

750W STADIUMPRO IV | LED SPORT LIGHT



RuggedGrade

PRODUCT DESCRIPTION

THE STADIUM PRO SERIES EVOLVES WITH THE SERIES III! 7 YEAR WARRANTY! MORE EFFICIENT WITH HIGHER LUMENS, TOP-TIER SOSEN VP DRIVERS, AND A NEW SIMPLE SLIP-FIT MOUNT OPTION. THE STADIUM PRO III IS UL CERTIFIED - THE PINNACLE OF SPORT LIGHTING!

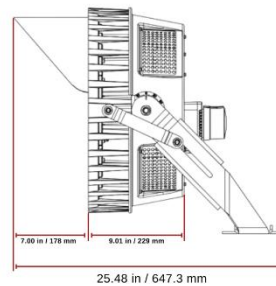
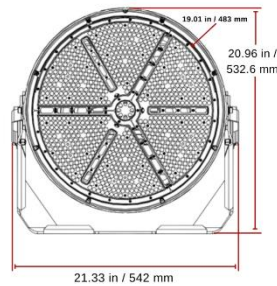
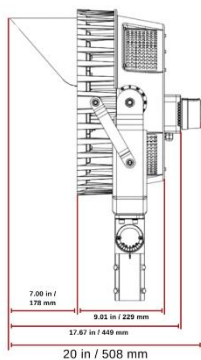
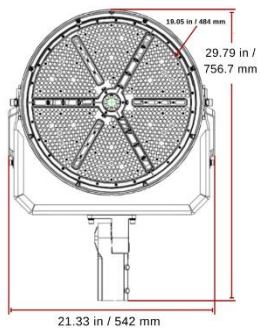


Part #: RGL-STADIUMPRO-4-750W

PRODUCT FEATURES & COMMON USE APPLICATIONS

- ✓ UL cUL DLC-V5.1(Premium) certificate
- ✓ Input voltage 120-277Vac
- ✓ No UV or IR in the beam
- ✓ Easy to install and operate
- ✓ Energy saving, long lifespan
- ✓ Instant start, NO flickering, NO humming
- ✓ Green and eco-friendly without mercury
- ✓ Output constant current lever can be adjusted through output cable with 0-10V.
- ✓ Stadium Fields
- ✓ Gymnasium
- ✓ Square plaza
- ✓ Shipyard, Airport, wharf
- ✓ High mast and Contour lighting, etc.

