HLTA-V

Hazardous Location LED Luminaire, STA Series, up to 200 W, IP66

Hazardous Location LED Luminaire



STA1



STA2

The STA1/STA2 Series LED fixture is the ideal choice for marine and hazardous applications. They can be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient temperature can be expected.

Features

- Suitable for Zone 1 & 2 (gas), Zone 21 & 22 (dust)
- High luminous efficacy, up to 120-140 lumens per watt
- 0-10V dimming
- Waterproof and dust-proof, without internal cleaning
- Simple structure for easy and quick installation
- Stainless steel fasteners, ADC12 aluminum housing, good corrosion resistance
- Tempered glass, high light transmittance and impact resistance

Application

- Power Plants
- Heavy industrial storage facilities
- Paper mills
- Wastewater treatment plants
- Loading docks / platforms
- Offshore environments
- Chemical processing facilities
- Petrochemical processing facilities
- Metallurgical industry
- Coal mine
- Food and alcohol industry

5-year standard warranty
LED lumen maintenance: L70 > 150,000 hours @ 55°C

Compliance

- UL 844 Hazardous Locations
- Class I Division 2, Groups A, B, C, D
- Class II Division 1, Groups E, F, G
- Class II Division 2, Groups F, G
- Class III
- Class I Zone 2 Group IIC
- Class II Zone 21 Group IIIC
- IP66
- IK06/07 (without wire guard)
- IK09 (with wire guard)
- 1000 hours salt spray

Electrical

Model	STA1	STA2
Rated power	Max 200W	Max 150W
Input voltage	120-277VAC / 200-480VAC	
Input frequency	50/60Hz	

Optical

Model	STA1	STA2
Lumen output	Max 28,000lm	Max 21,000lm
Luminous efficacy	120-140lm/W	
CCT	2700K-7000K	
CRI	> 70	
Beam angle	40° / 60° / 90° / 120° / T3 / T5	
Dimming	0-10V dimming	

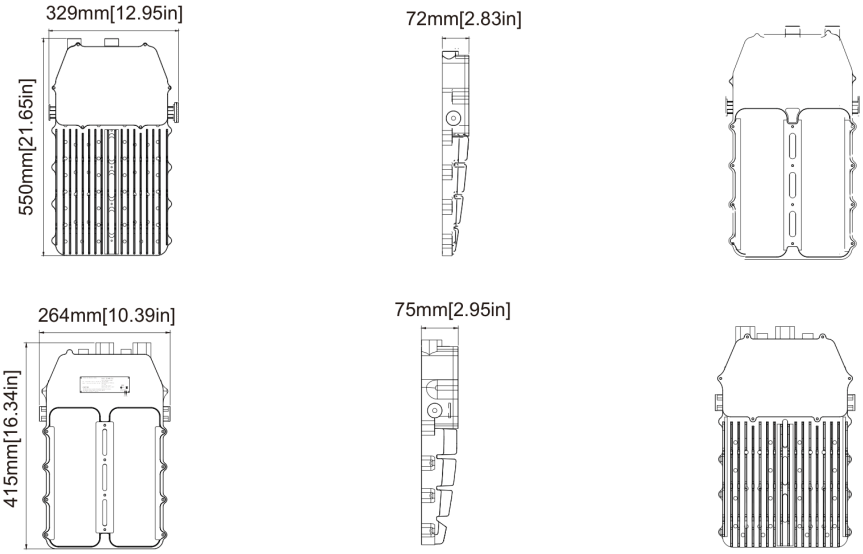
Mechanical and Environmental

Housing material	ADC12 aluminum
Glass	Tempered glass
Surface	Explosion-proof joint surface
Fasteners	Stainless steel
Protection	IP66 / IK06/07 (without wire guard) / IK09 (with wire guard)
Mounting	Pole, trunnion, arm, slip fitter, bracket, stanchion
Ambient temperature	-40°C to +55°C (-40°F to +131°F)

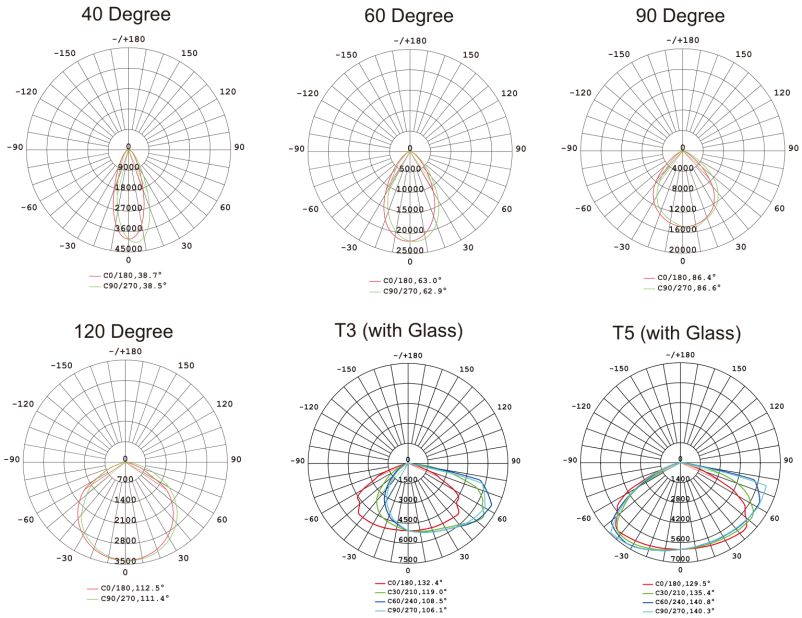
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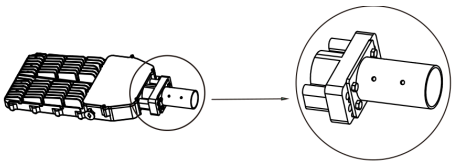
Dimensions, mm [inch]



