USLED
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Project	Date

Catalog Number	Type

RSL1

LED Round Sports Light



Product Performance Summary

Lumen Output	**Up to 183,756 lumens**
Efficacy	**Up to 153 LPW**
CRI	**≥ 70 CRI**
Available CCT	**4000K, 5000K & 5700K**
Warranty	**Five-Year Warranty**

Product Overview

The RSL1 LED round sports light will give you the game-changing performance you need to professionally illuminate any sports venue. With multiple optics and mounting options, you'll get the light exactly where it's needed the most - right in the middle of the action! If you are ready for the next level of athletic performance, there are additional intelligent lighting controls available.

Key Features

- Combines superior performance and advanced thermal management in an appealing design.
- Excellent uniformity that accurately renders true colors on the sports field.
- Versatile mounting options provide operational flexibility for any outdoor installation.
- Additional intelligent lighting controls and monitoring capabilities available.

Construction

- Rugged die-cast aluminum design protects integral components from harsh environments and optimizes thermal management.
- Housing is protected by a corrosion resistant powder coat finish.
- IP65 rated optics offer protection from outdoor conditions.
- LED driver is mounted in contact with the casting to assist low operating temperatures and maintain long life.

Electrical

- 120-277V or 277-480V available.
- 0-10V dimming standard.
- Operating temperature: -40°C to 45°C (-40°F to 113°F)

Optics

- Industry leading LEDs with 4000K, 5000K, and 5700K CCT (minimum 70 CRI).
- Lumen Maintenance: 174,000 Hours (L70). [1]
- Choice of precision-molded optics.

Mounting

- Trunnion or adjustable slip fitter mount options available.

Warranty

- Backed by US LED's Five-Year Warranty.

Product Applications

- University Arenas
- Collegiate Arenas
- Pro Arenas
- Sports Fields
- Tennis Courts
- Gymnasiums
- Field Houses
- Race Tracks
- Recreation Areas
- Security Lighting

Product Certifications

- UL Listed
- Complies with UL1598 and CSA C22.2
- Suitable for Wet Locations
- IP65 Rated Enclosure
- RoHS Compliant

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Ordering Information

Example: RSL1-500-UNVL-50-30-BK-FM

RSL1						
Series	**Model**	**Input Voltage**	**CCT**	**Optics**	**Finish**	**Mounting [2]**
	500 500W	**UNVL** 120-277V	**40** 4000K	**15** 15°	**BK** Black	**FM** Trunnion
	600 600W	**UNVH** 277-480V	**50** 5000K	**20** 20°		**AM** Adjustable Slip Fitter
	750 750W		**57** 5700K	**30** 30°		
	1000 1000W			**40** 40°		
	1200 1200W			**60** 60°		
				80 80°		
				90 90°		

Accessories	
D0	Photocontrol
D1	Aiming Laser
D2	Wireless Control
C	Casambi-Enabled DMX Control

