



NAME: Rotating work light

P/N: AST-RW01-30WXYZA1-abd

Note:

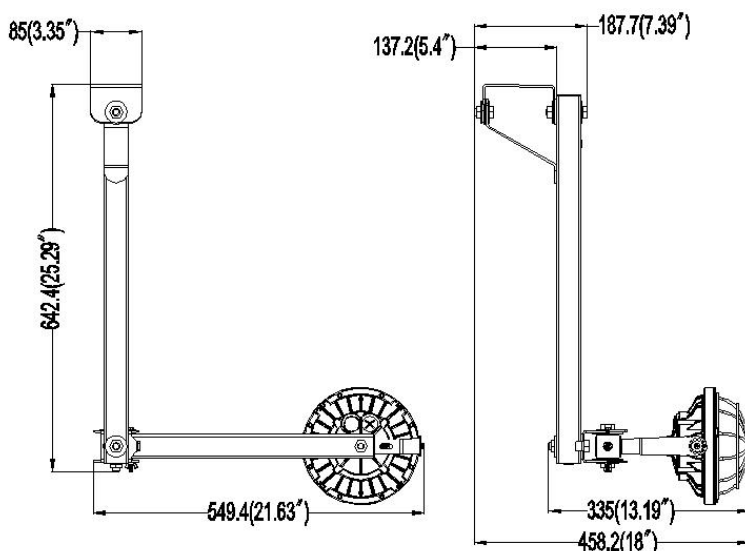
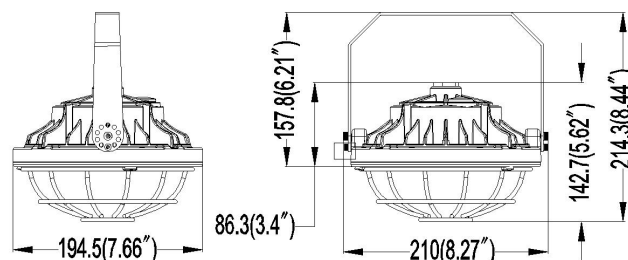
1. where "X" can be any alphanumeric digit for manufacturer and type of LED;
2. "Y" can be "S1" to "S9" or blank for different Diffuser light angle;
3. "Z" can be "D" or "S" for CCT tunable provided or not;
4. "a" can be any two letters for color of luminaire;
5. "b" can be "G" or blank for Guard provided or not;
6. "d" can be any digits for CCT.

Advantage:

- IP65, input voltage 120VAC, with 5-15P Plug.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO humming.
- Green and eco-friendly without mercury.
- Color tunable adjustable.
- ON/OFF function.

CERTIFICATIONS:

- UL 153.
- UL 8750.



Application:

- Dock, navigation opening ;
- Storage rack, storehouse, etc ;



TECHNICAL DATA SHEET

Product Specifications

Product name	Rotating work light
Part No	AST-RW01-30WXYZA1-abd
Dimension	642.4*549.4*458.2 mm or 25.29"*21.63"*18"

Technical Characteristic

Color temperature	3000K-6500K or 3000K/4000K/5000K (CCT adjustable)		
CRI	>80		
Cover	Flat glass	Flat glass+Lens	Flat glass+Lens + Guard
Lumen	≥4140 LM	≥4050 LM	≥3690 LM
Lumen Efficacy	≥138 LM/W	≥135 LM/W	≥123 LM/W
Viewing Angle	15° /80° /110°		
Input Power	30W		
Input Voltage	AC 120V 50/60Hz		
Driver Brand	China Brand Driver (L/N-PE: 4KV L-N: 4KV)		
PF	>0.9		
THD	/		
Waterproof Rating	WET (IP65)		
Dimming	/		

Materials

LED Brand/ LED Type	Lumileds / SMD2835 (1W)
LED QTY	72PCS (untunable) or CCT tunable (3000K)72PCS+(5000K)72PCS
Housing	Aluminum Alloy
Housing color	Any Colors
Cover	Glass

Others

Operating Temperature	-40℃ TO 45℃
Operating Humidity	10%-90% RH
Storage Temperature	-40℃ TO 80℃
Storage Humidity	10%-95% RH
Application	Indoor/Outdoor
Safety Certification	UL/cUL
Warranty Time	5 Years



