

L1319C

Hazardous Location LED Lighting



Protection

- Ex nR IIC T4...T5 Gc
- Ex tb IIIC T110°C...T90°C Db
- Ⓜ II 3 G Ex nR IIC T4...T5 Gc
- Ⓜ II 2 D Ex tb IIIC T110°C...T90°C Db

Standards

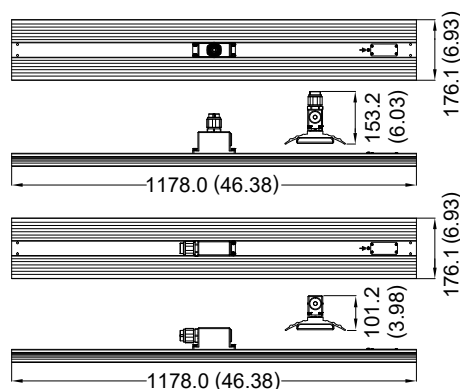
IEC 60079-0
IEC 60079-15
IEC 60079-31
EN IEC 60079-0
EN IEC 60079-15
EN 60079-31

Net Weight: 11.6 kg (25.6 lb)

Technical Data

| Watts (±10%) | Rated Voltage (±10%) | Max. Applicable Temp. |
|--------------|---|-----------------------|
| 40W | 100 / 110 / 120 / 200 / 220 / 230 / 277 / 347 / 480V AC | +65°C |
| 80W | 100 / 110 / 120 / 200 / 220 / 230 / 277 / 347 / 480V AC | +65°C |
| 120W | 100 / 110 / 120 / 200 / 220 / 230 / 277V AC | +65°C |
| 160W | 120 / 277 / 347 / 480V AC | +60°C |
| 240W | 100 / 110 / 120 / 200 / 220 / 230 / 277V AC | +40°C |
| 300W | 100 / 110 / 120 / 200 / 220 / 230 / 277V AC | +40°C |

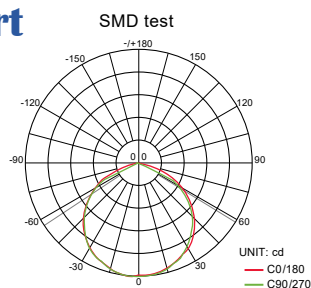
| | |
|----------------------|--|
| Amps | 0.17A~3.00A |
| Color of LED Light | Warm White / Cool White |
| Power Factor | $\cos \geq 0.9$, $\cos \geq 0.87$ (480V) |
| CRI | Cool White ≥ 70 / Warm White ≥ 80 |
| Lm / W (±10%) | Cool White $\geq 100\text{lm}$ / Warm White $\geq 90\text{lm}$ |
| Beam Angle | X-116° / Y-114° |
| Frequency | 50 / 60 Hz |
| Degree of Protection | IP67 / NEMA 6 |
| Material | <ul style="list-style-type: none"> • Enclosure: Aluminum alloy • Glass: Tempered glass |
| LED Service Life | 60,000 hrs |
| Entrance Thread | 1 × M25 |



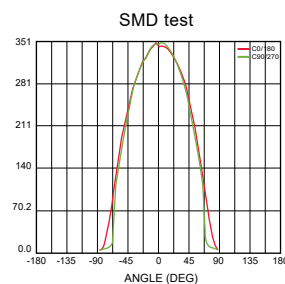
Dimension in Millimeters (inches)

Optical Report

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



Model Code

| | | | | | | | | | |
|------------|----------|-------------|----------|----------|----------|----------|----------|-----------|------------|
| THT | H | 1319 | D | C | H | C | C | 30 | WHT |
| | | | ① | | | ② | ③ | ④ | ⑤ |

① Glass

D=Clear Glass
F=Matted Glass

② C.C.T.

