



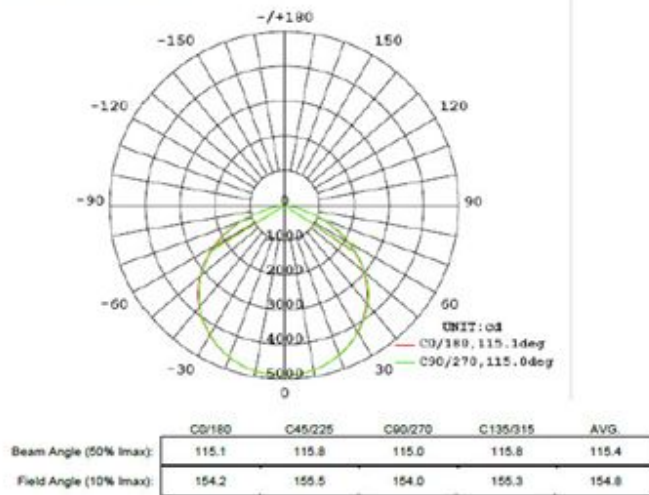
- Philips Lumileds LED source.High luminous efficiency and long life.
- High efficiency LED driver ,the wide input voltage is AC100-277V
- Light efficiency>90LM/W, CRI >80
- Heat pipe with FIN cooling design,better cooling,.LED Tj<85℃
- The products got the CE RoHS , UL&CUL ,FCC,DLC certification
- Excellent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

Parameter

Type	CH-YZ-120W	Input Voltage	100-277V/50-60Hz
Light Source	PHILIPS Lumileds	Dimming	NO(Upon Request)
Power	120W	Power Factor	0.95
Beam Angle	120°	THD	<15%
Luminous Flux	More than 10800LM	Connection	3 Polors
Lumen Efficacy	Up to 90LM/W	Warranty	5 Years
Color Temperature	5000K(+/-400K)	IP Rating	IP65
Operating Temp.	-30-45℃	Replace For	240W(HID)
CRI	Ra80	Certification	UL.DLC.FCC.ROHS
Driver	MeanWell	UL Number	E472052

Light Distribution Curve

Luminous Intensity Distribution



Average Area Illumination Figure

Angle: 115.40°, Flux out: 10977.0 lm.



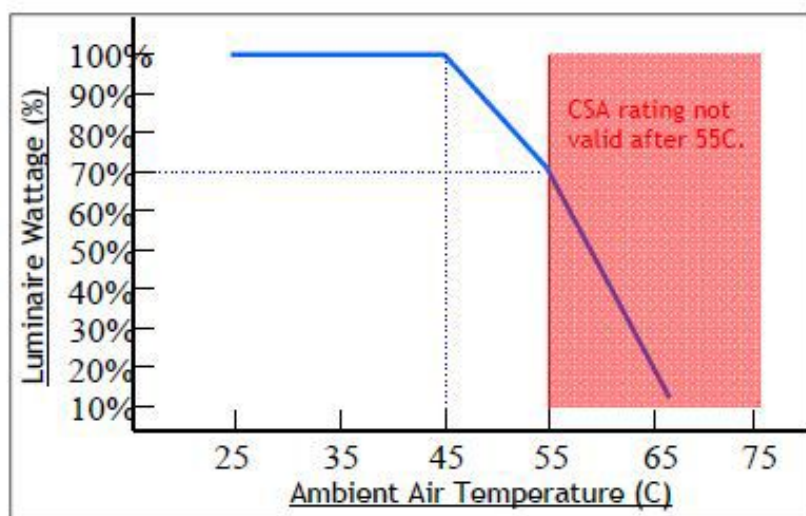
Height (m)	Diameter (cm)	E _{avg} (lx)	E _{max} (lx)
0.5	158.2	5457.0	19552.0
1.0	316.4	1364.0	4888.0
1.5	474.6	606.3	2172.0
2.0	632.7	341.1	1222.0
2.5	790.9	218.3	782.1
3.0	949.1	151.6	543.1
3.5	1107.3	111.4	399.0
4.0	1265.5	85.3	305.5
4.5	1423.7	67.4	241.4
5.0	1581.8	54.6	195.5

Application

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



Temperature Compensation



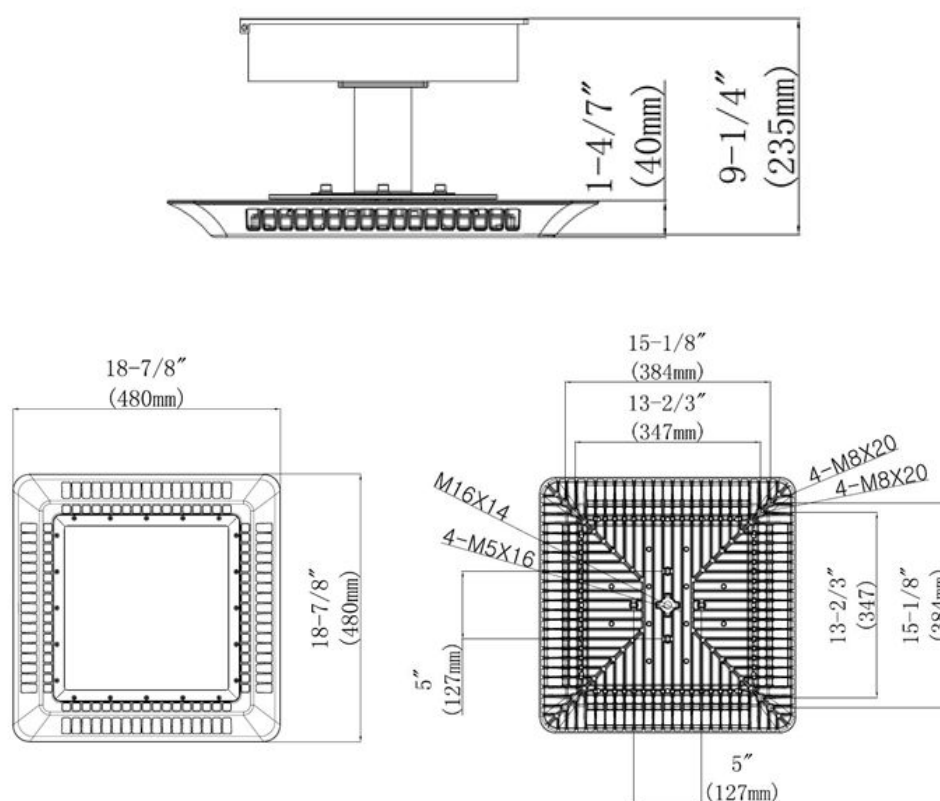
Control module activates at 45C. L70 output reached at 55C.

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-120W-LV-XXK-YY	570*570*320mm	2pcs/carton	25kg