

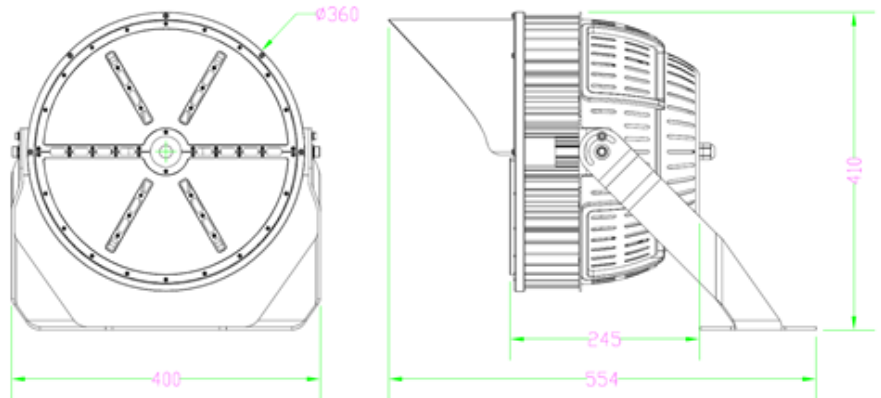


LED SPORTS LIGHTING

PART NUMBER: RG-STADIUM-I-500W

Advantage:

- UL cUL certificate
- Input voltage 100-277Vac/200-480Vac
- 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 1-10V



Application:

- ◆ Stadium, Arenas, Soccer, Football, Baseball Etc
- ◆ Shipyard, Airport, Marinas, Freeways
- ◆ High mast lighting

STADIUM PRO SERIES – TECHNICAL DATA

DLC Premium Verified – Over 65K Lumens

Model# RG-Stadium-I-500WMBT3B1-a[S;Blank]50



Manufacturer: RuggedGrade
Brand: RuggedGrade
Technical Requirements Version: 4.4
Date Qualified: 12/04/2018
Product ID: PO19TM0J

Classification

Main: Outdoor Luminaires
General Application: Very High Output
Primary Use: Architectural Flood and Spot Luminaires
System Type: AC

Classification: Premium
Is Parent Product: No
DLC Family Code: VVVXLD
Listing Status: Listed

[View Notes](#)

Reported Data

Zonal Lumens

Spacing Criteria

Product Features

Version History

Family Data

Light Output: 65683.9 lm
Wattage: 511.04 W
Efficacy (AC): 128.53 lm/W
Power Factor: 0.9
CCT: 5000 K
CRI: 70
Total Harmonic Distortion: 15 %



STADIUM PRO SERIES – TECHNICAL DATA

Product Specifications

Product name	LED Sport Light
Part No	RG-Stadium-I-500WMBT3B1 SKU: 45-163
Dimension	554*400*410 mm

Technical Characteristic

Color temperature	5000K (avail 2700-6500k)
CRI	>72
Lumen	62000-72500LM
Input Power	500W
Lumen Efficacy	125-145 LM/W
Beam Angle(50%)	30°
Field Angle(10%)	60°(NEMA:4)
Input Voltage	100-277Vac 50/60Hz (200-480vac available)
Driver Brand	Mean Well HLG-240H-48B
PF	>0.9
Waterproof Rating	WET(IP65)
EPA	1.49ft ²

Materials

LED Brand	LUMILEDS
LED Type	SMD 3030
LED QTY	504 PCS
Housing	Aluminum
Housing color	Black (Brown/white/Customized avail)
Cover	LENS
Operating Temperature	-40°C TO 45°C
Operating Humidity	10% RH -90% RH
Storage Temperature	-40°C TO 80°C
Storage Humidity	10% RH -90% RH
Application	Outdoor
Safety Certification	UL cUL
Warranty Time	5 Years

STADIUM PRO SERIES – TECHNICAL DATA



Light Distribution Testing Parameters

Luminaire Property

Luminaire Manufacturer:

Voltage: 480.9 V

Power: 481.75 W

Current: 1.0381 A

Power Factor: 0.965

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 64385.9 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 611665.93 cd

