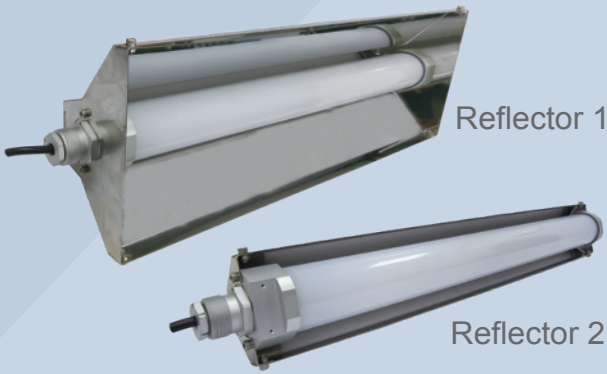


L1601C

Explosion-proof light tube



Certifications :



Standard Product Length

S : 398mm
M : 654mm
L : 1155mm

Dimension in Millimeters

Applicable Location

- Zone 2
- Zone 21
- Zone 22

Environmental Rating

- NEMA 6/6P
- IP 67/68

Applicable Area

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

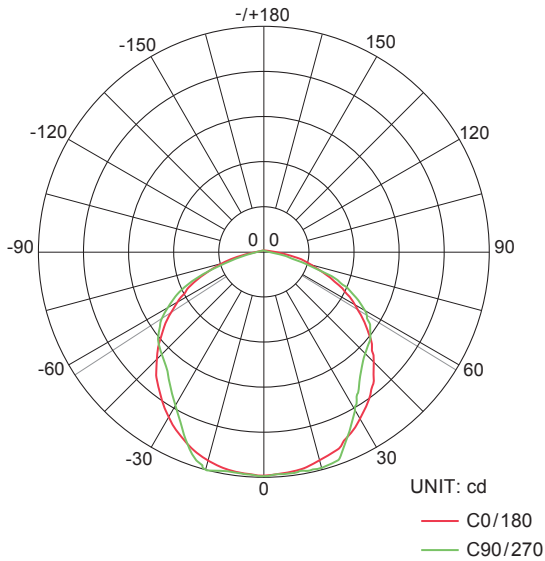
Electrical Ratings

| | |
|-----------------------|-----------------------------|
| Voltage | 110V / 220V / 277V AC |
| Frequency | 50Hz / 60Hz |
| Amps | 0.036A ~ 0.364A |
| Wattage | S : 10W / M : 20W / L : 40W |
| Operating Temperature | -20°C ~ +40°C |
| Power Factor | > 0.9 |

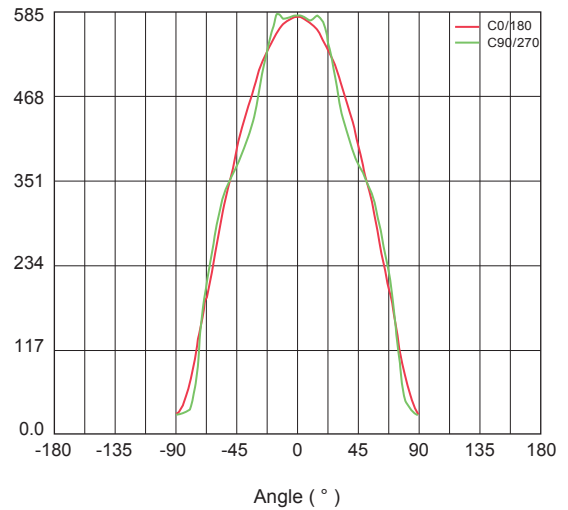
Raw Materials

| | |
|---------------|-----------------|
| Housing | Aluminum Alloy |
| Screws | Stainless Steel |
| Lighting Tube | PC |

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



Optical Information

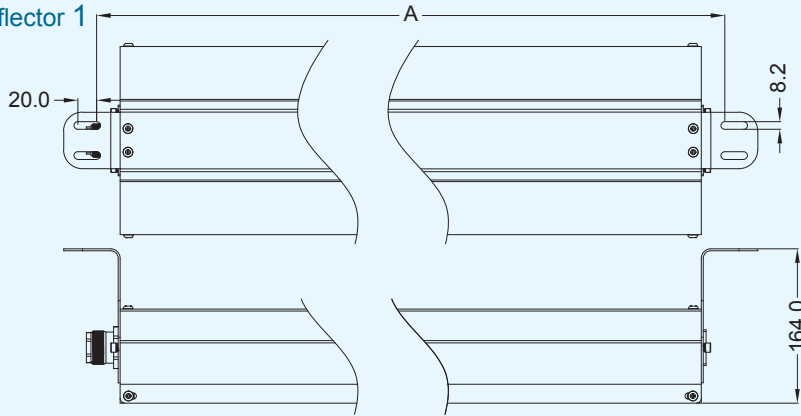
| | |
|-----------|--|
| CCT | 3000K ± 10% (Warm White) 5000K ± 10% (Cool White) |
| CRI | > 80 (Warm White) > 70 (Cool White) |
| IES Files | Available upon request |

