

Product Description

This state of the art sports flood is made with high strength die cast aluminum with elite thermal dissipation to allow the fixture to be installed in harsh conditions. This luminaire comes standard with a U bracket and bolt option, to accommodate all mounting applications. Utilizing 4 different optical distributions (20, 30, 40, and 50 degree), this fixture can accomplish all your sports lighting requirements for a photometric masterpiece on your project.

> Quick Ship - In Stock, Ready to Ship

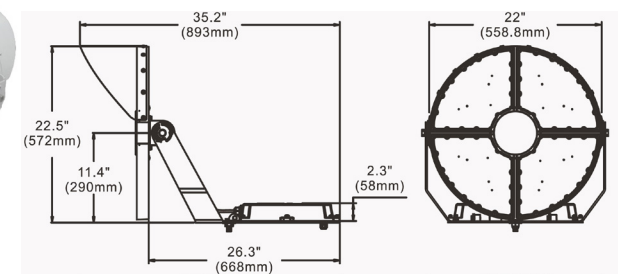
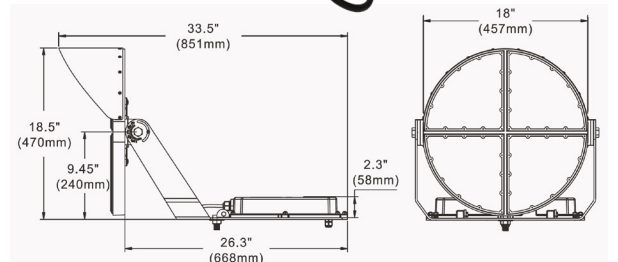
Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

Performance Summary

- Energy-efficient Bridgelux 5050 SMD LEDs with high efficacy >155 Lm/W
- In stock and ships from several U.S. locations for quick delivery
- Better visibility than HID or fluorescent with crisp, white light in 5000K CCT
- Patented design with high quality components, excellent choice for retrofitting
- Solid State with high-shock and vibration resistance
- Designed for use in high vibration and extreme outdoor conditions
- Die cast aluminum head and driver box with a steel frame
- Bronze UV stabilized powdercoat finish
- Streamlined housing, no rough edges or scraping, with 304 stainless steel hardware
- Housing and driver compartment is one piece to maximize heat dissipation
- 1/9th LED micro color binning enables tight color control
- Hot color targeting ensures color is within ANSI bin compliance
- CNC machined LED boards are flatness controlled to 0.1mm to speed up heat dissipation
- PMMA Shatterproof Anti-UV polycarbonate optic lens over the LEDs
- Optic lens reduces LED glare and enhances uniformity
- Advanced, serviceable, constant current Sosen driver
- High power factor with IC controlled LED circuits and low THD driver
- Cooling fins are added to decrease the ambient temperature
- Low junction temperature for long life and low lumen depreciation
- Instant illumination and restrike with no warm up or cold start issues
- Contains no mercury, lead, infrared or UV radiation and cool to the touch
- 5/8" bolt included for mounting the bracket to a crossarm
- 20kV surge protection standard
- 20' power cord whip standard
- Commercial CRI: RA>70
- Operating temperature: -40 to 50 degrees celsius
- 100,000 hour LED life of maintenance-free, safe operation
- IP65 rated for indoor or outdoor locations
- Certifications: CE, RoHS, FCC, UL, cUL, DLC
- 10 year limited warranty

Raptor SP

Flood & Sports Lighting
LED Luminaire



Models & Options:

- WD2818: 575W - 18" - 88,238 Lm - 70 Lbs - EPA 2.5
- WD2822: 850W - 22" - 143,627 Lm - 95 Lbs - EPA 3.7

Ordering Information:			Part Number:		
*Adder Applies			Ordering Example: WD2818-50-20-UNV-GR-UB		
Family	CCT	Optic	Voltage	Finish	Mounting
WD2818 WD2822	50 - 5000K	20 - 20 Degrees 30 - 30 Degrees 40 - 40 Degrees 50 - 50 Degrees	UNV - 200-528V	GR - Gray RAL 9006 CS - Custom*	UB - U Bracket with Bolt Mount



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Dimensions, specifications, and product pictures are subject to change without notice.

Dimensional pictures are for reference only. They do not represent the actual fixture's shop drawing or design.

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