

# 150W Sencora Series | LED Post Top Light



## PRODUCT DESCRIPTION

The new Fully Tunable gorgeous Sencora series sets the tone for your entire business! Clean, Elegant and Powerful meets state of the art LED technology! Dark Sky Compliant and LED efficiency in a Modern Design.!

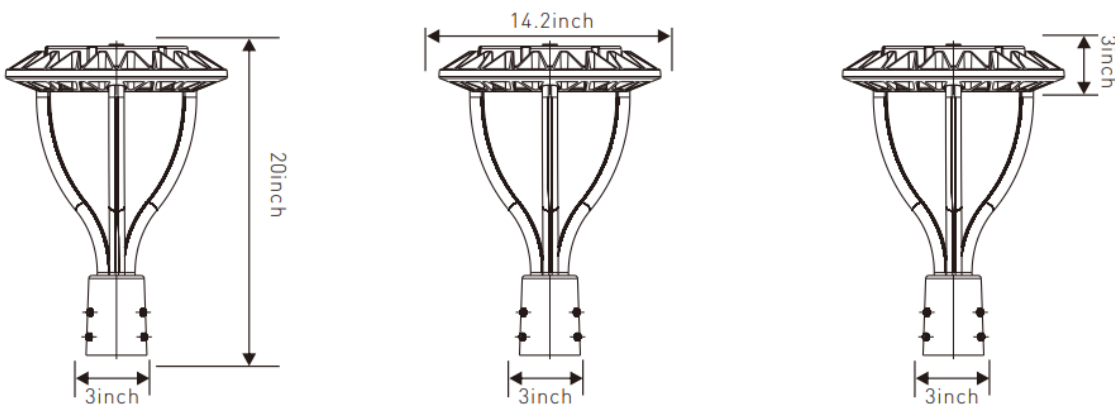


Part #: RGL-SENCORA-150W

## PRODUCT FEATURES & COMMON USE APPLICATIONS

- ✓ Lumileds Chip, high CRI.
- ✓ Input voltage 120-277Vac
- ✓ No UV or IR in the beam
- ✓ Easy to install and operate
- ✓ Energy saving, long lifespan
- ✓ Instant start, NO flickering, NO humming
- ✓ Green and eco-friendly without mercury
- ✓ Output constant current lever can be adjusted through output cable with 0-10V.
- ✓ City Slow lane, Narrow Lane
- ✓ Residential Area, Plaza
- ✓ Building, The Hotel.
- ✓ Sightseeing Area, Village Road and so on

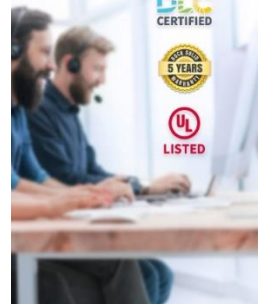
## PRODUCT DIMENSIONS



### LEGENDARY USA SUPPORT



US based phone and online customer support



Rugged Grade Lighting  
Industrial Grade Solutions



888-953-2476  
sales@ruggedgrade.com

## PRODUCT TECHNICAL SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance: $\pm 10\%$ )	80/100/120/150 Watts (Wattage Adjustable)
	Color Temperature	3000K/4000K/5000K (Color Selectable)
	Lumen (Tolerance: -10%)	24,000 LM
	Efficacy (Tolerance: -3%)	160 LM/W
	CRI	>80
	Color Consistency	< 7 Steps (or < 7 SDCM)
	Distribution Pattern	Type V
	Beam Angle (50%) (Tolerance: $\pm 15\%$ )	120 degree
	Input Voltage and Frequency	120-277VAC, 50/60Hz
<b>ELECTRICAL</b>	PF (Tolerance: -3%)	$\geq 0.9$
	THD (Tolerance: +5%)	$\leq 20\%$
	Flicker Percent	<30%
	Driver Brand	RG
	Driver Model	RG-150W-120v
	Driver Surge protection	L/N-PE: 4kV, L-N 6kV
	Dimming	0-10V dimming standard
	Optional Accessory	NA
	LED Brand	RG BRAND
<b>MATERIALS</b>	LED Type	NA
	LED QTY	NA
	Housing	Die-cast aluminum
	Housing Color	Black,
	Waterproof Rating	WET (IP65)
	Operating Temperature	-20°C TO 45°C
	Storage Temperature	-40°C TO 80°C
<b>OTHERS</b>	Operating Humidity	5% - 95% RH
	Storage Humidity	5% - 95% RH
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C.