PRODUCT DIMENSIONS



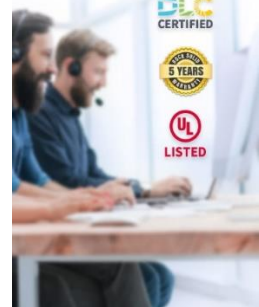
LEGENDARY USA SUPPORT



US based phone and online customer support

DLC CERTIFIED

5 YEARS WARRANTY



Rugged Grade Lighting
Industrial Grade Solutions



888-953-2476
sales@ruggedgrade.com



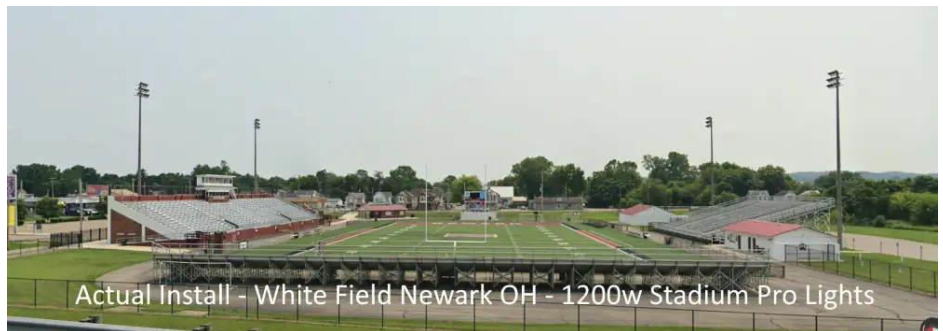
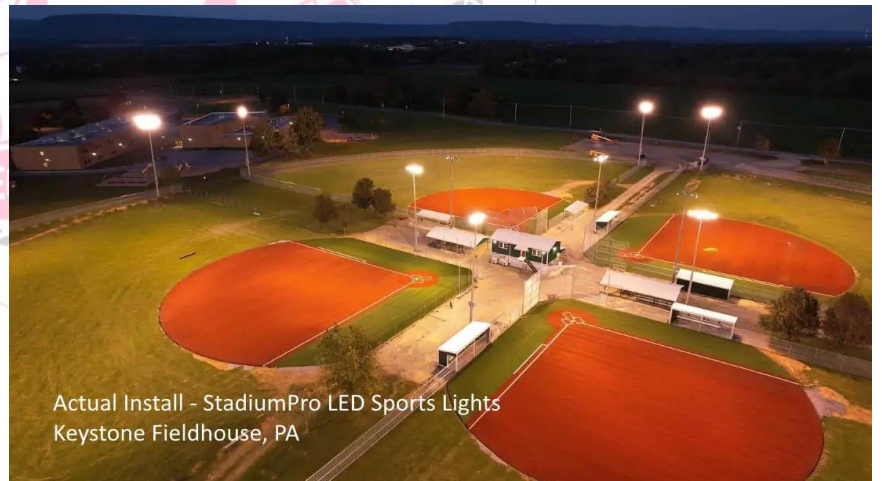
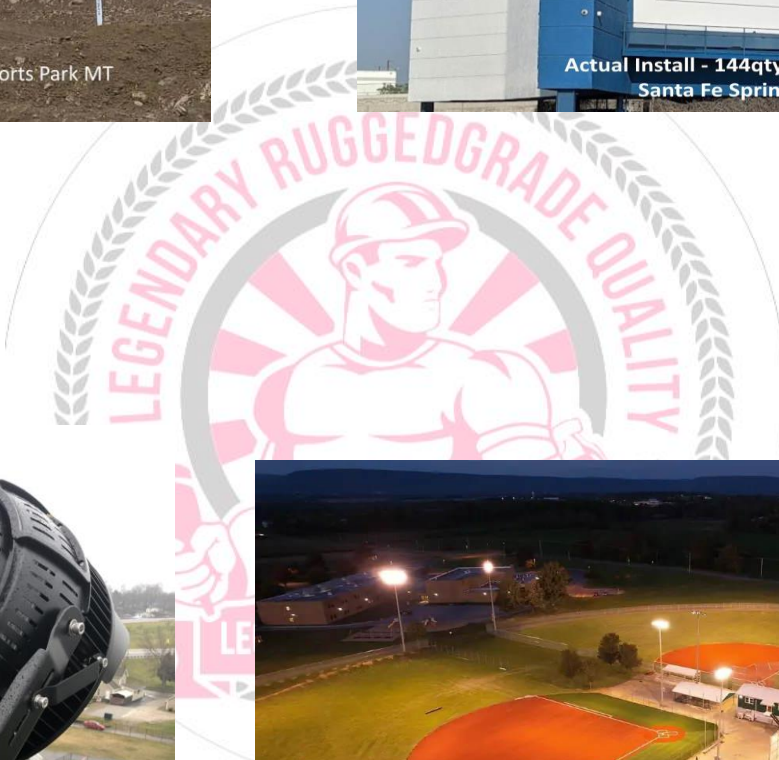
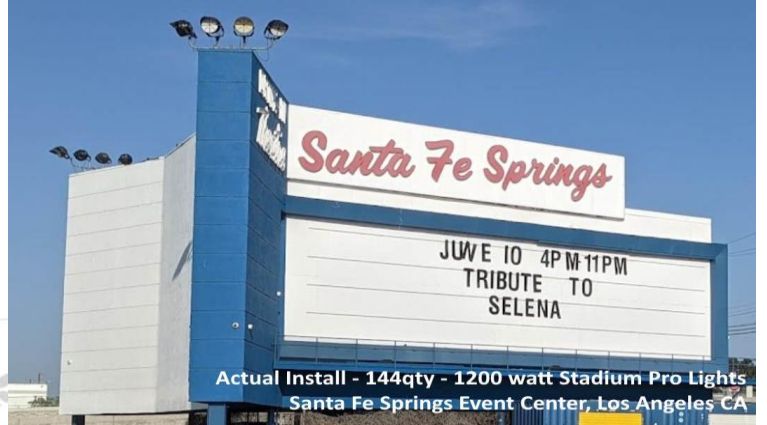
PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance: ±10%)	750W			
	Color Temperature	4000K	4500K	5000K	5700K
	Lumen (Tolerance: -10%)	101250 LM	102000 LM	102750 LM	103500LM
	Efficacy (Tolerance: -3%)	135 LM/W	136 LM/W	137LM/W	138 LM/W
	CRI	>70			
	Color Consistency	< 6 Steps (or < 6 SDCM)			
	BUG	B5-U0-G3			
	Distribution Pattern	NEMA:4/NEMA:6/NEMA:7			
Beam Angle (50%) (Tolerance: ±15%)	30° (Optional:20° /40° /60°)				
ELECTRICAL	Input Voltage and Frequency	277-480VAC, 50/60Hz			
	PF (Tolerance: -3%)	≥0.9			
	THD (Tolerance: +5%)	≤20%			
	Flicker Percent	<5%			
	Driver Brand	SOSEN			
	Driver Model	SS-240VP-56BH*3PCS			
	Driver Surge protection	L/N-PE: 10kV, L-N:6kV			
	Dimming	0-10V dimming standard			
Optional Accessory	Sensor Receptacle + Photosensor /Sensor Receptacle + Short Cap /Surge-protective Device				
MATERIALS	LED Brand	Bridgelux			
	LED Type	SMD3030			
	LED QTY	504 PCS			
	Housing	Die-cast aluminum			
	Housing Color	Black, White, Bronze, or Customized			
	EPA	2.4 ft ²			
OTHERS	Waterproof Rating	WET (IP65)			
	Operating Temperature	-40°C TO 45°C			
	Storage Temperature	-40°C TO 80°C			
	Operating Humidity	20% - 90% RH			
	Storage Humidity	10% - 95% RH			
Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C.				

