

L1303C



30W / 60W / 90W

Net Weight: 10kg



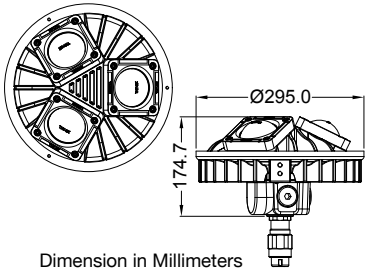
Energy technology factory

THT-EX

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 -65°C
- Lighting can be used at temperature 100°C
- IP rating IP68
- Salt water spray test 72 hours ~ 1000 hours

Certifications:



Dimension in Millimeters

Applicable Location

- Zone 1
- 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)

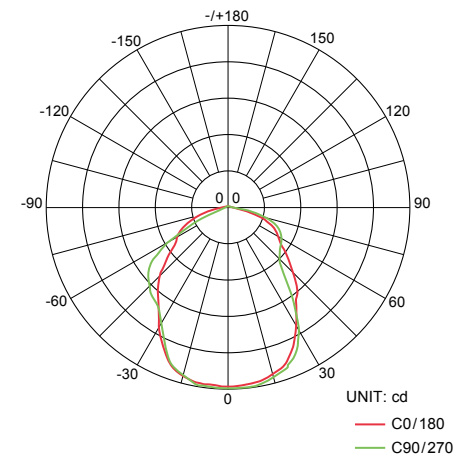
Electrical Ratings

Voltage	24V / 110V / 220V AC
Frequency	50Hz / 60Hz
Amps	0.14A ~ 2.5A
Wattage	30W (24V not available) / 60W / 90W
Operating Temperature	-20°C ~ +40°C
Power Factor	> 0.95

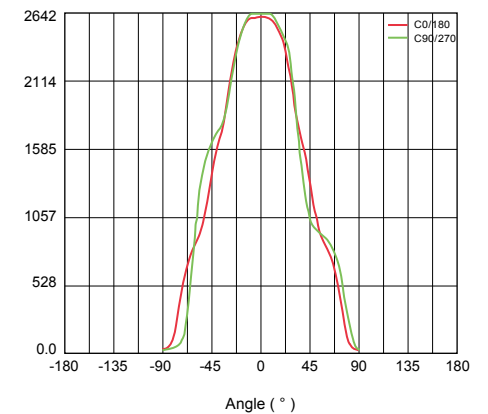
Raw Materials

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

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)
Lum / Watt.	≥ 90 (Warm White) ≥ 100 (Cool White)
Beam Angle	≥ 110° (Warm White) ≥ 110° (Cool White)
IES Files	Available upon request

● **Standard Product**

Dimensions and Mounting (Mounting Code)

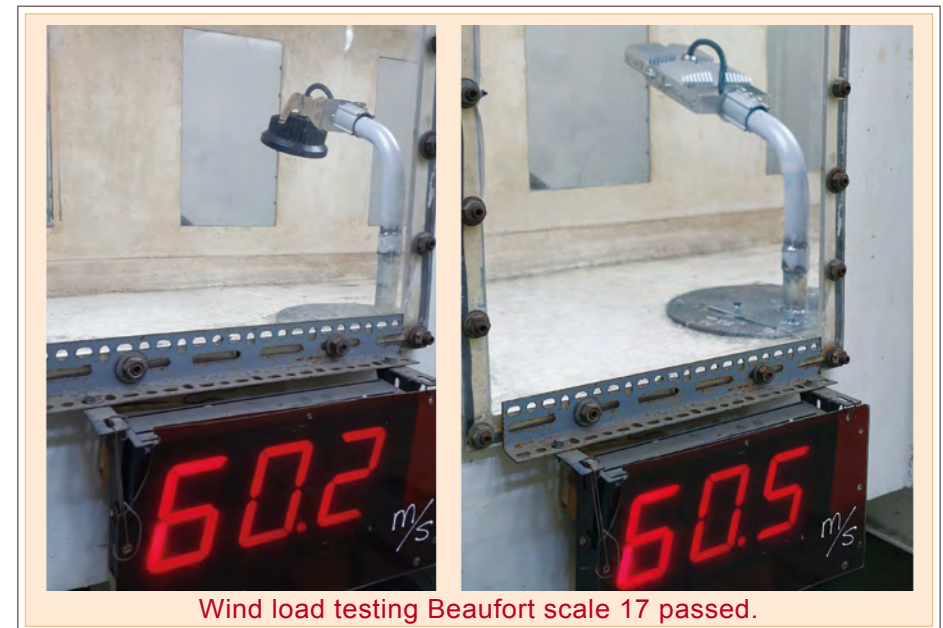
Hanging Mount 25° (H25)	Hanging Mount 90° (H90)	Pendant (P90)
Wall Mount 25° (W25)	Wall Mount 90° (W90)	

● **Standard Product**

Dimensions and Mounting (Mounting Code)






Stanchion 25° (S25)	Stanchion 90° (S90)

► Please refer to Page 97 for part number



Part Number

• W.W.: 3000K±10% • C.W.: 5000K±10%

Model No.	Certifications	Watt.	Volt.	Color	Part Number
L1219D	 Ex d IIB + H ₂ T6 Gb Ex tb IIIC T55°C  II 2 G Ex d IIB + H ₂ T6 Gb II 2 D Ex tb IIIC T55°C Db  Ex d IIB + H ₂ T6 Gb DIP A21 T _A 55°C  Ex d IIB + H ₂ T6 Gb Ex tb IIIC T55°C Db	10W	24V	Red	THT-EX1219RAWA01
				Yellow	THT-EX1219YAWA01
				Blue	THT-EX1219BAWA01
				Green	THT-EX1219GAWA01
		10W	110V	Red	THT-EX1219RCWA01
				Yellow	THT-EX1219YCWA01
				Blue	THT-EX1219BCWA01
				Green	THT-EX1219GCWA01
		10W	220V	Red	THT-EX1219REWA01
				Yellow	THT-EX1219YEWA01
				Blue	THT-EX1219BEWA01
				Green	THT-EX1219GEWA01
L1303C	 Ex d IIC T6 X Ex tD A21 IP67 T85°C	30W	110V	W.W.	THTE1303CABW1C0
			220V	W.W.	THTE1303CABW2C0
			110V	C.W.	THTE1303CABC1C0
			220V	C.W.	THTE1303CABC2C0
		60W	24V	W.W.	THTE1303CABW3F0
			110V	W.W.	THTE1303CABW1F0
			220V	W.W.	THTE1303CABW2F0
			24V	C.W.	THTE1303CABC3F0
			110V	C.W.	THTE1303CABC1F0
			220V	C.W.	THTE1303CABC2F0
		90W	110V	W.W.	THTE1303CABW110
				C.W.	THTE1303CABC110
220V	W.W.		THTE1303CABW210		
	C.W.		THTE1303CABC210		

Ordering information: Part number + mounting code