Standard Product

Dimensions and Mounting(Mounting Code)

Hanging Mount 90° (H90R)

Reflector 1

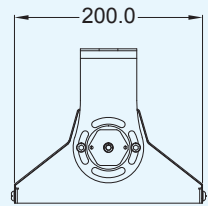


Length of A(mm)

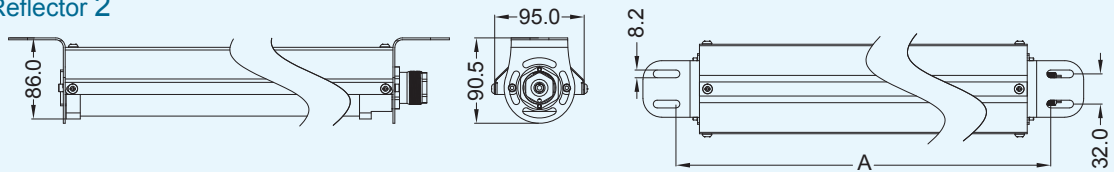
L : 1155

M : 654

S : 398

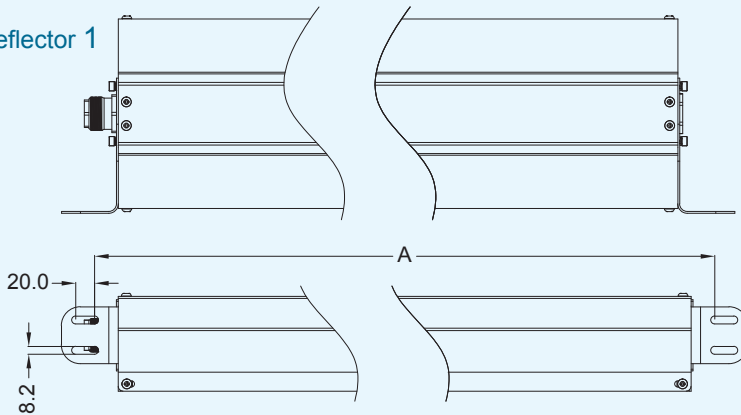


Reflector 2



Wall Mount 90° (W90R)

Reflector 1

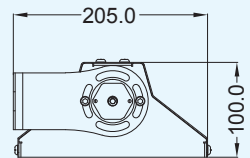


Length of A(mm)

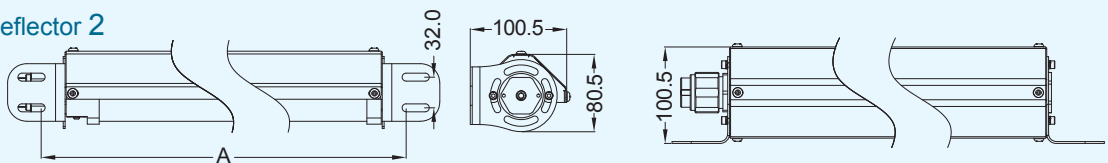
L : 1155

M : 654

S : 398

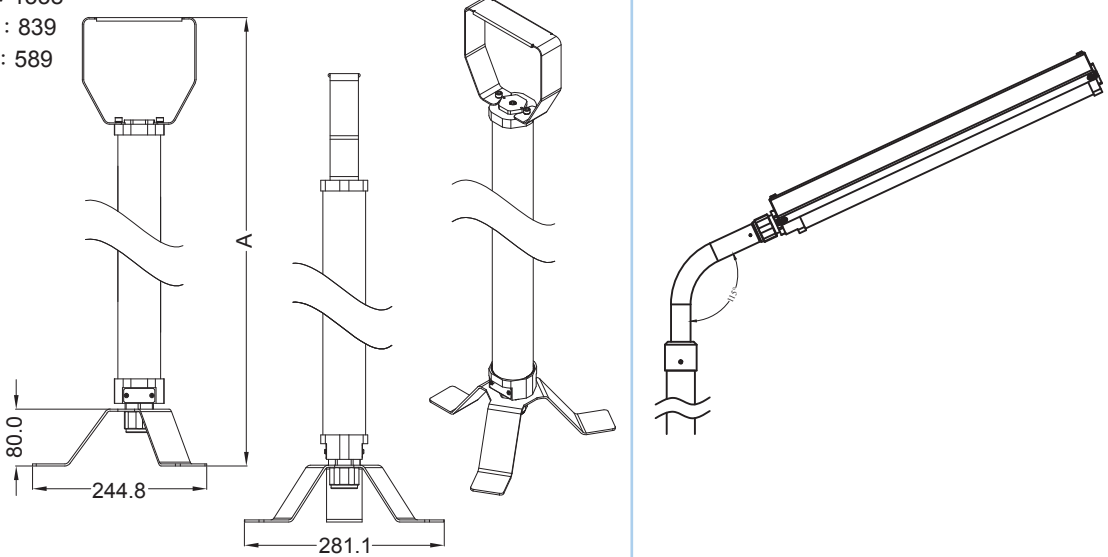
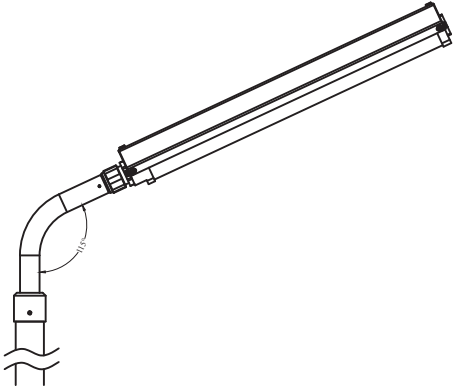


