

# 40W ZENOT III | FULLY TUNABLE LED 4FT LIGHT



## PRODUCT DESCRIPTION

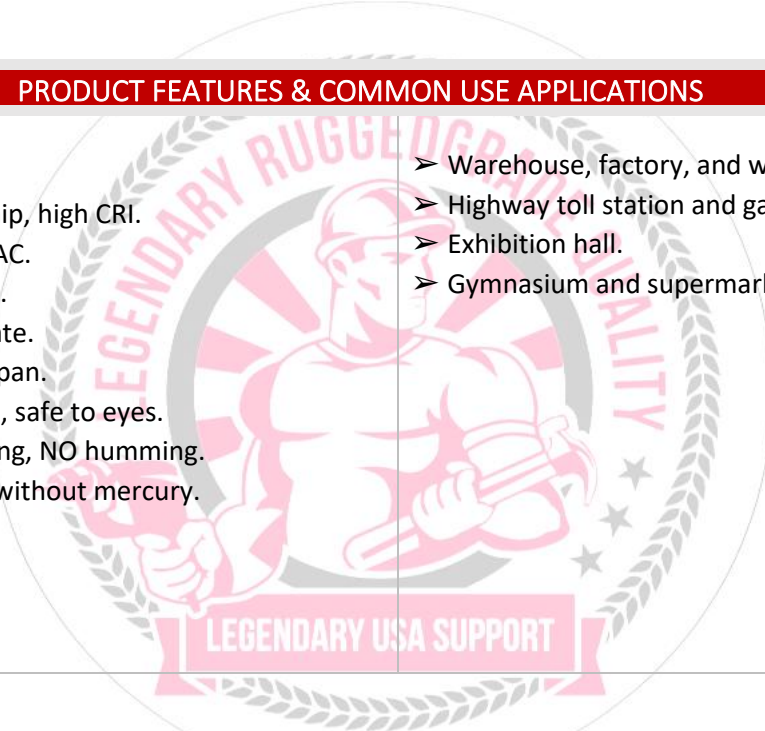
Our new Zenot Series fixture is back and better than ever with fully tunable technology! Now wattage and color selectable this light is full customizable to fit your lighting needs.



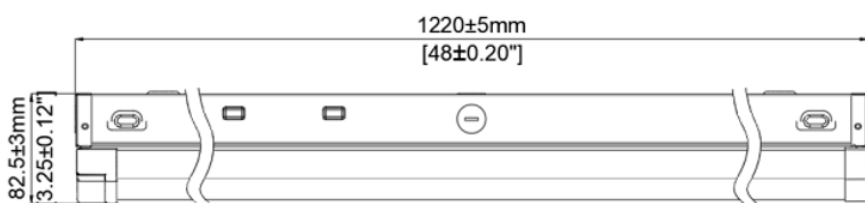
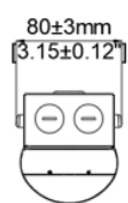
## #: RGL-40W-ZENOT-III

## PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL cUL DLC certificate.
- Lumileds or Samsung Chip, high CRI.
- Input voltage 120-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.
- Warehouse, factory, and workshops.
- Highway toll station and gas station.
- Exhibition hall.
- Gymnasium and supermarkets, etc



## PRODUCT DIMENSIONS



### LEGENDARY USA SUPPORT

- US based phone and online customer support
- DLC CERTIFIED
- 5 YEARS WARRANTY
- UL LISTED

Rugged Grade Lighting  
Industrial Grade Solutions



888-953-2476  
sales@ruggedgrade.com



## PRODUCT TECHNICAL SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	40W (Wattage Adjustable: 40W/30W/20W)		
	Color Temperature	3000K	4000K	5000K
	Lumen (Tolerance : -10%)	5360LM	5880LM	5560LM
	Efficacy (Tolerance : -3%)	134LM/W	147LM/W	139LM/W
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	Diffuser Type	PC Lens (Round)		
	Beam Angle (50%) (Tolerance :	120 Degree		
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Driver Efficacy	<90%		
	Driver Brand	FOSEN		
	Driver Model	FS-TMF046B0320TWCP-12V		
	Driver Surge protection	L/N-PE: 2kV, L-N: 1kV		
	Dimming	0-10V dimming standard		
	Optional Accessory	DC Motion Microwave sensor, AC/DC Motion PIR sensor, Emergency Power Supply(9W/90min)		
<b>MATERIALS</b>	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	336PCS		
	Housing	IRON		
	Housing Color	White, or Customized		
	Waterproof Rating	DAMP (IP20)		
<b>OTHERS</b>	Operating Temperature	With out Sensor and Emergency Power Supply: -20°C TO 50°C With Sensor: -20°C TO 50°C With Emergency Power Supply: 0°C TO 40°C		
	Storage Temperature	-20°C TO 80°C		
	Operating Humidity	20% - 90% RH		
	Storage Humidity	10% - 95% RH		
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at		

## PRODUCT MOUNTS & ACCESSORIES



PRODUCT IMAGES & ACTUAL INSTALLATIONS





## PHOTOMETRICS

### Luminaire Property

Luminaire Manufacturer:

