°C			
Life Span	50,000 hours at 25°C			

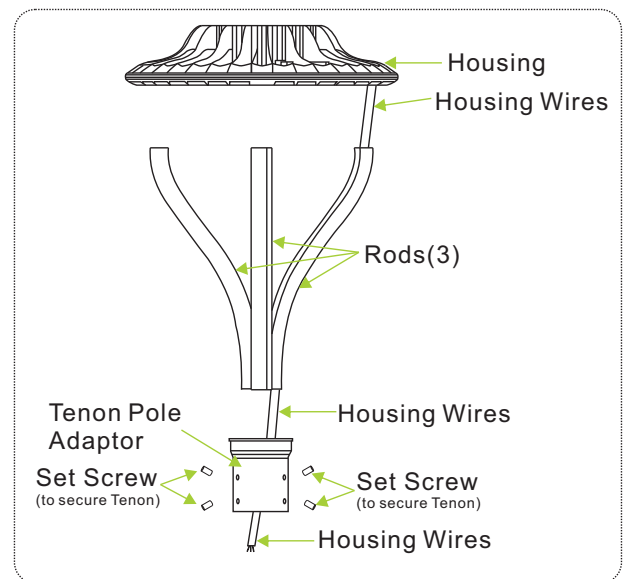
## Luminous Intensity Distribution



## Installation

### Fixture Assembly

- Step1:** Feed the three housing wires through one of the three Rods.
- Step2:** Insert the three Rods onto the Housing. Make sure the Housing clips are properly engaged onto the Rods.
- Step3:** Feed fixture wires through the Tenon Pole Adaptor.
- Step4:** Slide Tenon Pole Adaptor on three Rods. Make sure the notches face the inside of the Tenon Pole Adaptor.
- Step5:** Tighten the three Set Screws at the Tenon Pole Adaptor to secure Rods

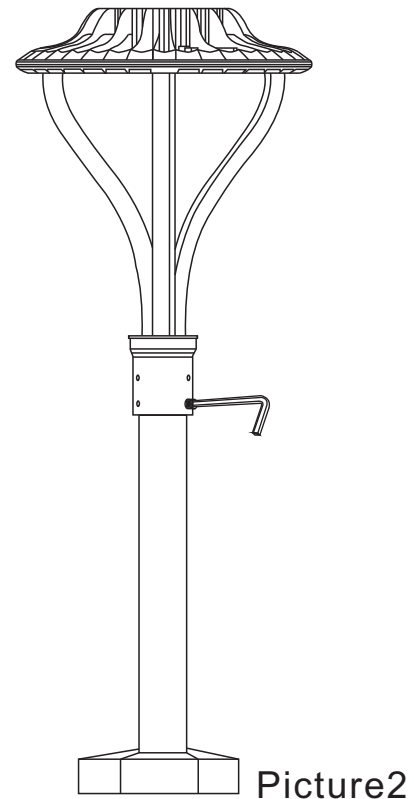
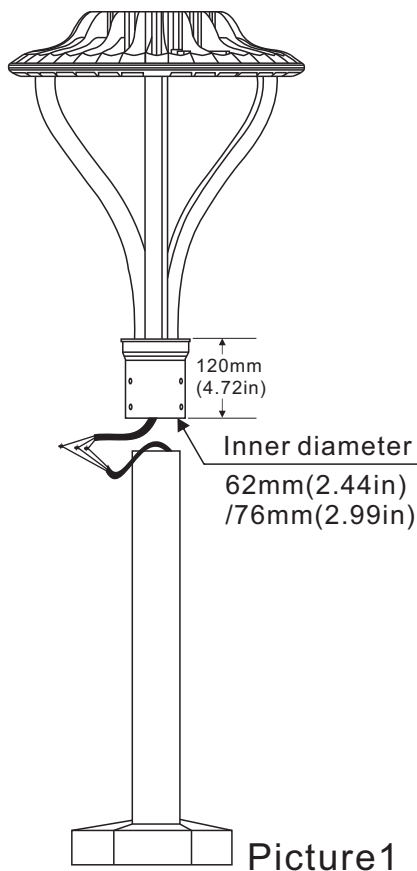


**Step1:** Turn off the power before installation

**Step2:** Connect the wiring according to the diagram below and install lamp onto the top of the pole (figure1)

**Step3:** Fasten the four screws into the pole with a hex wrench (figure2)

## Pole Mounted



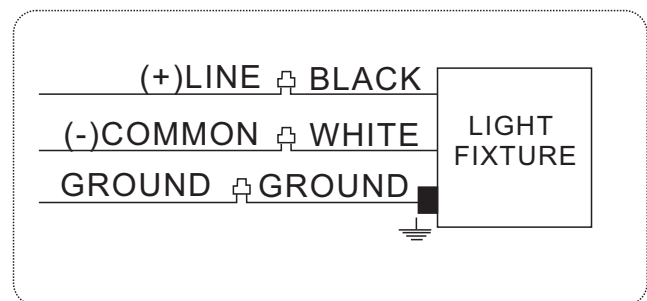
## Wiring

Universal voltage driver permits operation at 100-277VAC, 50/60Hz

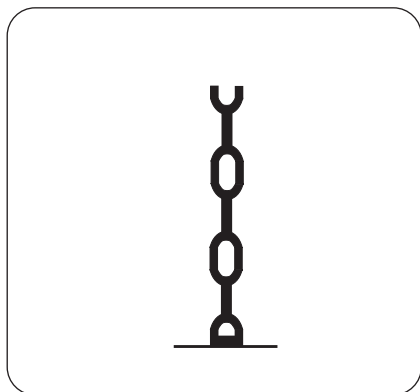
**Step1:** Connect the black fixture lead to the (+) Line supply lead

