

PRODUCT DESCRIPTION

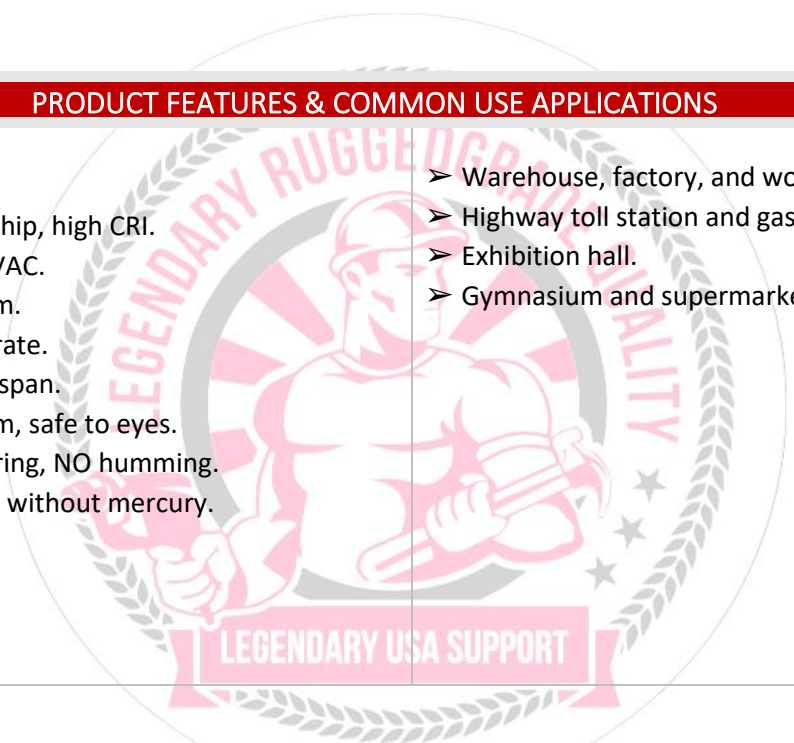
Our new Vapor tight fixture is back and better than ever with fully tunable technology! Now wattage and color selectable this light is full customizable to fit your lighting needs.



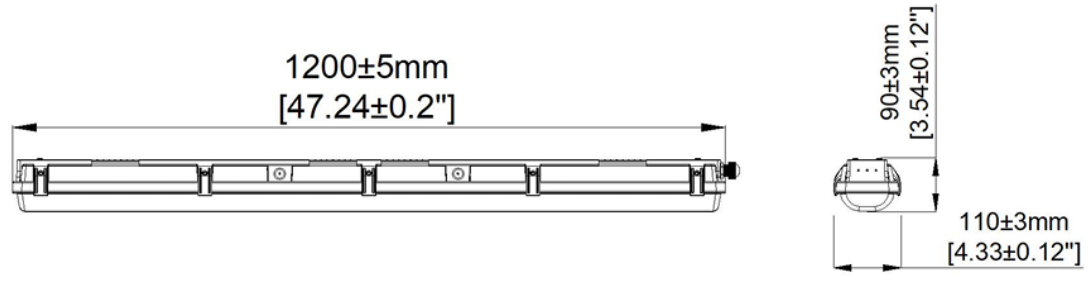
#: RGL-TRICORA-4FT-50W-TT

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





PRODUCT IMAGES & ACTUAL INSTALLATIONS

OPTICAL	Input Power (Tolerance : ±10%)	50/40/30Watt (Wattage Selectable)				
	Color Temperature	3000K	3500K	4000K	4500K	5000K
	Lumen (Tolerance : -10%)	6850LM	7500LM	7650LM	7450LM	7200LM
	Efficacy (Tolerance : -3%)	137LM/W	150LM/W	153LM/W	149LM/W	144LM/W
	CRI	>80				
	Color Consistency	<7 Steps (or <7 SDCM)				
	Diffuser Type	PCLens(FrostedStripe)				
Beam Angle (50%) (Tolerance :	120 Degree					
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥0.9				
	THD (Tolerance : +5%)	≤20%				
	Driver Efficacy	<90%				
	Driver Brand	Lifud				
	Driver Model	LF-FAA060				
	Driver Surge protection	L/N-PE: 6kV, L-N: 4kV				
	Dimming	Wattage Selectable Switch				
	Optional Accessory	DCMotionMirrowavesensor, EmergencyPowerSupply(8W/90min)				
MATERIALS	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	260PCS				
	Housing	PC				
	Housing Color	Grey				
	Waterproof Rating	WET (IP65)				
OTHERS	Operating Temperature	-40°C TO 50°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

APPLICATIONS:



