

H-Tech LED Gas Station Light



- Philips Lumileds LED source. High luminous efficiency and long life.
- High efficiency LED driver ,the wide input voltage is AC100-277V
- Light efficiency >90LM/W, CRI >80
- Heat pipe with FIN cooling design, better cooling, .LED Tj < 85°C
- The products got the CE RoHS , UL&CUL , FCC, DLC certification
- Excellent lampshape design, greatly improve the light utilization and evenness

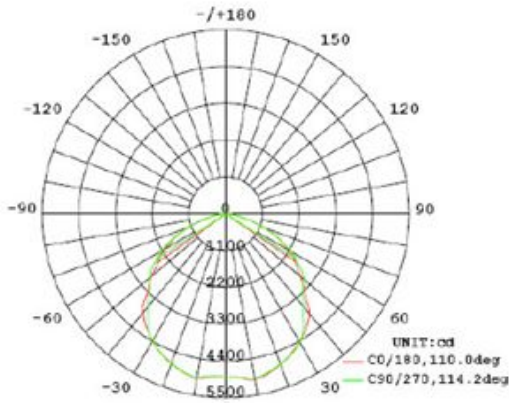
Parameter

| | | | |
|--------------------------|-------------------|----------------------|------------------|
| Type | CH-YZ-150W | Input Voltage | 100-277V/50-60Hz |
| Light Source | PHILIPS Lumileds | Dimming | NO(Upon Request) |
| Power | 150W | Power Factor | 0.95 |
| Beam Angle | 120° | THD | <15% |
| Luminous Flux | More than 13500LM | Connection | 3 Polars |
| Lumen Efficacy | Up to 90LM/W | Warranty | 5 Years |
| Color Temperature | 5000K(+/-400K) | IP Rating | IP65 |
| Operating Temp. | -30-45°C | Replace For | 300W(HID) |
| CRI | Ra80 | Certification | UL.DLC.FCC.ROHS |
| Driver | MeanWell | UL Number | E472052 |

H-Tech LED Gas Station Light

Light Distribution Curve

Luminous Intensity Distribution



| | C0/180 | C45/225 | C90/270 | C135/315 | AVG. |
|-------------------------|--------|---------|---------|----------|-------|
| Beam Angle (50% Imax): | 110.0 | 109.5 | 114.2 | 108.2 | 110.5 |
| Field Angle (10% Imax): | 155.0 | 155.0 | 155.6 | 154.8 | 155.1 |

Average Area Illumination Figure

Angle: 110.475°, Flux out: 10670.0 lm.



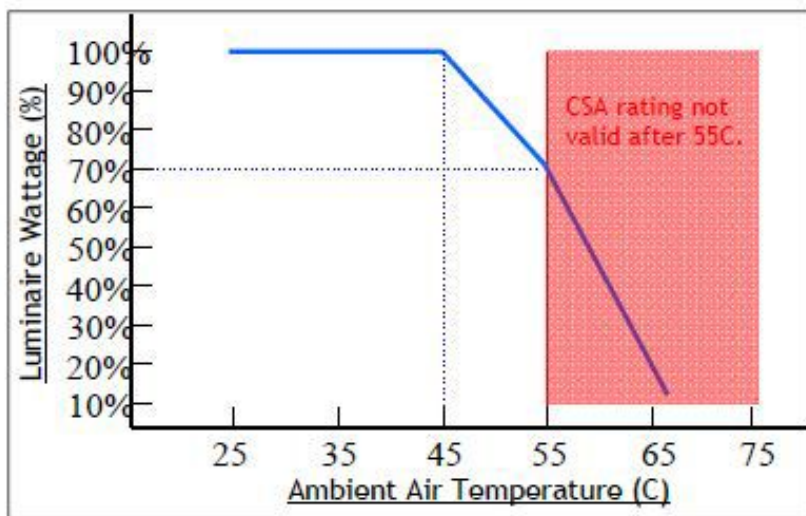
| Height (m) | Diameter (cm) | E _{avg} (lx) | E _{min} (lx) |
|------------|---------------|-----------------------|-----------------------|
| 0.5 | 144.1 | 6181.0 | 19505.0 |
| 1.0 | 288.2 | 1545.0 | 4876.0 |
| 1.5 | 432.2 | 666.7 | 2167.0 |
| 2.0 | 576.3 | 386.3 | 1219.0 |
| 2.5 | 720.4 | 247.2 | 780.2 |
| 3.0 | 864.5 | 171.7 | 541.8 |
| 3.5 | 1008.6 | 126.1 | 398.1 |
| 4.0 | 1152.7 | 96.6 | 304.8 |
| 4.5 | 1296.7 | 76.3 | 240.8 |
| 5.0 | 1440.8 | 61.8 | 195.1 |

Application

LED gas station Light series can be widely used in Gas Stations



Temperature Compensation



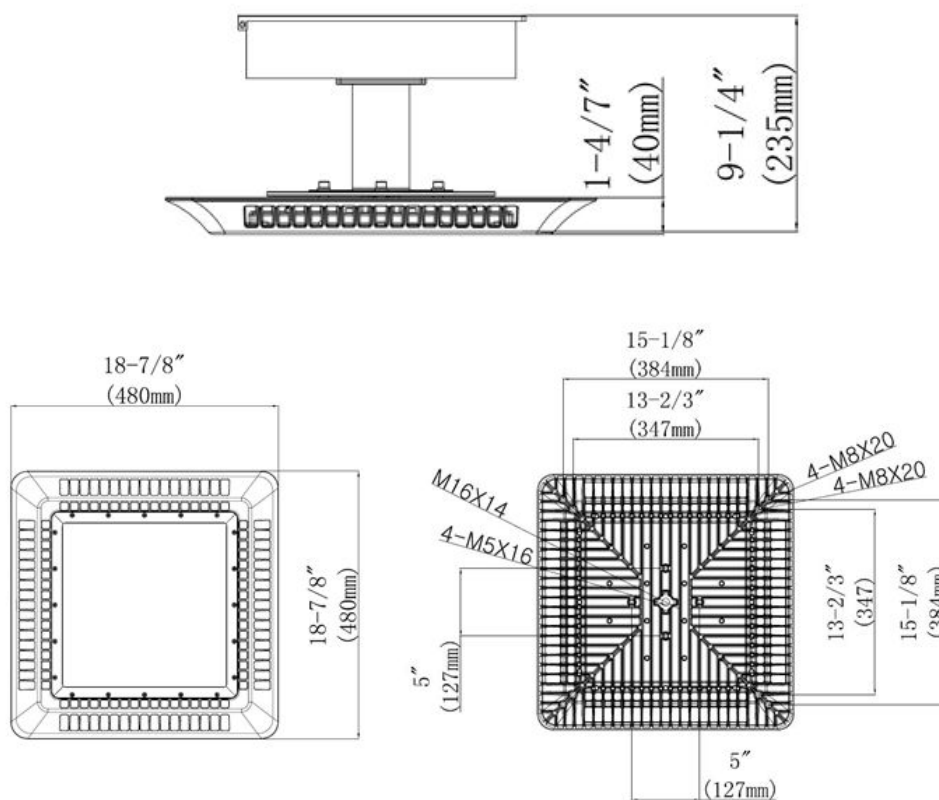
Control module activates at 45C. L70 output reached at 55C.

Continuous operation after 55C with increased compensation.

CSA certification valid to 55C only.

Chart accurate for Standard Output versions only.

Size



Packing details

| Model | Meas | Qty | Net weight |
|----------------------|---------------|-------------|------------|
| CH-YZ-150W-LV-XXK-YY | 570*570*320mm | 2pcs/carton | 24kg |