

## 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.

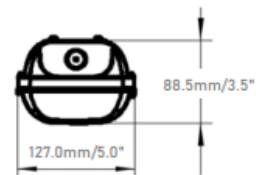


**PART#: RGL-4FT-VAP-45W-TT**

## PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL cUL DLC certificate.
- Lumileds or Samsung Chip, high CRI.
- Input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- 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





### PRODUCT IMAGES & ACTUAL INSTALLATIONS

|                               |                                |  |         |         |
|-------------------------------|--------------------------------|--|---------|---------|
| <b>OPTICAL</b>                | Input Power (Tolerance : ±10%) | 34/38/45W(Wattage Selectable)                                    |         |         |
|                               | Color Temperature              | 3500K  | 4000K   | 5000K   |
|                               | Lumen (Tolerance : -10%)       | 5940LM   | 5985LM  | 6030LM  |
|                               | Efficacy (Tolerance : -3%)     | 132LM/W  | 133LM/W | 135LM/W |
|                               | CRI                            | >80  |         |         |
|                               | Color Consistency              | <7 Steps (or <7 SDCM)  |         |         |
|                               | UGR (Glare Rating)             | <28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)               |         |         |
|                               | Diffuser Type                  | PC Lens  |         |         |
| Beam Angle (50%) (Tolerance : | 115 Degree                     |  |         |         |
| <b>ELECTRICAL</b>             | Input Voltage and Frequency    | 120-277VAC, 50/60Hz  |         |         |
|                               | PF (Tolerance : -3%)           | ≥0.95  |         |         |
|                               | THD (Tolerance : +5%)          | ≤20%   |         |         |
|                               | Driver Efficacy                | <90%   |         |         |
|                               | Driver Brand                   | Rugged Grade Lighting  |         |         |
|                               | Driver Model                   | Rugged Grade Lighting Driver                                     |         |         |
|                               | Driver Surge protection        | L/N-PE: 6kV, L-N: 4kV  |         |         |
|                               | Dimming                        | 0-10V  |         |         |
|                               | Optional Accessory             | NA   |         |         |
| <b>MATERIALS</b>              | LED Brand                      | Lumileds   |         |         |
|                               | LED Type                       | SMD2835  |         |         |
|                               | LED QTY                        | 100PCS   |         |         |
|                               | Housing                        | PC   |         |         |
|                               | Housing Color                  | Grey   |         |         |
|                               | Waterproof Rating              | WET (IP65)   |         |         |
| <b>OTHERS</b>                 | Operating Temperature          | -40F TO 104F   |         |         |
|                               | Storage Temperature            | -40F TO 104F   |         |         |
|                               | 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

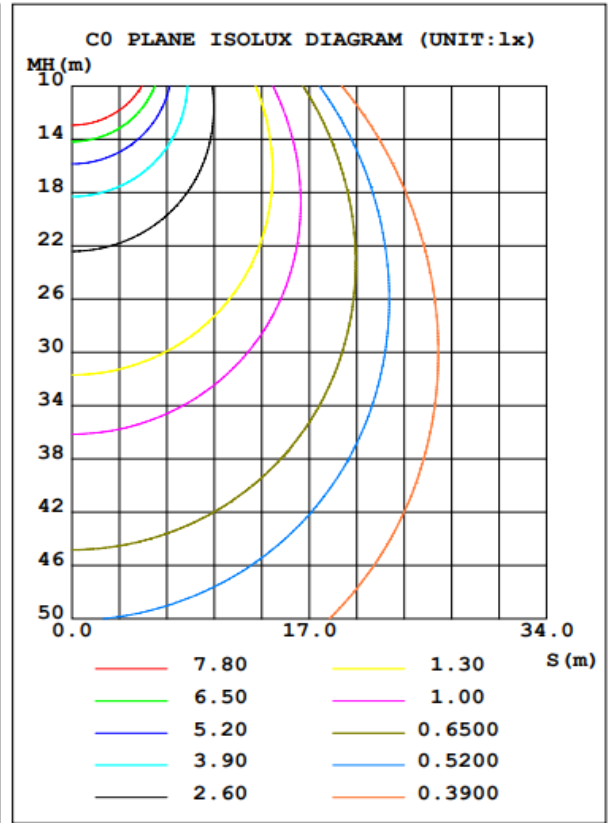
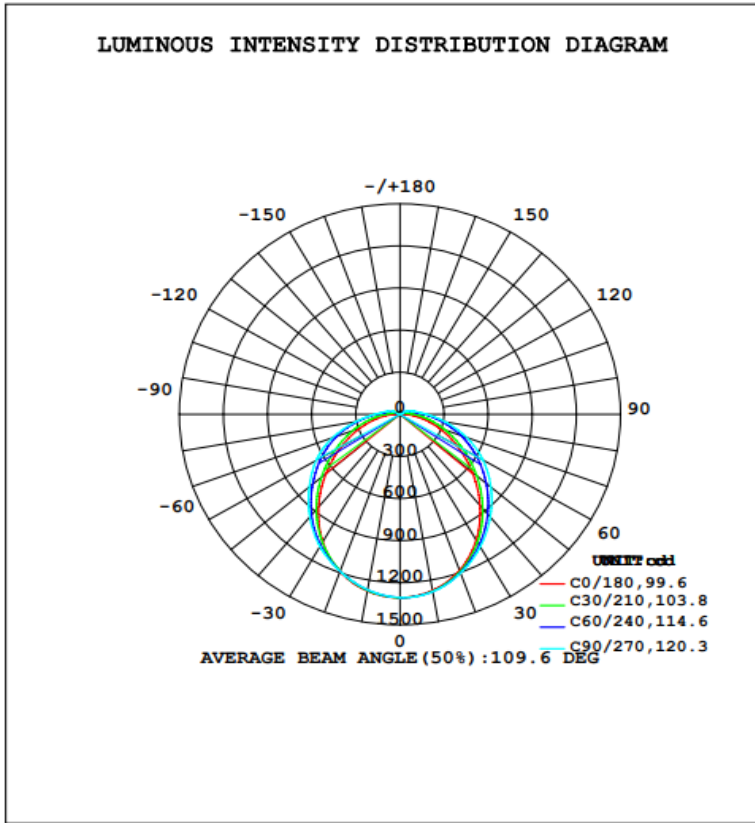


