

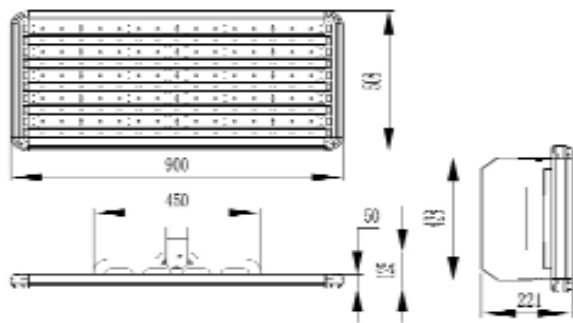


Sun-In-One™
New Electrical Solar Light and Power Products



SPECIFICATIONS

TOTAL WATTAGE CONSUMPTION	328 +/- Watts
LED TYPE	CREE XPE
INPUT VOLTAGE	100-277 VAC
COLOR TEMP (ANSI)	2700K – 7000K Optional
CRI (Color Rendering Index)	>80
OUTPUT	25,500 Lumens
BEAM ANGLE	60/90 Degrees
DIMENSIONS	35.4" (L) X 20" (W) X 8.7" (D)
LIFE SPAN	>50,000 Hours
OPERATING TEMPERATURE	-31°F - 131°F
ENVIRONMENTAL RATINGS	IP65 Body with IP67 Driver
WARRANTY	5 Years
CERTIFICATIONS	UL, LM80 and RoHS
NET WEIGHT	33.7 Lbs.



ORDERING INFORMATION FOR 300W LED FLOOD LIGHT

GL-FLS-300W-CXPE-WW (3200K)
GL-FLS-300W-CXPE-CW (5000K)

LED Flood Light - 300W



FEATURES / BENEFITS

- High Luminance and Low Power Consumption
- Super Long Life and Simple Installation
- 25,000 Lumens of Brilliant White Light
- IP65 Rated, Water and Dust Proof
- Replaces for 1000W Metal Halide
- Resistant to Shock and Vibration
- Superior Color Rendition compared to MH
- 70% Energy Savings compared to MH
- No Destructive UV or RF Interference
- No Mercury, and is RoHS Compliant



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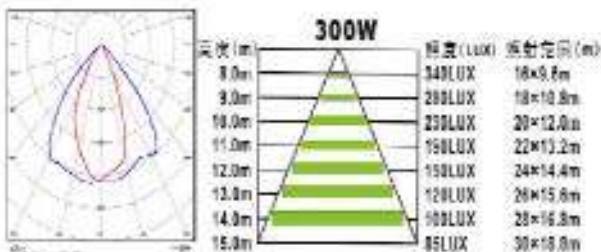
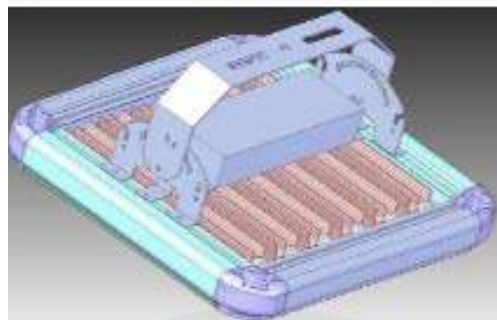
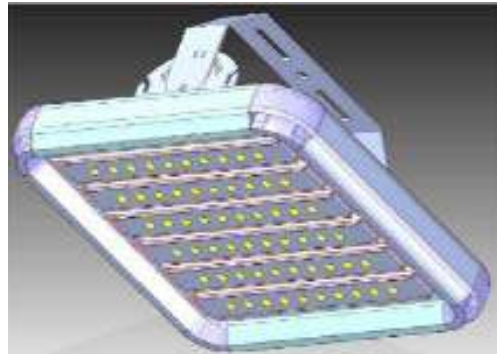
LED FLOOD LIGHT – 300W, continued

DETAILED SPECIFICATIONS

INPUT VOLTAGE	AC 100-277V
FREQUENCY RANGE	47HZ~63Hz
TOTAL HARMONIC DISTORTION (THD)	>0.95
POWER EFFICIENCY OF DRIVER	>91%
LED WORKING VOLTAGE	DC 42-56V
LED QUANTITY	150 PC CREE XPE LM80
LED CONSUMPTION	284W +/- 8W
SYSTEM CONSUMPTION	324W +/- 8W
LED LUMINOUS EFFICIENCY	>80 lm/W
LED LUMEN BRIGHTNESS (FLUX)	21,750 – 25,500 Lumens
LAMP EFFICIENCY	>91%
COLOR TEMPERATURE	2700K – 7000K (Selectable)
COLOR RENDERING INDEX	Ra 80
LIGHT DISTRIBUTION	Symmetry/Rectangle
LIGHT DESIGN	LED 60/90°
HEAT SINK SURFACE TEMP	44°C
WORKING TEMPERATURE	-35°C ~ +60°C (-31°F ~ 131°F)
ID GRADE	IP65
NET WEIGHT	26.2 Lbs.
WORKING LIFE SPAN	50,000 Hour

- High power LED designed with proven CREE XPE super high brightness LEDs, LM80 certification having high heat-conducting capacity, low light degradation, and pure color
- Unique heat-sinking designed to conduct heat effectively to guarantee long life
- IP65 rated with compact, dustproof and waterproof design
- Energy-saving over 70% power compared to Metal Halide Lamps
- Constant current LED Driver UL & IP67 rated with broad voltage input (AC 100-277V)

Product Profile



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LED FLOOD LIGHT INSTALLATION GUIDE

1. Check carefully to ensure all screws and the handle are prepared in the package.



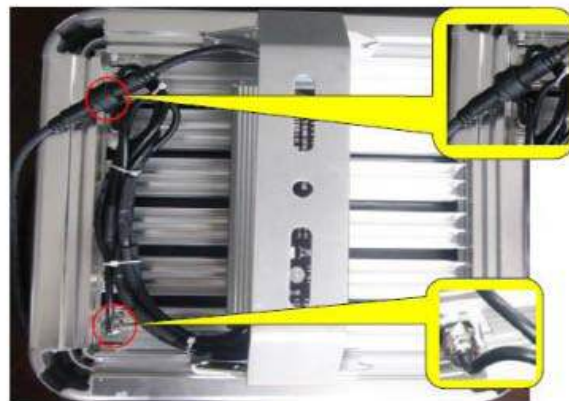
2. Remove the screw from the light bracket.



3. Fix the handle to the light body with the screws and ensure all the screws are securely tightened.



4. Double check all the cable connections are properly done before hanging, then power up.



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LED FLOOD LIGHT – 300W, continued



CAUTION:

- Turn off power before cable connection
- Anti-static hand ring is required when replacing any electronics components
- Ensure all the AC power connections are properly done before turning power on
- Do not touch the power driver when power is on
- Turn off power in case of any maintenance

Description	Analysis	Analysis
LED lamp does not light	1. Check whether the power line connection is right	1. Reconnect the power line in the right way
	2. Check whether the power plug is loose	2. Re-plug the loose power plug
	3. Driving power supply failure	3. Replace with new driver
	4. LED light source has been damaged	4. Replace a new LED light source
LED lamp light output is dim	1. Driving power output is abnormal	1. Replace with new driver
	2. LED light source supply failure	2. Replace with new LED light source
LED lamp is flashing	3. Driver output is abnormal	3. Replace with new driver



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