

# L1605A

THT-EX

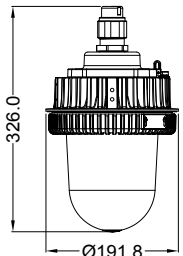


Net Weight: 7 kg



Field installation

Certifications:



Dimension in Millimeters

### Applicable Location

- Zone 2
- Zone 21
- Zone 22

### Environmental Ratings

- NEMA 6/6P
- IP 67/68

### Applicable Area

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

### Electrical Ratings

Voltage	110V ~ 220V AC
Frequency	50Hz / 60Hz
Amps	0.06A ~ 0.16A
Wattage	13W / 14W / 16W
Operating Temperature	-20°C ~ +40°C
Power Factor	> 0.9

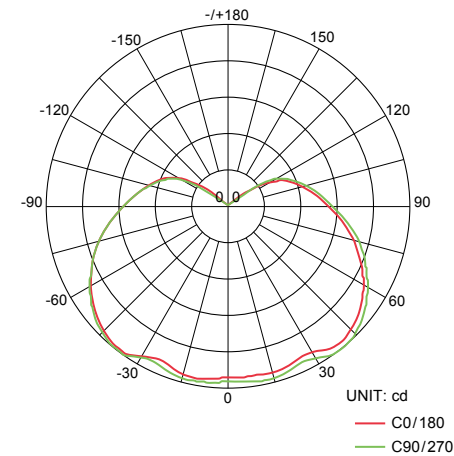
### Raw Materials

Housing	Aluminum Alloy
Screws	Stainless Steel
Tempered Glass	IEC Standards impact-resistant > 4 Joule

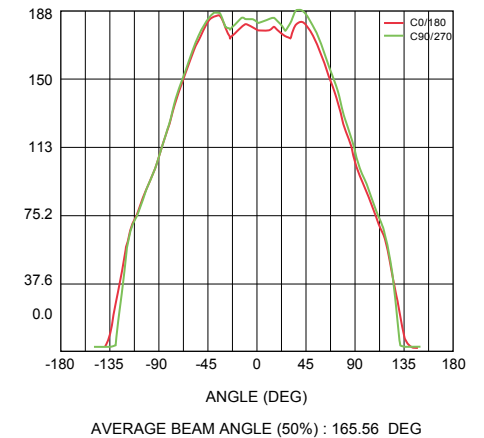
In accordance with special application requirement, THT-EX is able to offer higher specifications on Explosion-proof LED lighting devices, includes

- Lighting can be started at low temperature -60°C
- IP rating IP68

### Polar Luminous Intensity Distribution



### Luminous Intensity Distribution Diagram

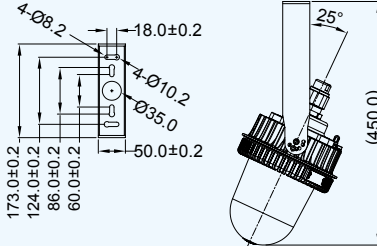
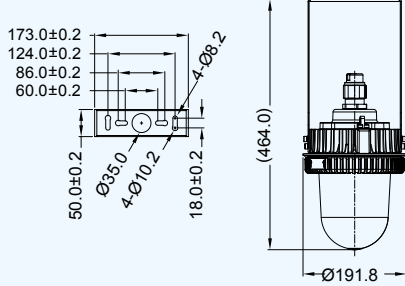
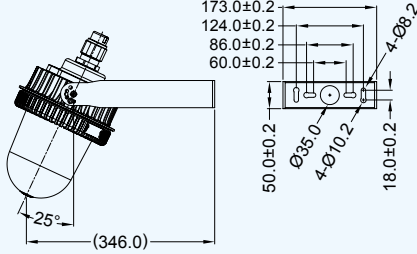
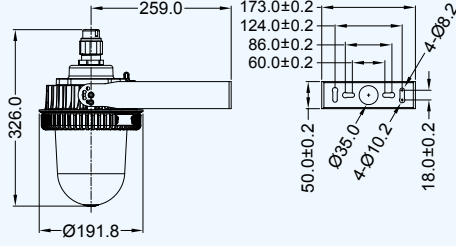
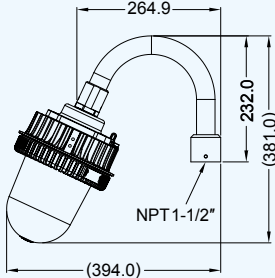
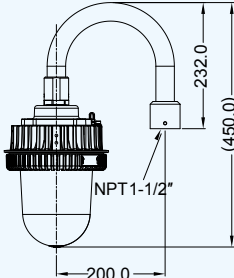
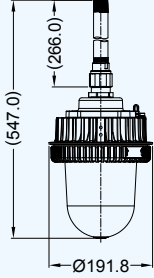


### Optical Information

CCT	3000K ± 10% (Warm White) 6500K ± 10% (Cool White)
CRI	> 80 (Warm White) > 80 (Cool White)
IES Files	Available upon request

## ● Standard Product




### Dimensions and Mounting (Mounting Code)

Hanging Mount 25° (H25)	Hanging Mount 90° (H90)	
		
Wall Mount 25° (W25)	Wall Mount 90° (W90)	
		
Stanchion 25° (S25)	Stanchion 90° (S90)	Pendant (P90)
		

► Please refer to Page 98 for part number

# Part Number

• W.W.: 3000K±10% • C.W.: 5000K±10%

Model No.	Certifications	Watt.	Volt.	Color	Part Number
<b>L1601</b>	 Ex nR IIC T6 Gc Ex tb IIIC T85°C Db	10W	110V	W.W.	THTH1601DNHW1A0
			220V	W.W.	THTH1601DNHW2A0
			277V	W.W.	THTH1601DNHW9A0
			110V	C.W.	THTH1601DNHC1A0
			220V	C.W.	THTH1601DNHC2A0
			277V	C.W.	THTH1601DNHC9A0
		20W	110V	W.W.	THTH1601ENHW1B0
			220V	W.W.	THTH1601ENHW2B0
			277V	W.W.	THTH1601ENHW9B0
			110V	C.W.	THTH1601ENHC1B0
			220V	C.W.	THTH1601ENHC2B0
			277V	C.W.	THTH1601ENHC9B0
		40W	110V	W.W.	THTH1601FNHW1D0
			220V	W.W.	THTH1601FNHW2D0
			277V	W.W.	THTH1601FNHW9D0
			110V	C.W.	THTH1601FNHC1D0
			220V	C.W.	THTH1601FNHC2D0
			277V	C.W.	THTH1601FNHC9D0
<b>L1605A</b>	 Ex nR IIC T5 Gc Ex tb IIIC T100°C Db	13W	220V	W.W.	THTE1605ABFW2A3
			C.W.	THTE1605ABFC2A3	
		14W	110V	W.W.	THTE1605ABFW1A4
			C.W.	THTE1605ABFC1A4	
		16W	110V	W.W.	THTE1605BBFWAA6
			220V	C.W.	THTE1605BBFCAA6
<b>L1605B</b>	 Ex nR IIC T5 Gc Ex tb IIIC T100°C Db	23W	220V	W.W.	THTE1605ABGW2B3
			C.W.	THTE1605ABGC2B3	
		27W	110V	W.W.	THTE1605ABGW1B7
			C.W.	THTE1605ABGC1B7	
			110V	W.W.	THTE1605BBGW1B7
			220V	W.W.	THTE1605BBGW2B7
			110V	C.W.	THTE1605BBGC1B7
			220V	C.W.	THTE1605BBGC2B7

Ordering information: Part number + mounting code