Parking garage

Warehouses

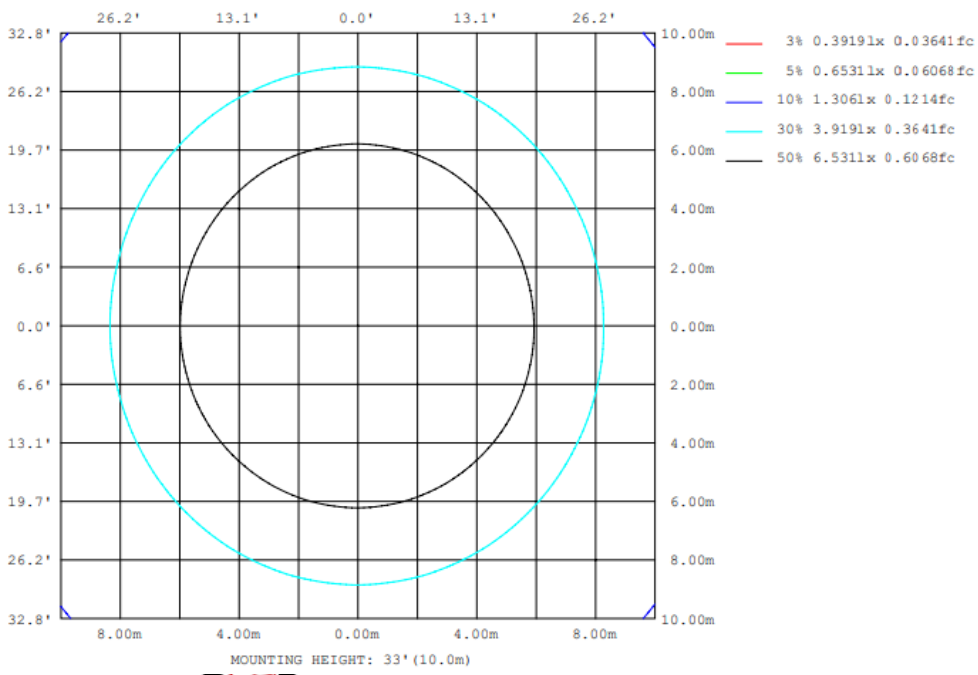


## PHOTOMETRICS



Flux out: 2244 lm

| Height | Eavg, Emax     | Angle: 99.64deg | Diameter  |
|--------|----------------|-----------------|-----------|
| 1m     | 502.9, 1307lx  |                 | 236.84cm  |
| 2m     | 125.7, 326.7lx |                 | 473.68cm  |
| 3m     | 55.88, 145.2lx |                 | 710.53cm  |
| 4m     | 31.43, 81.67lx |                 | 947.37cm  |
| 5m     | 20.12, 52.27lx |                 | 1184.21cm |
| 6m     | 13.97, 36.30lx |                 | 1421.05cm |
| 7m     | 10.26, 26.67lx |                 | 1657.89cm |
| 8m     | 7.858, 20.42lx |                 | 1894.73cm |
| 9m     | 6.209, 16.13lx |                 | 2131.58cm |
| 10m    | 5.029, 13.07lx |                 | 2368.42cm |



## PRODUCT PACKAGING

| Carton Size     | Qty / Carton | Net Weight / Carton | Gross Weight / Carton |
|-----------------|--------------|---------------------|-----------------------|
| 51.4"x5.3"x3.6" | 1PC          | .7kg                | .75kg                 |
| 51.9"x11.3"x8"  | 4PCS         | 2.66kg              | 2.72kg                |

\*Tolerance of Carton Size:  $\pm 15$  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.