Pos of Max. Intensity: H0 V2

Longitudinal Classification: Very Short

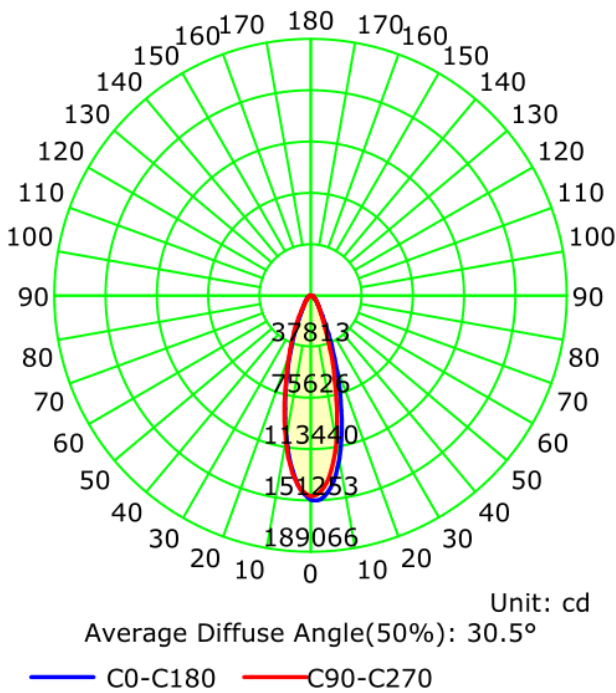
Measurement Flux: 64385.9 lm

Downward Ratio: 100%

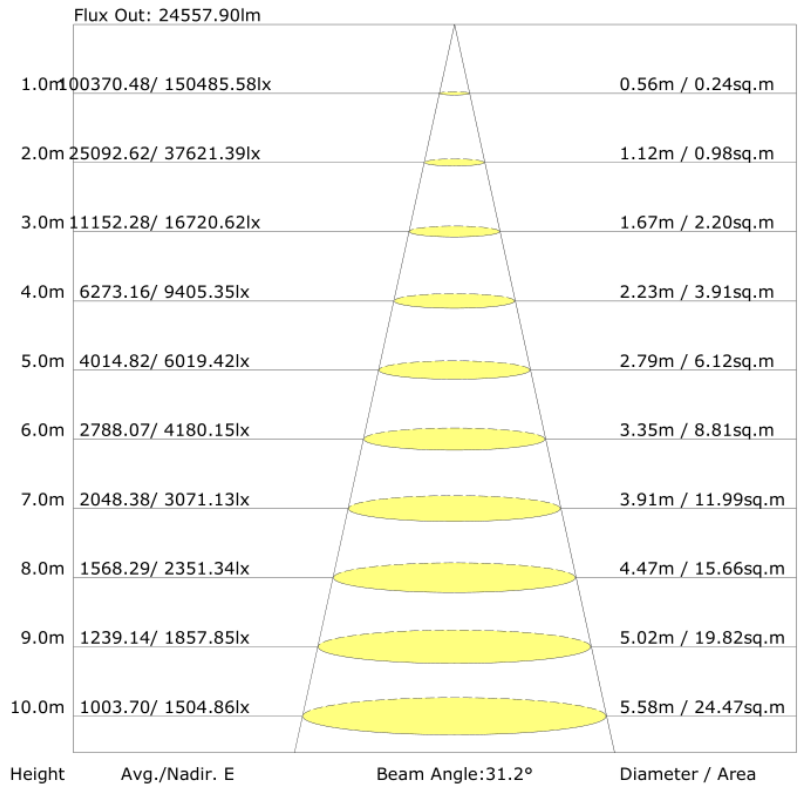
Luminaire Efficacy Rating (LER): 133.65

Max. Intensity: 611665.93 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



Package

Lamp Net Weight: 14.7 KG / PC

	Size	Qty / Carton	Gross Weight / Carton
Outer box	480*480*470 mm	1 PC	17.1 KG



Notice For User

- ◆ 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.



STADIUM PRO SERIES – TECHNICAL DATA