Light Distribution Testing Parameters

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.5 V

Power: 31.22 W

Current: 0.263 A

Power Factor: 0.987

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 4057.6 lm

Efficiency: 100%

Upward Ratio: 3%

Central Intensity: 1977.55 cd

Pos of Max. Intensity: H337.5 V8

Longitudinal Classification: Very Short

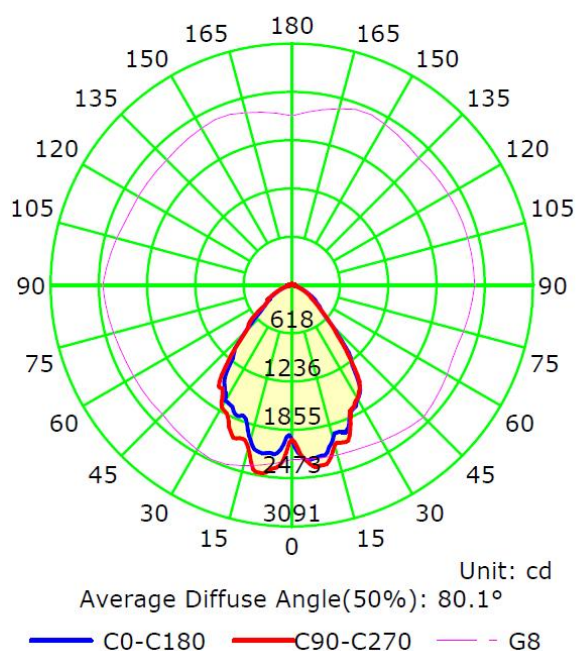
Measurement Flux: 4057.6 lm

Downward Ratio: 97%

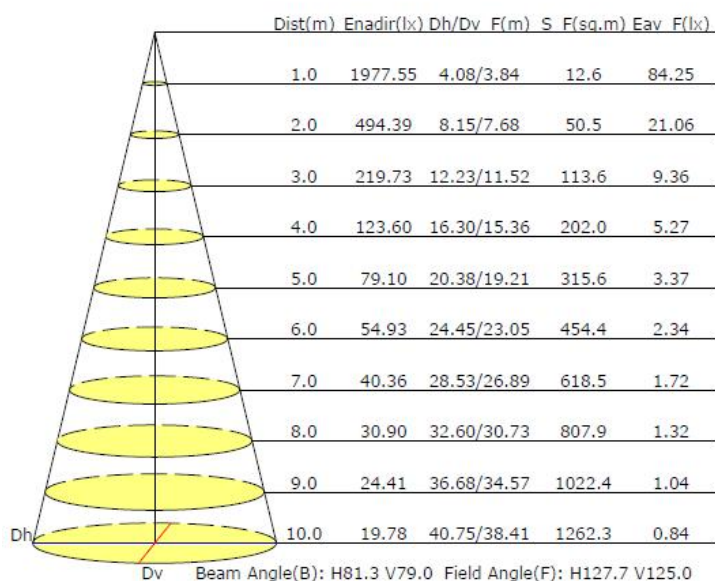
Luminaire Efficacy Rating (LER): 130.02

Max. Intensity: 2473.5 cd

Luminous Intensity Distribution Curve

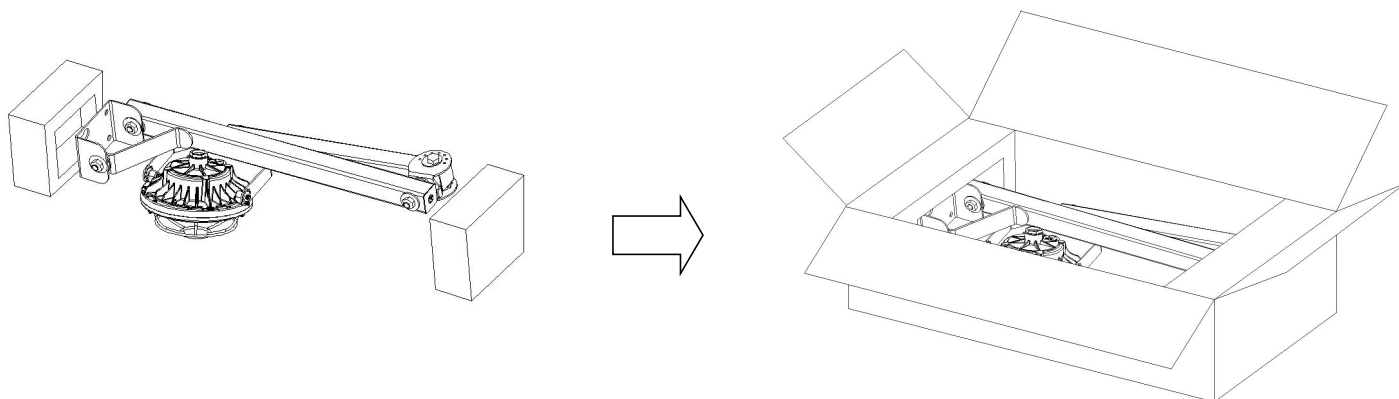


Illuminance at a Distance(Field Angle)



Package

Lamps Net Weight		5.8KG
Outer box	size	687*340*242mm
	Qty/ Carton	1 PCS
	Weight/Carton	7KG



Notice For User

- ◆ when installing the conduit, remove the compression nut on the screw thread of the lamp. Requirement of waterproof for fixture connection and requirement of conduit system connection should according to the local regulations.
- ◆ Please turn off power before install or change assembly parts.
- ◆ The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- ◆ No-professionals, must not install and disassemble the lamps.

Trouble Shootings

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.