



PRODUCT DESCRIPTION

The new Verico Series RGB Flood Light delivers crisp, tunable whites from warm to cool, plus a full spectrum of vibrant colors—all controlled right from your phone or remote. Imagine dialing in the perfect mood lighting for your business, backyard, or big event with just a tap.



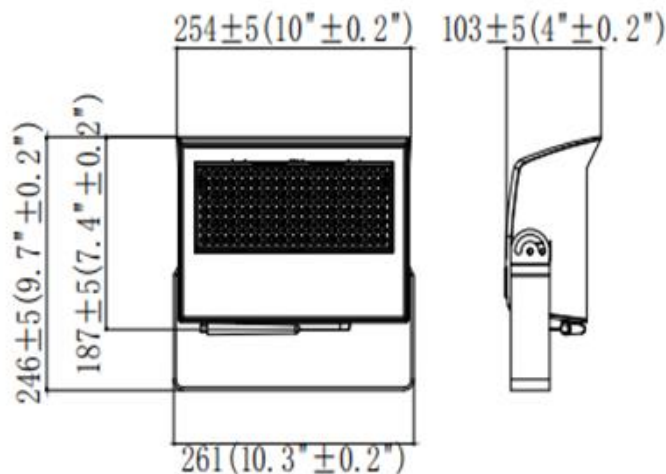
PART #: RGL-VERICO3-80W-RGB



PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL cUL certificate
- Wattage adjustable
- Input voltage 120-277 Vac
- 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.
- Gymnasium;
- Square plaza;
- Shipyard, Airport, wharf;
- High mast and Contour lighting, etc.

PRODUCT DIMENSIONS



LEGENDARY USA SUPPORT



US based phone and online customer support

DLC CERTIFIED

5 YEARS WARRANTY

UL LISTED





PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	80W (Wattage adjustable via remote or app)				
	Color Temperature	R	G	B	W	RGBW
	Lumen (Tolerance : ±10%)	920 LM	1690LM	300 LM	3825 LM	2643 LM
	Efficacy (Tolerance : ±3%)	38LM/W	67LM/W	10LM/W	119LM/W	35LM/W
	CRI	>80				
	Color Consistency	<7 Steps (or <7SDCM)				
	BUG	B5-U0-G1				
	Beam Angle (50%) (Tolerance : ±15%)	90°				
ELECTRICAL	Input Voltage and Frequency	120-277 VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥0.9				
	THD (Tolerance : +5%)	≤20%				
	Flicker Percent	<5%				
	Driver Brand	RG brand driver				
	Driver Model	LH-080FL-S38LW4				
	Driver Surge protection	L/N-PE: 6kV, L-N: 4kV				
	Dimming	App Dimming				
	Sensor Type	None				
MATERIALS	LED Brand	Lumileds+LDR				
	LED Type	2835				
	LED QTY	176PCS				
	Housing	Die-cast aluminum				
	Housing Color	Black, Bronze or Customized				
	Waterproof Rating	WET (IP65)				
OTHERS	Operating Temperature	-40°C TO 50°C				
	Storage Temperature	-40°C TO 80°C				
	Operating Humidity	20% - 90% RH				
	Storage Humidity	20% - 90% RH				
	Warranty	5 years				
	EPA	0.65 ft²				



