

STL-3G

Project Name:	
Type:	



APPLICATION

The LED sports light is the ideal solution for outdoor sports lighting such as municipal, school and semiprofessional outdoor sports lighting.

FEATURES:

- Dynamic thermal management design maximizes heat dissipation and significantly improves the life of luminaires.
- Built-in surge suppression adds an extra layer of protection to the luminaire driver.
- Versatile mounting bracket for hassle-free installation.
- High thermal conductivity with the use of pure aluminum.
- Sealed die-casting profile for outdoor applications
- Low profile, 3G vibration rated compact design minimizes wind load requirements.
- Housing is completely sealed against moisture and environmental contaminants (IP65).

MOUNTING:

- Trunnion mount is standard.

OPTIC:

- Available in NEMA 4Hx4V distributions.
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.

LED:

- Osram5050 LED.
- Color Rendering Index: >70 is standard.
- Color Temperature: 5000K
- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

ELECTRICAL:

- Standard with 0-10V dimming driver(s).
- Universal 120-277 VAC or 347-480 VAC input voltage.
- Built in surge suppression with max.20KV @120-277V(Max.40KV @277-480V).
- THD: ≤20%
- Power Factor: ≥90%
- Ambient operating temperature: -40°C to 45°C (-40°F to 113°F)

LISTING:

- UL, cUL wet location listed.
- DLC premium listed. ¹
- LM-80, LM-79 and TM-21.
- IP65 rated.
- 10 years limited warranty.
- ARRA compliant. (optional)

ORDERING INFORMATION

EXAMPLE: STL-3G-600LED-50K-UNV-BK-44

MODEL	LED		COLOR TEMP.		VOLTAGE		FINISH		DISTRIBUTION	
STL-3G	505LED 600LED 850LED	505W LED 600W LED 850W LED	-50K	5000K (Std.)	UNV HV	120-277V 347-480V	BK	Black (Std.)	44	4H*4V distribution type

DIMMING		MOUNTING		OPTIONS	
(Blank)	0-10V Dimming	(Blank)	Trunnion	LR ARRA	Laser Assembled in USA for Buy American act

NOTES:

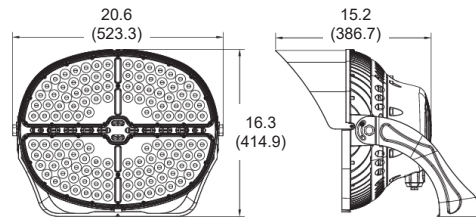
1. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

STL-3G

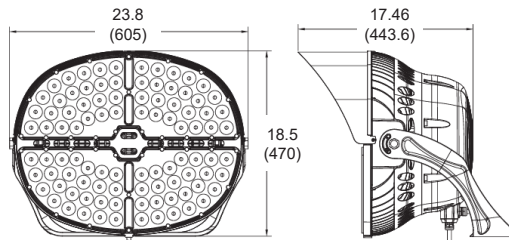
CONFIGURATIONS

Model	Model#	AC Input	Lumen Output	Lumen Efficiency	EPA Rating With Visor	Weight (with visor)
STL-3G	505LED	505W	70000 lm	139lm/W	1.89 ft ²	39.26 lbs / 17.8 kg
	600LED	600W	82000 lm	137lm/W	1.89 ft ²	40.99 lbs / 18.5 kg
	850LED	850W	118150 lm	139lm/W	2.54 ft ²	63.47 lbs / 28.7 kg

DIMENSIONS



505/600W



850W