C=Cool White
W=Warm White

③ Voltage

4=100V, 1=110V, 6=120V, 5=200V, 2=220V,
D=230V, 9=277V, F=347V, C=480V

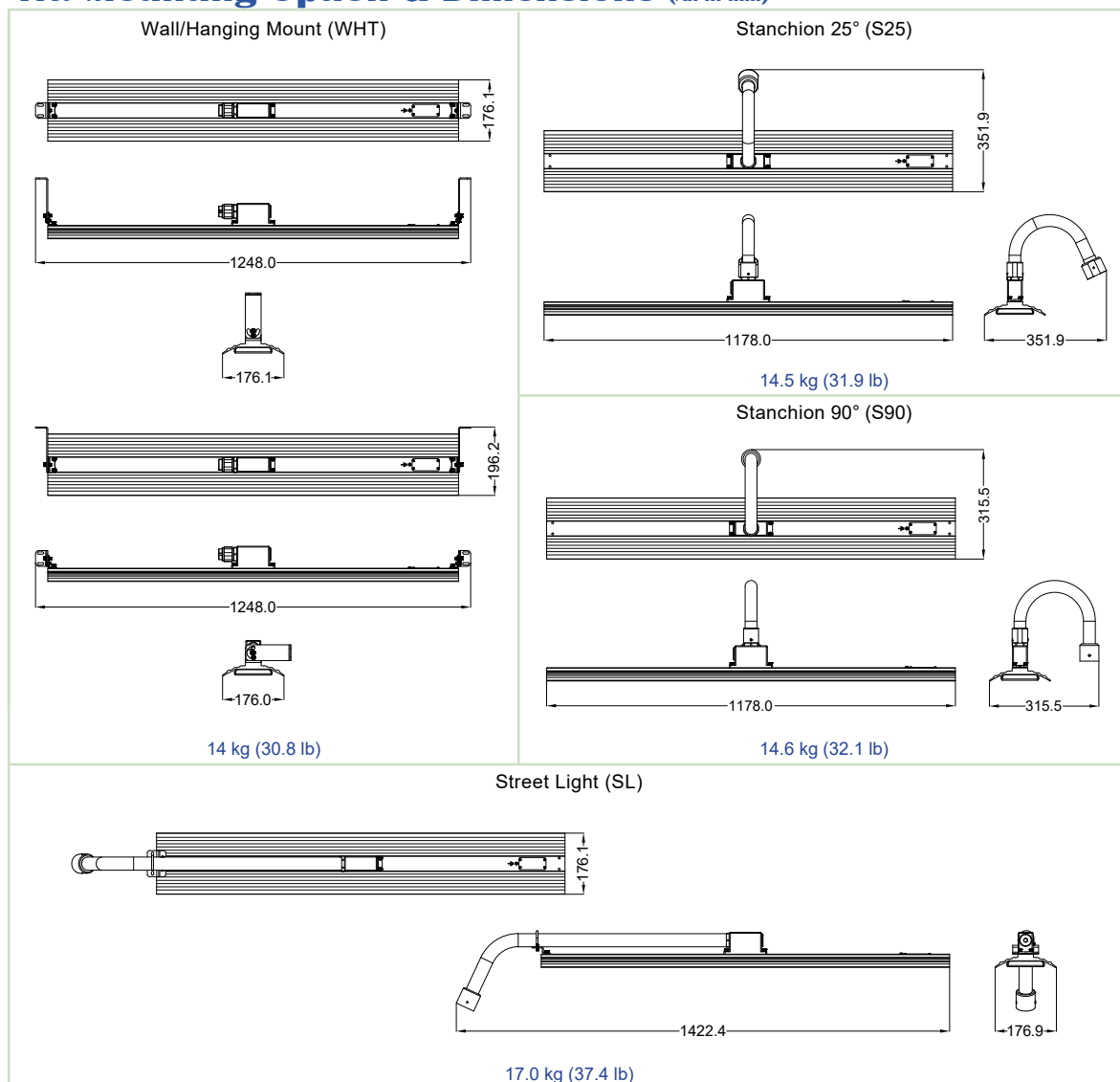
④ Wattage

D0=40W, H0=80W, L0=120W,
Q0=160W, Y0=240W, 30=300W

⑤ Mounting Bracket Type

WHT=Wall/Hanging Mount
S25/90=Stanchion 25°/90°
SL=Street Light

4ft. Mounting Option & Dimensions (All in mm)



Applicable Area

- Oil Refinery Complex
- Petrochemical Complex
- Painting Facility
- Transporting Nature Gas
- Transproting Liquefied Petroleum Gas
- Offshore Platform (Oil and Natural Gas)