



PRODUCT DESCRIPTION

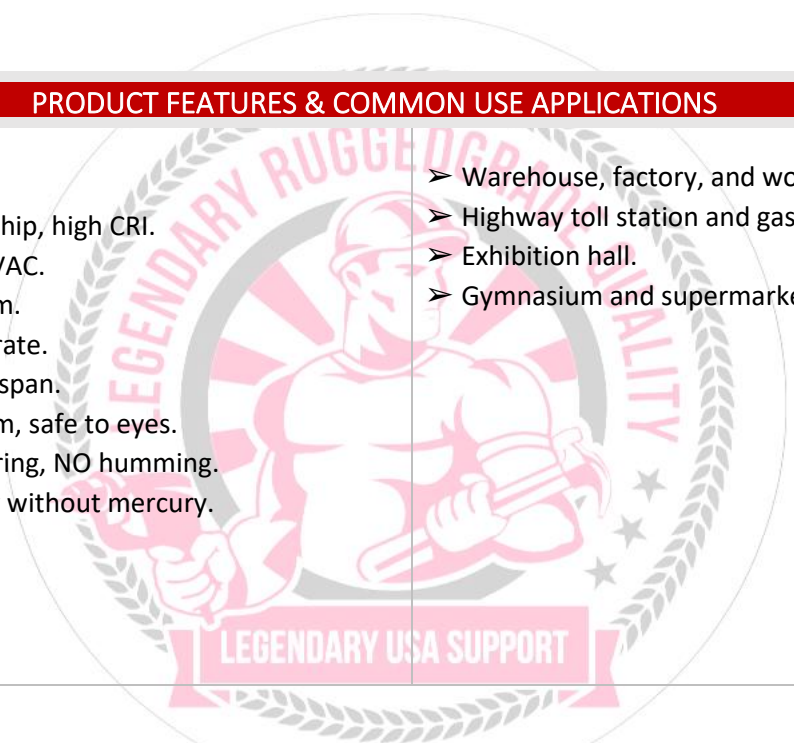
Our new Strip Light Series fixture is back and better than ever with fully tunable technology! Now wattage and color selectable this light is full customizable to fit your lighting needs.



#: RGL-80W-STRIP-TT

PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL cUL 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

74.5±3mm
(2.93±0.12")

1220±5mm
(48.03±0.2")



82.5±3mm
(3.25±0.12")



LEGENDARY USA SUPPORT



US based phone and online customer support





PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	80W (Wattage Adjustable: 80W/65W/50W)				
	Color Temperature	3000K	3500K	4000K	5000K	6500K
	Lumen (Tolerance : -10%)	8760LM	8760LM	10220LM	9490LM	9490LM
	Efficacy (Tolerance : -3%)	130LM/W	130LM/W	140LM/W	130LM/W	130LM/W
	CRI	>80				
	Color Consistency	<7 Steps (or <7 SDCM)				
	Diffuser Type	PC Lens (Round)				
	Beam Angle (50%) (Tolerance :	130 Degree				
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥0.9				
	THD (Tolerance : +5%)	≤20%				
	Driver Efficacy	<90%				
	Driver Brand	Rugged Grade				
	Driver Model	RG-80W-120V-TT				
	Driver Surge protection	DM: 4KV, CM: 4KV				
	Dimming	0-10V dimming standard				
	Optional Accessory	DC Motion Microwave sensor, AC Motion PIR sensor, Wire guard, Emergency Power Supply(8W/90min)				
MATERIALS	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	576PCS				
	Housing	IRON				
	Housing Color	White, or Customized				
	Waterproof Rating	DAMP (IP20)				
OTHERS	Operating Temperature	With out Sensor and Emergency Power Supply: -35°C TO 45°C With Sensor: -20°C TO 45°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

LIGHT DISTRIBUTION TESTING PARAMETERS <3000K>

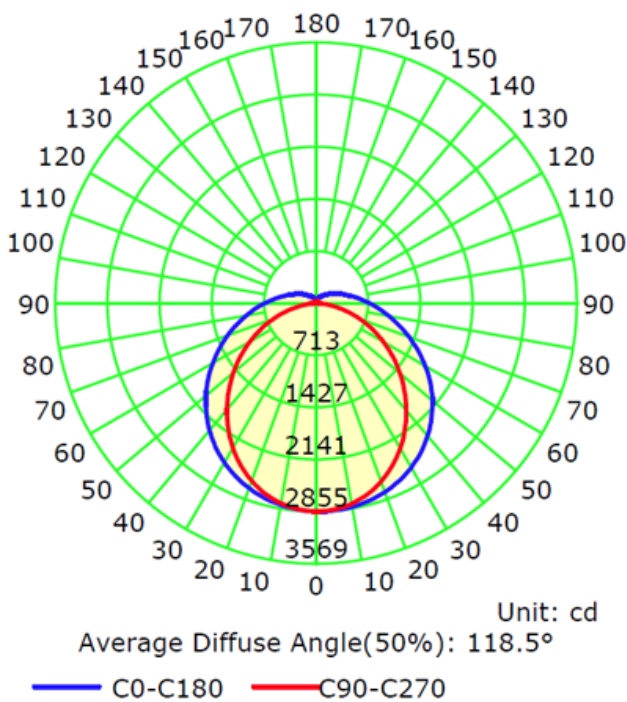
Luminaire Property

Luminaire Manufacturer:	Luminaire Description:
Luminaire Category:	Lamp Description:
Lamp Catalog:	Lumens per Lamp:
Number of Lamps:	Luminous Width (mm): 73
Luminous Length (mm): 1220	Voltage: 120.0 V
Luminous Height (mm): 42	Power: 73.70 W
Current: 0.616 A	
Power Factor: 0.997	

Photometric Results

IES Classification: Type II	Longitudinal Classification: Very Short
Total Rated Lamp Lumens: 10303.3 lm	Measurement Flux: 10303.3 lm
Efficiency: 100%	Downward Ratio: 89%
Upward Ratio: 11%	Luminaire Efficacy Rating (LER): 139.85
C0r0 Intensity: 2850.5 cd	Max. Intensity: 2855.22 cd
Pos of Max. Intensity: H22.5 V3	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 133.9, 103.0, 117.6, 118.2	

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure

Flux Out: 7402.21lm

Height	Avg./Nadir. E	Beam Angle: 133.9°	Diameter / Area
1.0m	426.46/ 2850.50lx		4.70m / 17.36sq.m
2.0m	106.61/ 712.63lx		9.40m / 69.43sq.m
3.0m	47.38/ 316.72lx		14.10m / 156.22sq.m
4.0m	26.65/ 178.16lx		18.80m / 277.72sq.m
5.0m	17.06/ 114.02lx		23.51m / 433.94sq.m
6.0m	11.85/ 79.18lx		28.21m / 624.87sq.m
7.0m	8.70/ 58.17lx		32.91m / 850.52sq.m
8.0m	6.66/ 44.54lx		37.61m / 1110.88sq.m
9.0m	5.26/ 35.19lx		42.31m / 1405.96sq.m
10.0m	4.26/ 28.51lx		47.01m / 1735.75sq.m



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.**