PRODUCT ACCESORIES



PRODUCT IMAGES & ACTUAL INSTALLATIONS





PHOTOMETRICS

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.6 V

Power: 769.90 W

Current: 6.389 A

Power Factor: 0.998

Photometric Results

CIE Class: Direct

Measurement Flux: 112688.1 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H56.2,H30.9

Vertical Diffuse Angle(10%,50%): V56,V30.4

Luminaire Efficacy Rating (LER): 146.42

Max. Intensity: 308343.44 cd

S/MH(C0/C180): 0.51

Total Rated Lamp Lumens: 112688.1 lm

Efficiency: 100%

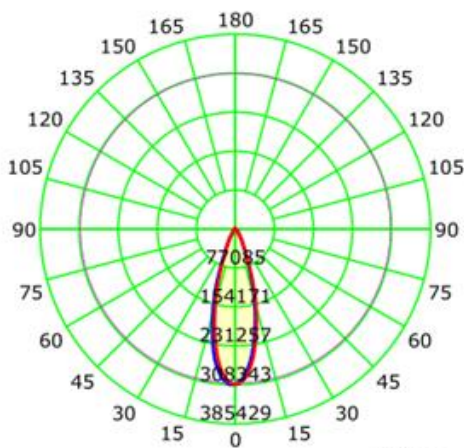
Upward Ratio: 1%

Central Intensity: 307192.16 cd

Pos of Max. Intensity: H180 V1

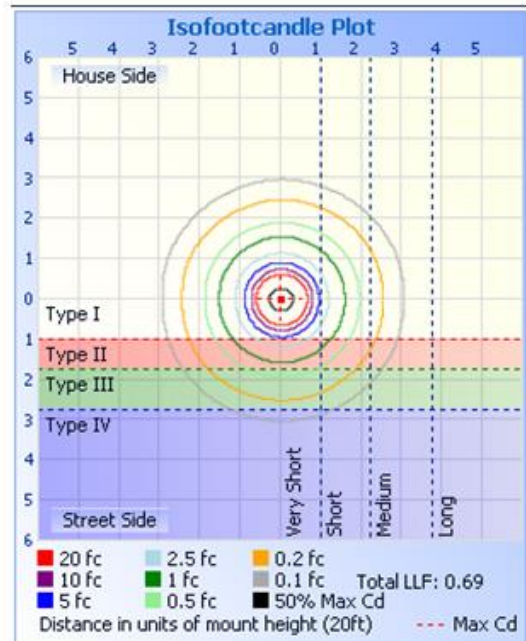
S/MH(C90/C270): 0.50

Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 30.6°

— C0-C180 — C90-C270 — G1

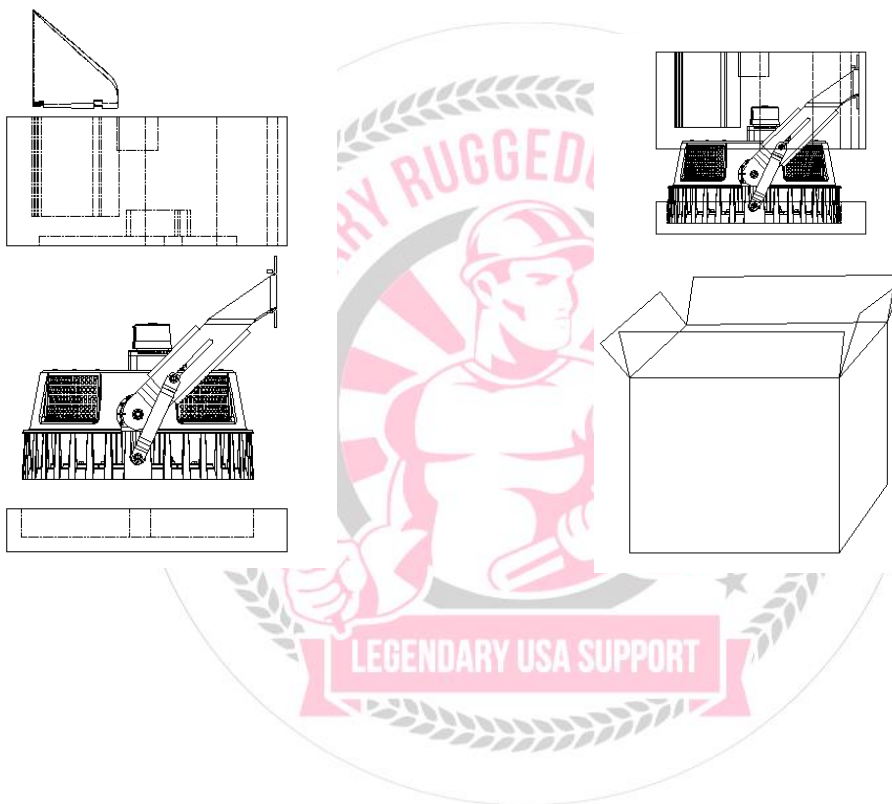




PRODUCT PACKAGING

Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
595*595*530 MM	1 PC	28.0 KG	32.5 KG

*Tolerance of Carton Size: ± 15 MM, Tolerance of Weight: $\pm 10\%$.



PRODUCT WARNINGS

- ⚡ 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.
- ⚡ Professionals must install and disassemble the lamps.
- ⚡ Surge is the number 1 cause of LED light failure. Outdoor lights must have surge at fixture, pole, and breaker.
- ⚡ Surge is the number 1 cause of LED light failure. Indoor lights must have surge at fixture and breaker.

PRODUCT TROUBLESHOOTING

Issue	Check points
Light Flickers	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. Lights with photocells can have photocell tag from ambient light or light reflecting at the sensor. Simply cover the photocell completely and see if flickering continues while the photocell is covered. Call Tech Support for help if none of the above solves the issue.
Light does not work at all.	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. If input voltage is not in the voltage range of the fixture, you will need to find the source of your input voltage issue. Call Tech Support for help if none of the above solves the issue.

For more technical information, install questions, troubleshooting help or warranty claims, we have a dedicated US Tech and Customer Support Team to help solve any issues you have and can be reached by email or phone. If you need help with any of our products, we are here for you so that you are never in the dark!

BETTER LIGHTS. BETTER SUPPORT.