## PRODUCT ACCESORIES



## INSTALLATION INSTRUCTIONS

1. Find the power cord hole [Figure 1]
2. The threading rod corresponds to the hole to thread the power cord [Figure 2]
3. Twist the corresponding screw into the corresponding lever arm and tighten it. [Figure 3]
4. Loosen the handle screw and connect the corresponding LN Gwire to make it waterproof. [Figure 4]
5. The lever arm is inserted into the pole and the screw is fastened. [Figure 5]

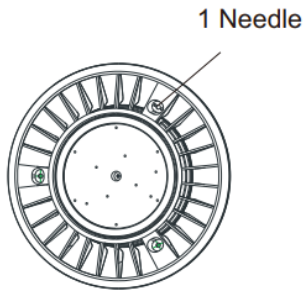


Figure 1

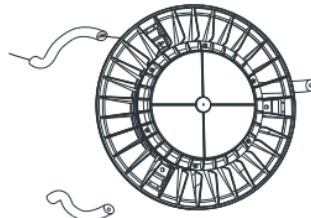


Figure 2

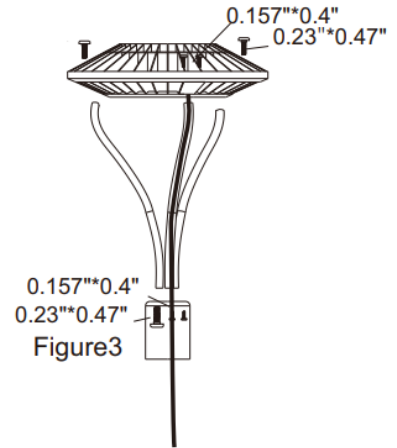


Figure 3

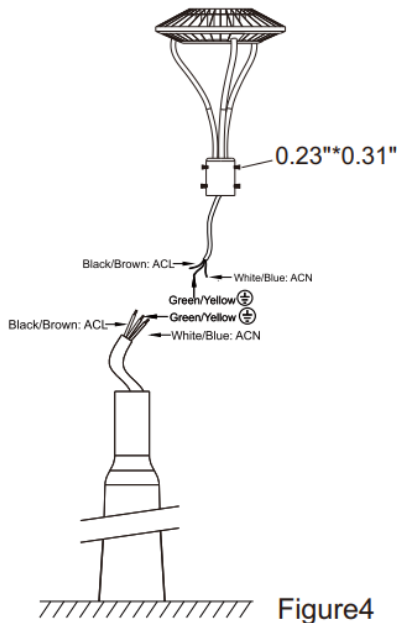


Figure 4

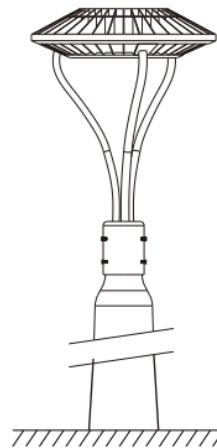
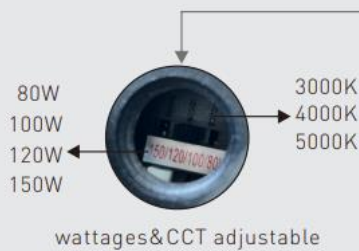


Figure 5

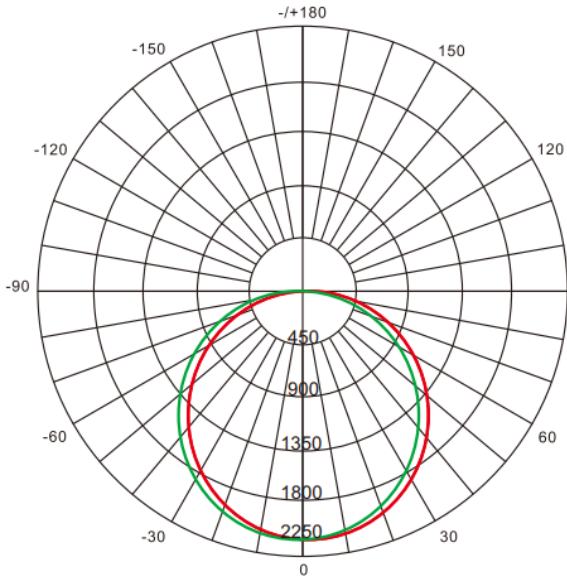
## CCT & Watt Tunable and Photocell Options