**Step2:** Connect the white fixture lead to the (-) COMMON supply lead

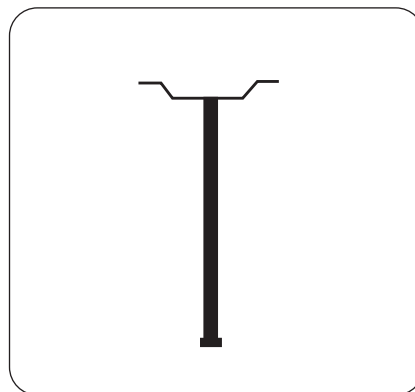
**Step3:** Connect the green ground wire from fixture to supply ground



## Accessories



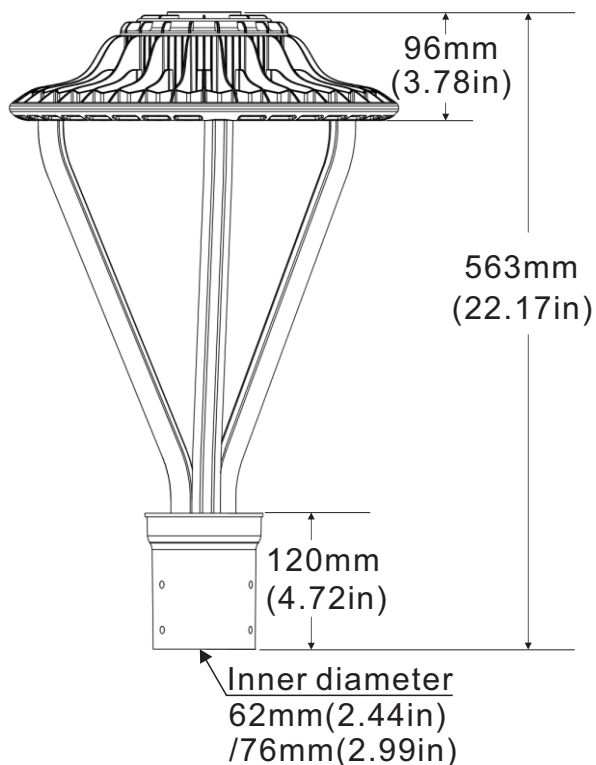
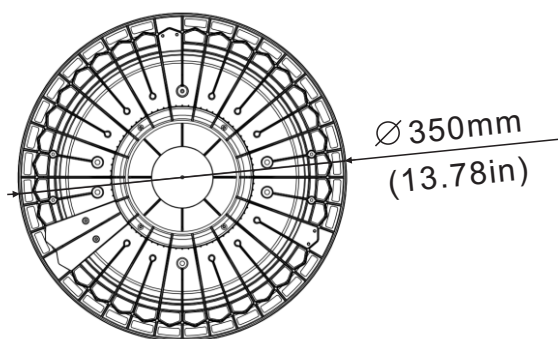
Model:Hanging chain



Model:Hanger rod

## Dimensions

Fixture Dimensions (mm)	Net Weight	Units/Carton	Carton Dimension (mm)	Carton Weight
Φ350x563	6.0kg / 13.23lbs	1	430x365x190	7.5kg / 16.53lbs



\* If the customer does not specify otherwise, the inner diameter defaults to 62mm (2.44in).

## Ordering Guide

ED	/	CAL	/	30W/50W/75W/100W	/	277	/	3K/4K/5K	/
Company Code		Fixture Type		Wattage		Voltage		Color	

### Example - EDCAL-75W277-3K

Company	Product	Wattage	Voltage	Color
ED Energy Dynamics	CAL Circular Area Light	30W - 30watts 50W - 50watts 75W - 75watts 100W - 100watts	277 100-277VAC	3K - 3000K 4K - 4000K 5K - 5000K

## Notice For Users

- These fixtures must be installed by a licensed electrician.
- Turn off power before installing or changing fixture and or assembly parts.
- The facility input voltage has to be within the same range as the line voltage of the fixture.

## Warranty

This product has a warranty period of 5 years from date of purchase. The warranty is invalid in case of improper use, improper installation, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the National Electric Code. Should this product fail during warranty period, it will be replaced free of charge, subject to return of the faulty unit. Energy Dynamics does not accept responsibility for any installation costs associated with the replacement of the product. Energy Dynamics reserve the right to alter specification without prior notice. Energy Dynamics is not responsible to pay the freight for replacement units.