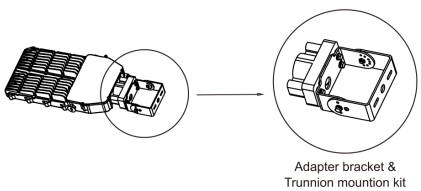
Photometric



Mounting Methods



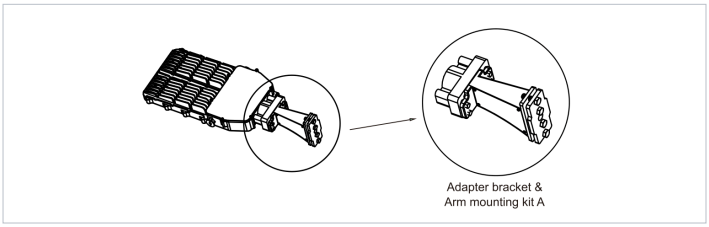
1. Pole mounting



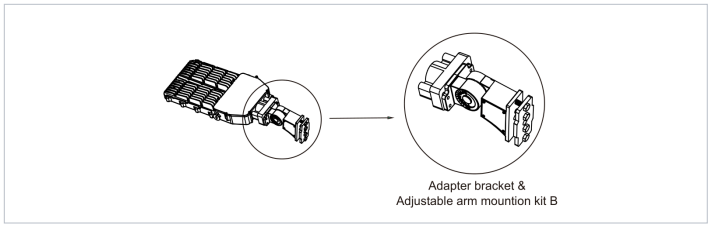
2. Trunnion mounting

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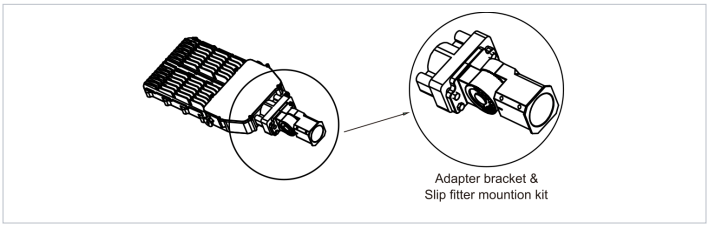
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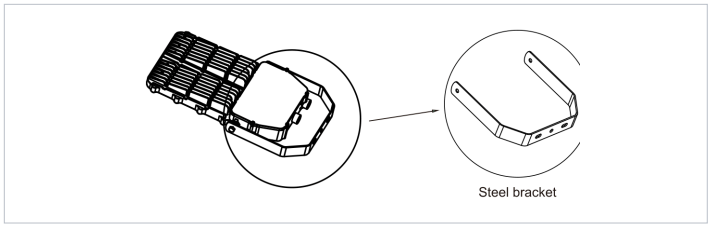
3. Arm mounting (A)



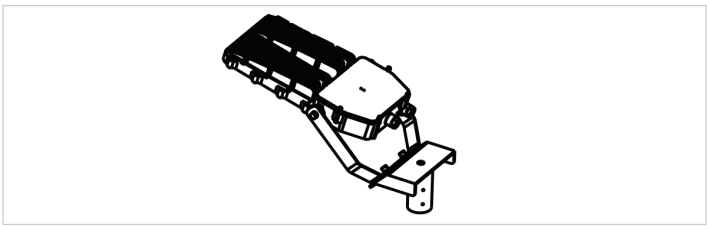
4. Arm mounting (B)



5. Slip fitter mounting



6. Bracket mounting



7. Stanchion mounting

Accessories



Adapter bracket



Light pole mounting bracket



Trunnion mounting kit



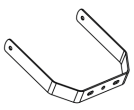
Arm mounting kit A



Adjustable arm mounting kit B



Slip fitter mounting kit



Steel bracket



Stanchion mounting bracket

Ordering Guide

Example: HLTA-V-150W-STA1-D-50-D90

#	Field	Options
1	**Model**	HLTA-V (STA1 / STA2 series hazardous location luminaire)
2	**Wattage**	STA1: max 200W STA2: max 150W
3	**Series**	STA1 / STA2
4	**Dimming**	D = Dimmable N = Non-dimmable
5	**CCT**	27 to 70 denotes 2700K to 7000K (e.g. 50 = 5000K)
6	**Beam angle**	D40 = 40° D60 = 60° D90 = 90° D120 = 120° T3 = T3 T5 = T5

DLC: For the exact DLC listing and DLC SKU, please contact Paraflex.

Disclaimer:
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