Open Photocell cap, Start Photocell control function



## PHOTOMETRICS

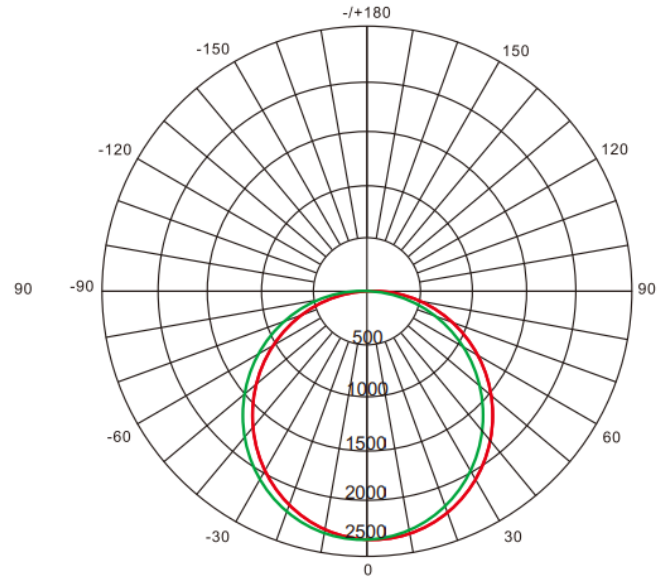


AVERAGE BEAM ANGLE(50%): 108°

UNIT:CD

- C0/180,113.7
- C30/210,100.1
- C60/240,108.6
- C90/270,130.9

Lumens:10400LM  
 Test Number:80W  
 Test Number:5000K

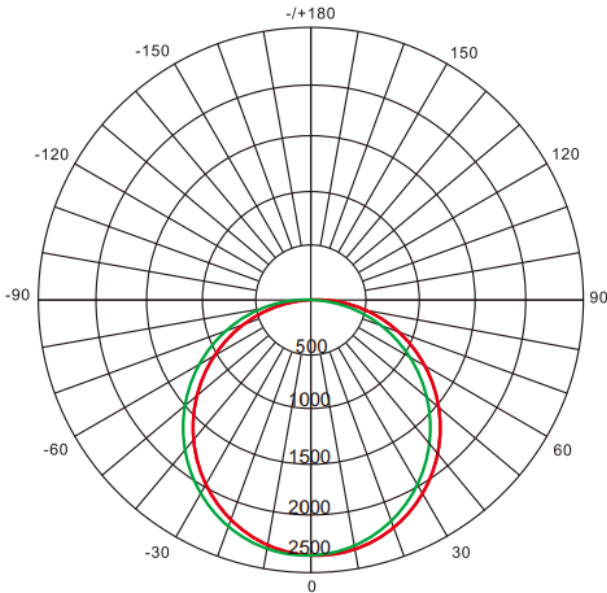


AVERAGE BEAM ANGLE(50%): 108°

UNIT:CD

- C0/180,113.7
- C30/210,100.1
- C60/240,108.6
- C90/270,130.9

Lumens:13000LM  
 Test Number:100W  
 Test Number:5000K

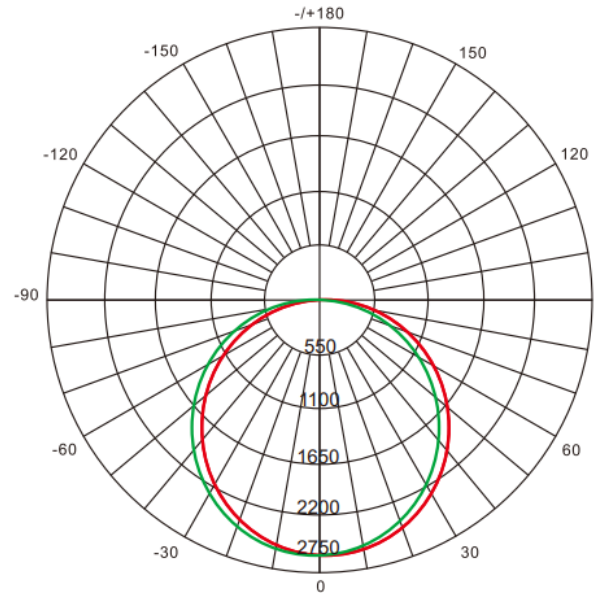


AVERAGE BEAM ANGLE(50%): 108°

UNIT:CD

- C0/180,113.7
- C30/210,100.1
- C60/240,108.6
- C90/270,130.9

Lumens:15600LM  
 Test Number:120W  
 Test Number:5000K



AVERAGE BEAM ANGLE(50%): 108°

UNIT:CD

- C0/180,113.7
- C30/210,100.1
- C60/240,108.6
- C90/270,130.9

Lumens:19500LM  
 Test Number:150W  
 Test Number:5000K



PRODUCT WARNINGS

- ⚡ Please turn off power before install or change assembly parts.
- ⚡ The input voltage and lamps should be matched, after connecting the power line.
- ⚡ Please make sure the wiring section is insulated.
- ⚡ Professionals must install and disassemble the lamps.
- ⚡ Surge is the number 1 cause of LED light failure. Outdoor lights must have surge at fixture, pole, and breaker.
- ⚡ Surge is the number 1 cause of LED light failure. Indoor lights must have surge at fixture and breaker.

PRODUCT TROUBLESHOOTING

Issue	Check points
Light Flickers	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. Lights with photocells can have photocell tag from ambient light or light reflecting at the sensor. Simply cover the photocell completely and see if flickering continues while the photocell is covered. Call Tech Support for help if none of the above solves the issue.
Light does not work at all.	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. If input voltage is not in the voltage range of the fixture, you will need to find the source of your input voltage issue. Call Tech Support for help if none of the above solves the issue.

For more technical information, install questions, troubleshooting help or warranty claims, we have a dedicated US Tech and Customer Support Team to help solve any issues you have and can be reached by email or phone. If you need help with any of our products, we are here for you so that you are never in the dark!



**BETTER LIGHTS.  
BETTER SUPPORT.**



CERTIFIED



LISTED





US based  
phone and online  
customer support



ROCK SOLID  
5 YEARS  
WARRANTY