LED Explosion Proof Light
STA124 Series





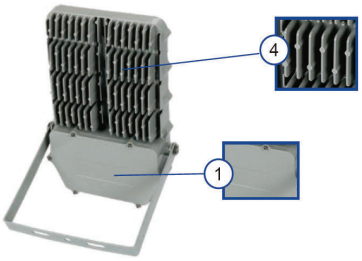
TECHNICAL SPECIFICATIONS - STA124 Series

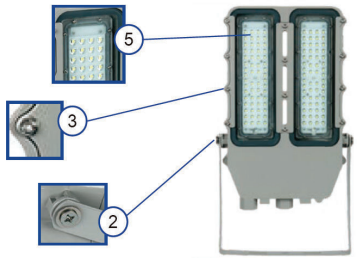
Classifications:

ATEX	Ambient Temperature:	Other Rating:
II2 G Ex db eb mb IIC T5/T6 Gb	-40 to 60° (-40 to 140°) (T6, 10W-100W)	IP66
II2 D Ex tb op is IIIC T95/80° Db	-40 to 60° (-40 to 140°) (T5, 100W-250W)	IP67
	-20 to 40° (-4 to 104°) (T6, 10W, in emergency)	IK09

Features

1. Independent wiring cavity makes wiring more convenient.
2. Angle disc design, faster installation and more precise adjustment of the aiming angle.
3. Stainless steel fasteners, better corrosion resistance.
4. Professional fin-shape channel design for faster heat dissipation.
5. Tempered glass, high light transmittance and impact resistance.
6. 0-10V dimming control.
7. Beam angles are optional: 40°/60°/90°/120°.
8. 5-year warranty.
9. Environmentally Friendly 50,000 hours lifespan.
11. Environmentally Friendly 50,000 hours lifespan.
12. Low temperature applications to -40°C (-40°F) and high temperature up to 60°C (140°F).
13. Best-in-class efficacy up to 120-140 lumens per watt.
14. Waterproof and dust-proof, without internal cleaning and maintenance.
15. Simple structure for easy and quick installation.





Typical applications include:

- Oil and gas industry
- Ocean, marine and aerospace field
- Food and alcohol industry
- Chemical industry
- Metal treatment
- Other high humidity, high dust, high temperature, vapor locations.

Standard Materials:

- Body: ADC12 aluminum
- Lens: Tempered glass
- Surface: explosion-proof joint surface

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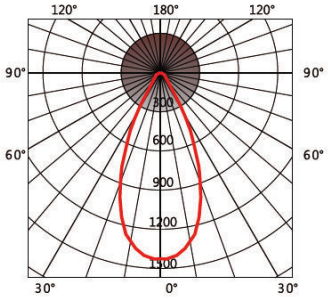
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TECHNICAL SPECIFICATIONS - STA124 Series

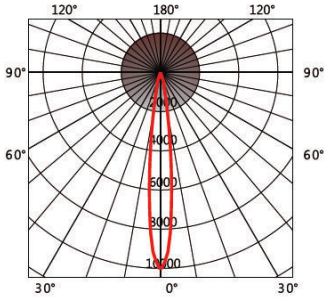
Technical Data

Model	Wattage	Operating Voltage	Total Lumens (lm)	Efficacy (lm/W)	CRI	CCT	Dimming
EX-xxxW-STA1	200-250W	AC100-305V 50/60Hz	24,000-35,000	120-140	>70	2200K-7000K	0-10V dimmable
EX-xxxW-STA2	10-150W		1,200-21,000				
EX-xxxW-STA4 A	10-35W		1,200-9,800				
EX-xxxW-STA4 B	40-70W		4,800-9,800				
EX-xxxW-STA4 C	80-140W		9,600-19,600				

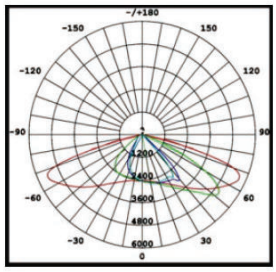
PHOTOMETRY STA124 Series



Ratio of distance to height: 0.7



Ratio of distance to height: 0.23



Type III

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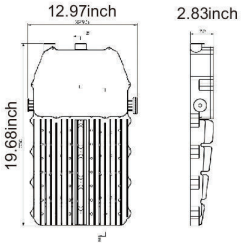
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DIMENSIONS
STA124 Series