Voltage: 120.1 V

Power: 42.50 W

Current: 0.356 A

Power Factor: 0.993

### Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 5794.6 lm

Downward Ratio: 87%

Horizontal Diffuse Angle(10%,50%): H254.4,H141.4

Vertical Diffuse Angle(10%,50%): V157.9,V104.3

Luminaire Efficacy Rating (LER): 136.39

Max. Intensity: 1501.68 cd

S/MH(C0/C180): 1.33

Total Rated Lamp Lumens: 5794.6 lm

Efficiency: 100%

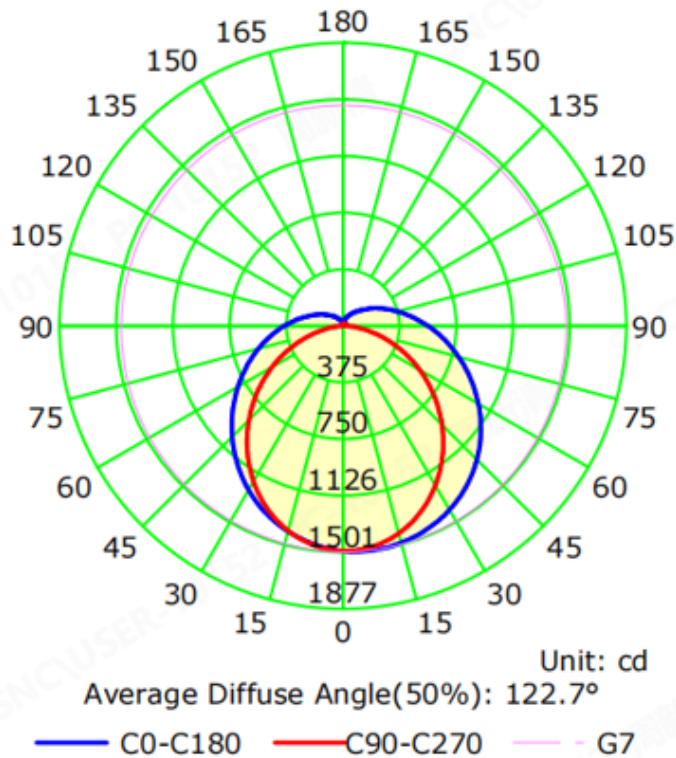
Upward Ratio: 13%

Central Intensity: 1491.57 cd

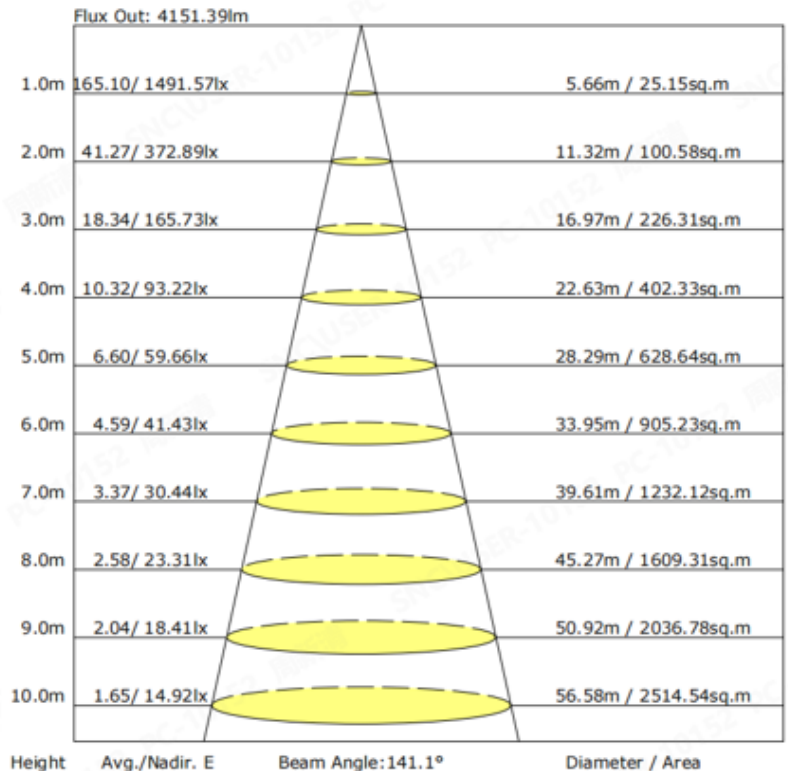
Pos of Max. Intensity: H0 V7

S/MH(C90/C270): 1.20

Luminous Intensity Distribution Curve

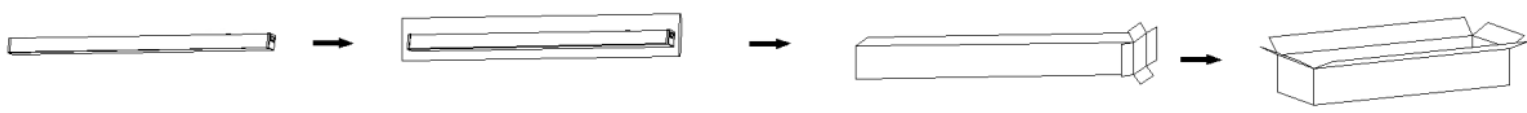


The Average Illuminance Effective Figure



## PRODUCT PACKAGING

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	1230*90*80MM[48.42*3.54*3.15inch]	1 PC	1.6 KG[3.53LBS]	1.85 KG[4.08LBS]
Outer box	1250*260*200MM[49.21*10.24*7.84inch]	6 PCS	9.6 KG[21.16LBS]	13 KG[28.66LBS]



## 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.