Reflector 2



● Standard Product

Dimensions and Mounting(Mounting Code)


| Tripod (TA) | Street Light (SL) |
|--|--|
| <p>Length of A(mm) L : 1338 M : 839 S : 589</p>  |  |



Field Installation

Part Number



• W.W. : 3000K±10% • C.W. : 5000K±10%

| Model No. | Certifications | Watt. | Volt. | Color | Part Number |
|---------------|--|-------|-------|-------|-------------------|
| L1601C |  Ex nR II T6 Gc X Ex tb IIIC T85°C Db X | 10W | 110V | W.W. | THTH1601DNHW1A003 |
| | | | 220V | W.W. | THTH1601DNHW2A003 |
| | | | 277V | W.W. | THTH1601DNHW9A003 |
| | | | 110V | C.W. | THTH1601DNHC1A003 |
| | | | 220V | C.W. | THTH1601DNHC2A003 |
| | | | 277V | C.W. | THTH1601DNHC9A003 |
| | | 20W | 110V | W.W. | THTH1601ENHW1B003 |
| | | | 220V | W.W. | THTH1601ENHW2B003 |
| | | | 277V | W.W. | THTH1601ENHW9B003 |
| | | | 110V | C.W. | THTH1601ENHC1B003 |
| | | | 220V | C.W. | THTH1601ENHC2B003 |
| | | | 277V | C.W. | THTH1601ENHC9B003 |
| | | 40W | 110V | W.W. | THTH1601FNHW1D003 |
| | | | 220V | W.W. | THTH1601FNHW2D003 |
| | | | 277V | W.W. | THTH1601FNHW9D003 |
| | | | 110V | C.W. | THTH1601FNHC1D003 |
| | | | 220V | C.W. | THTH1601FNHC2D003 |
| | | | 277V | C.W. | THTH1601FNHC9D003 |

Ordering information: Part number + Mounting code

Part Number

• W.W. : 3000K±10% • C.W. : 5000K±10%

| Model No. | Certifications | Watt. | Volt. | Color | Part Number | |
|---------------|---|-------|-------|-------|-------------------|-------------------|
| L1601C |  Ex nR IIC T6 Gc Ex tb IIIC T85°C Db | 10W | 110V | W.W. | THTH1601DNHW1A003 | |
| | | | 220V | W.W. | THTH1601DNHW2A003 | |
| | | | 277V | W.W. | THTH1601DNHW9A003 | |
| | | | 110V | C.W. | THTH1601DNHC1A003 | |
| | | | 220V | C.W. | THTH1601DNHC2A003 | |
| | | | 277V | C.W. | THTH1601DNHC9A003 | |
| |  Ex nR II T6 Gc Ex tb IIIC T85°C Db | 20W | 110V | W.W. | THTH1601ENHW1B003 | |
| | | | 220V | W.W. | THTH1601ENHW2B003 | |
| | | | 277V | W.W. | THTH1601ENHW9B003 | |
| | | | 110V | C.W. | THTH1601ENHC1B003 | |
| | | | 220V | C.W. | THTH1601ENHC2B003 | |
| | | | 277V | C.W. | THTH1601ENHC9B003 | |
| | | | 40W | 110V | W.W. | THTH1601FNHW1D003 |
| | | | | 220V | W.W. | THTH1601FNHW2D003 |
| | | | | 277V | W.W. | THTH1601FNHW9D003 |
| | | | | 110V | C.W. | THTH1601FNHC1D003 |
| | | | | 220V | C.W. | THTH1601FNHC2D003 |
| | | | | 277V | C.W. | THTH1601FNHC9D003 |

Ordering information: Part number + Mounting code