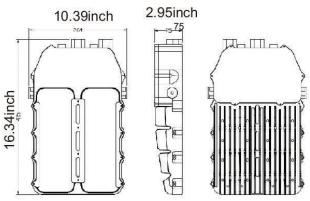
EX-xxxW-STA1





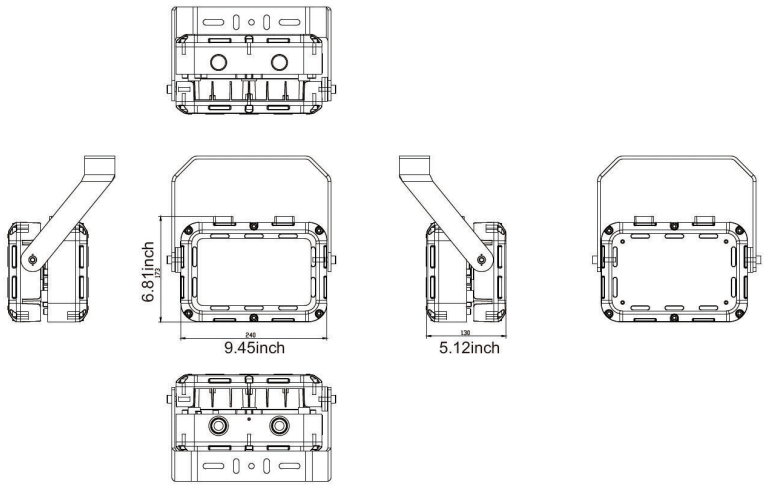
EX-xxxW-STA2





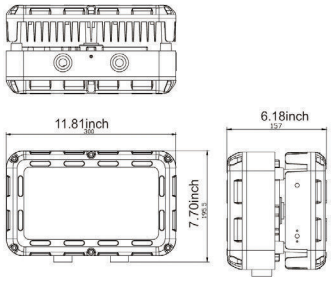
EX-xxxW-STA4 A





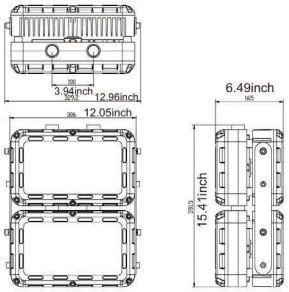
EX-xxxW-STA4 B





EX-xxxW-STA4 C





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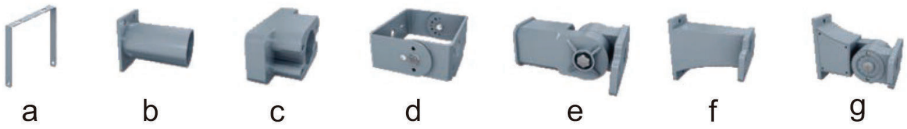
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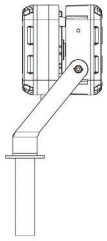
ACCESSORIES & MOUNTING
STA124 Series

EX-xxxW-STA1/2

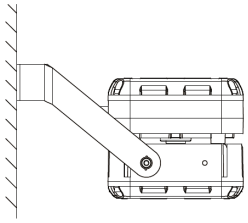


Features

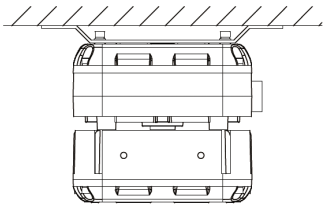
A. Hardware mounting bracket
B. Light pole mounting bracket
C. Adapter bracket
D. Trunnion mounting kit(TM)
E. Slip fitter mounting kit(SF)
F. Arm mounting kit A (AM-A)
G. Adjustable arm mounting kit B(AM-B)



Stanchion Mounting

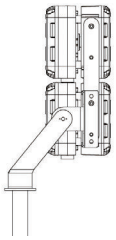


Wall Mounting

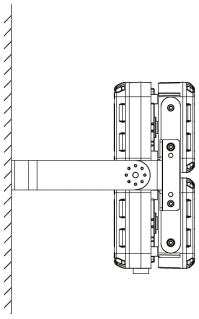


Ceiling Mounting

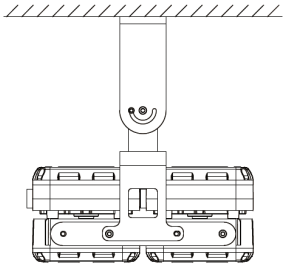
EX-xxxW-STA4



Stanchion Mounting



Wall Mounting

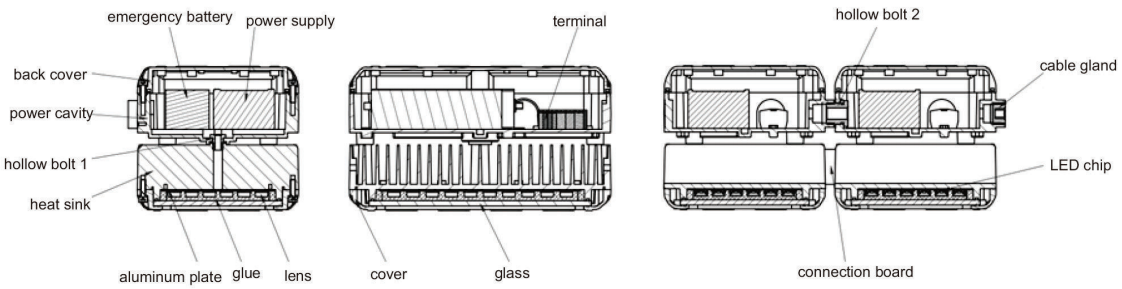


Ceiling Mounting

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CONSTRUCTION
STA4 Series



Notes:

The light source is covered with a lens, the whole light source part is sealed with glue, then sealed with transparent tempered glass.

An emergency battery which lasts for more than 90 minutes with 10 watt can be installed if needed.

According to the power rate, STA series include type A, type B, and type C. Type A and B are of single body.

Type C is of dual body, with the number of components doubled. The two parts of Type C are connected by connecting plates and hollow bolts.

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