PHOTOMETRICS FOR RGB

Luminaire Property

Luminaire Manufacturer:
Voltage: 120.2 V
Power: 75.12 W

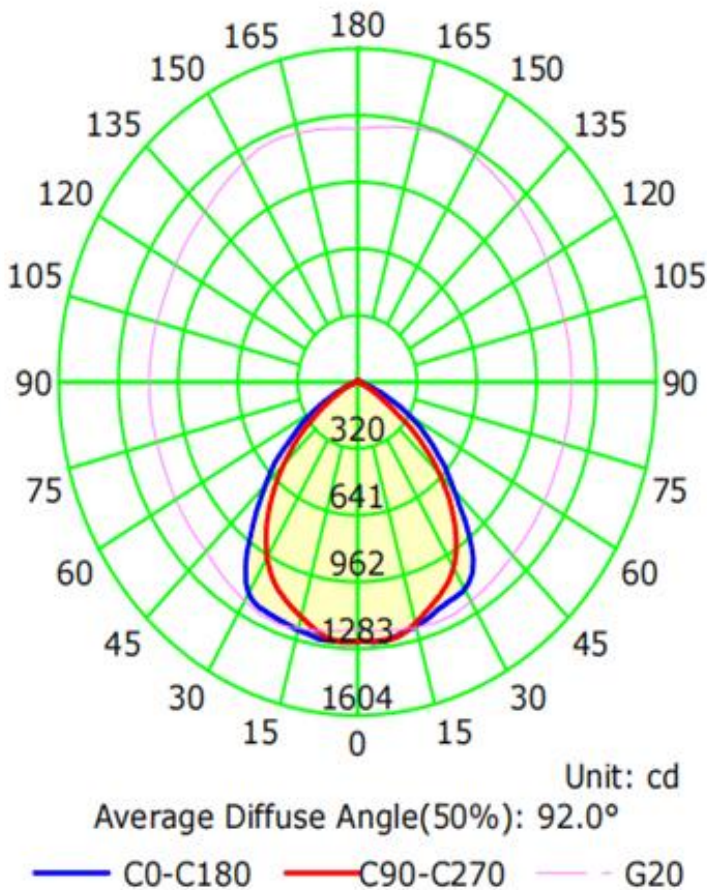
Current: 0.626 A
Power Factor: 0.998

Photometric Results

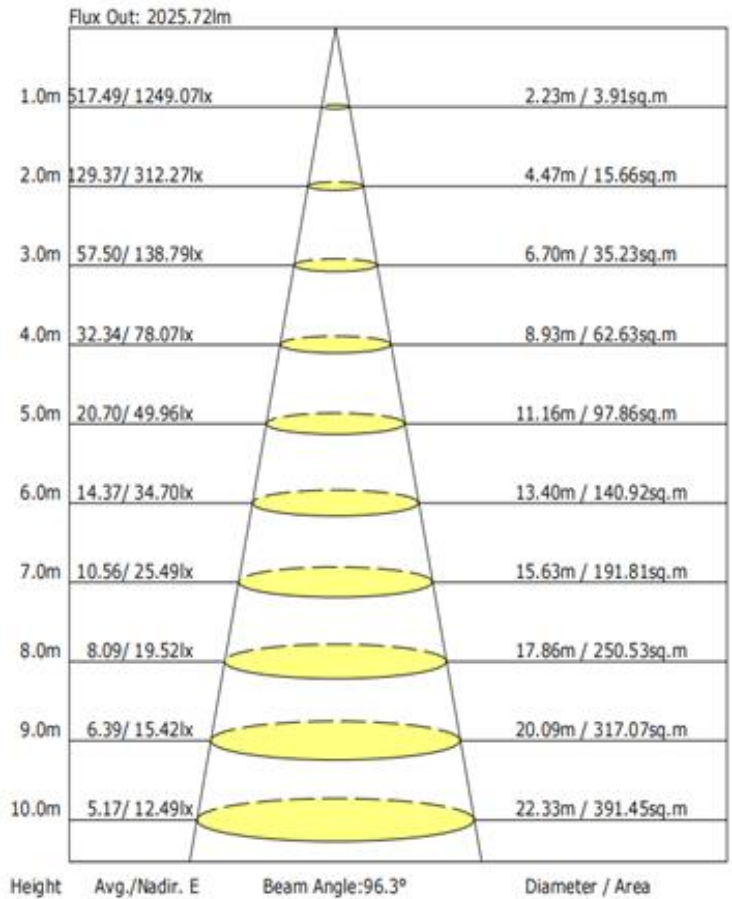
IES Classification: Type I
Total Rated Lamp Lumens: 2642.7 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 1249.07 cd
Pos of Max. Intensity: H157.5 V20

Longitudinal Classification: Very Short
Measurement Flux: 2642.7 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 35.23
Max. Intensity: 1283.45 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure

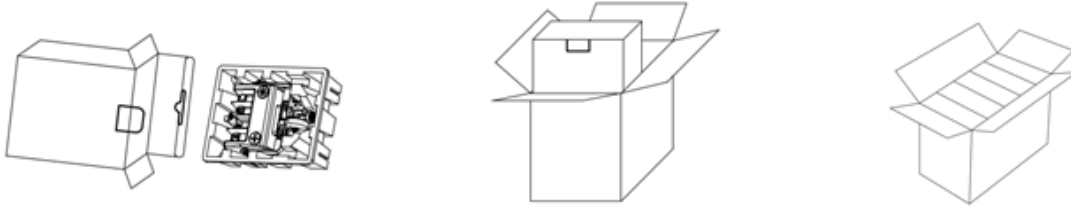




PRODUCT PACKAGING

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM	670*325*360mm	5 PC	12.5Kg	15Kg
YM	670*325*360mm	5 PC	12.5Kg	15Kg
FM	670*325*360mm	5 PC	12.5Kg	15Kg

*Tolerance of Carton Size: ± 15 MM, 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.