Supermarket

Farm



Parking garage



Warehouses





PHOTOMETRICS

LIGHT DISTRIBUTION TESTING PARAMETERS <5000K>

Luminaire Property

Luminaire Manufacturer:
Voltage: 120.1 V
Power: 49.29 W

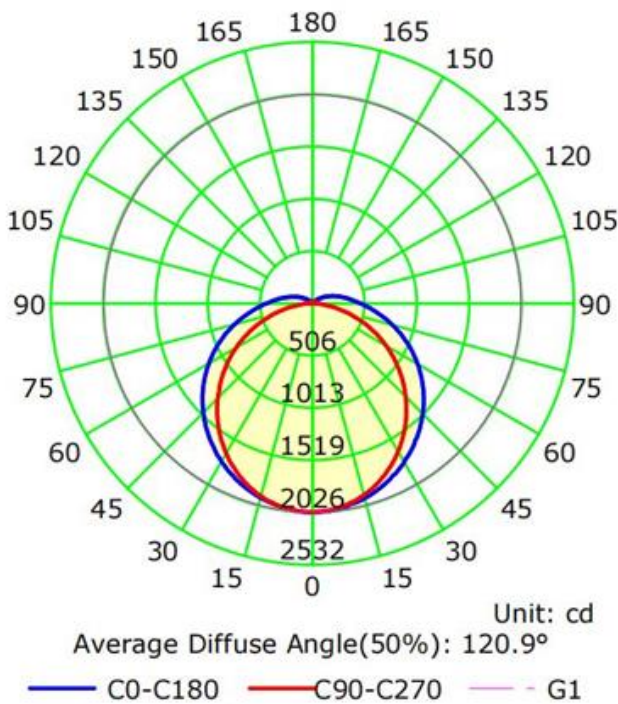
Current: 0.411 A
Power Factor: 0.999

Photometric Results

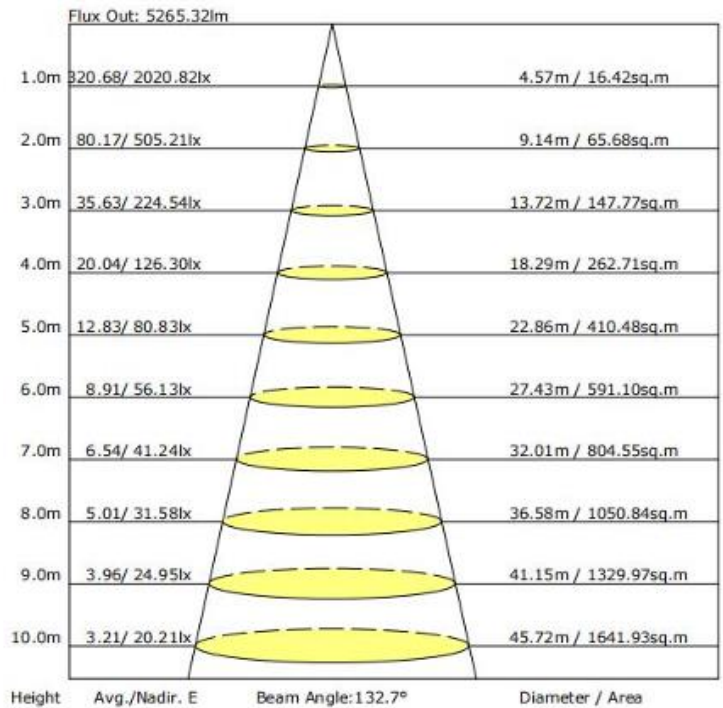
CIE Class: Direct
Measurement Flux: 7133.5 lm
Downward Ratio: 92%
Horizontal Diffuse Angle(10%,50%): H220.4,H132.8
Vertical Diffuse Angle(10%,50%): V160.8,V109
Luminaire Efficacy Rating (LER): 144.78
Max. Intensity: 2026.37 cd
S/MH(C0/C180): 1.31

Total Rated Lamp Lumens: 7133.5 lm
Efficiency: 100%
Upward Ratio: 8%
Central Intensity: 2020.82 cd
Pos of Max. Intensity: H315 V1
S/MH(C90/C270): 1.23

Luminous Intensity Distribution Curve



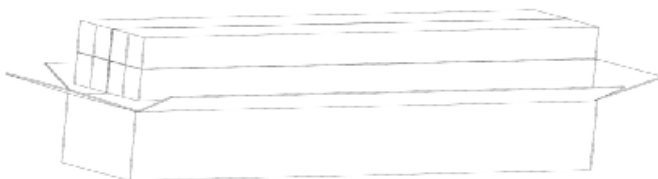
The Average Illuminance Effective Figure



PRODUCT PACKAGING

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	1260*155*95mm [49.6*6.1*3.74 inch]	1 PCS	2.4 KG [5.28 LBS]	2.64KG[5.8 LBS]
Emergency Inner box		1 PCS	2.88 KG[6.36 LBS]	3.12KG[6.86 LBS]
Outer box	1280*250*210mm [50.4*9.84*8.26 inch]	4 PCS	10.56 KG[26.4 LBS]	11.51 KG[25.3 LBS]
Emergency Outer box		4 PCS	12.48 KG[27.5 LBS]	13.4 KG[29.5 LBS]

Tolerance of Carton Size: ± 15 mm [± 0.59 inch], Tolerance of Weight: $\pm 10\%$.



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



**5 YEARS
WARRANTY**