1. US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.
2. Mounting included in the luminaire pricing.

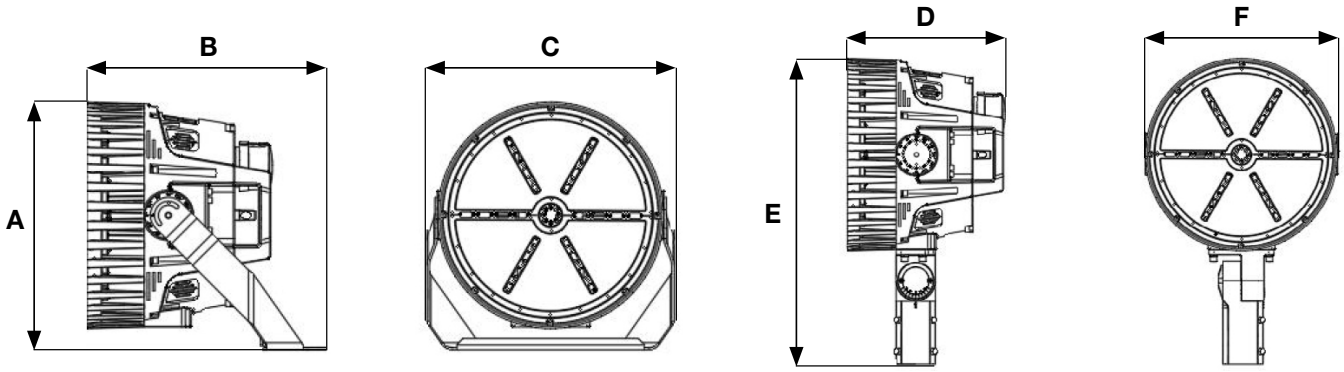
RSL1

LED Round Sports Light

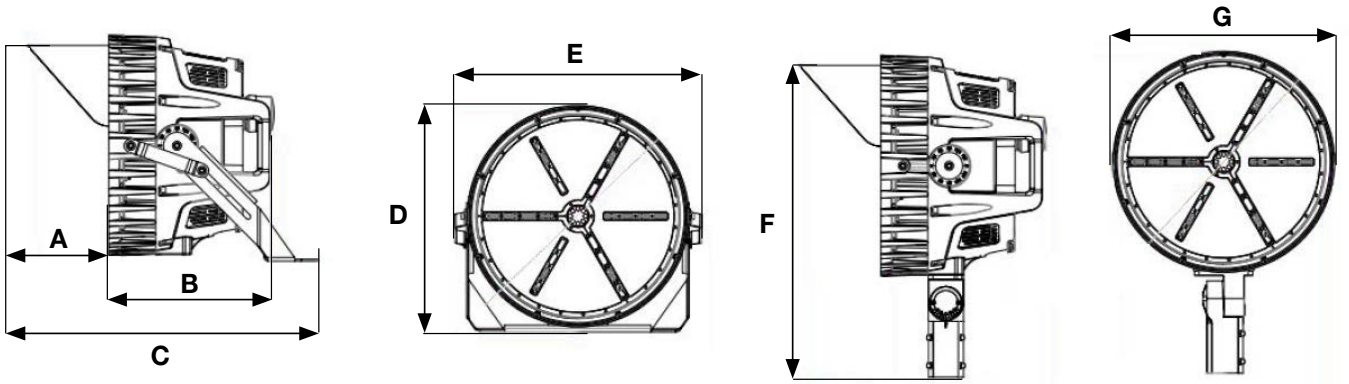
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Dimensions

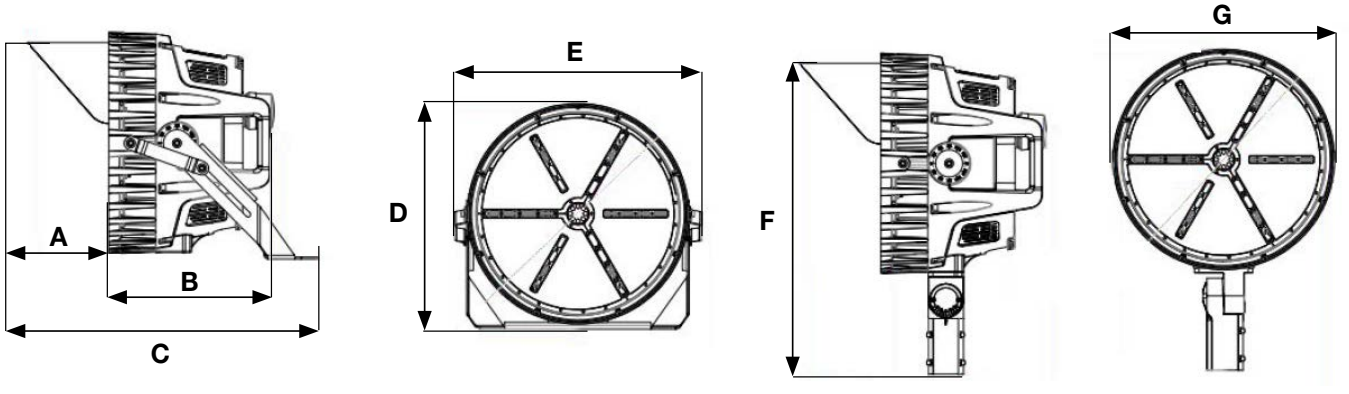
Model	A	B	C	D	E	F	Net Weight	EPA
500/600	16.1 in. ± 0.4 in.	15.9 in. ± 0.4 in.	16.1 in. ± 0.4 in.	12.1 in. ± 0.4 in.	23.5 in. ± 0.4 in.	14.8 in. ± 0.4 in.	39.7 lbs. [18kg]	1.6 ft.²



Model	A	B	C	D	E	F	G	Net Weight	EPA
750	7.0 in. ± 0.4 in.	13.9 in. ± 0.4 in.	25.0 in. ± 0.4 in.	19.4 in. ± 0.4 in.	21.3 in. ± 0.4 in.	27.6 in. ± 0.4 in.	19.1 in. ± 0.4 in.	58.4 lbs. [26.5kg]	2.5 ft.²



Model	A	B	C	D	E	F	G	Net Weight	EPA
1000/1200	9.0 in. ± 0.4 in.	15.2 in. ± 0.4 in.	29.9 in. ± 0.4 in.	22.5 in. ± 0.4 in.	23.7 in. ± 0.4 in.	30.0 in. ± 0.4 in.	21.8 in. ± 0.4 in.	81.8 lbs. [37.1kg]	3.1 ft.²



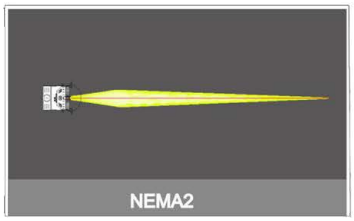
Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.

RSL1

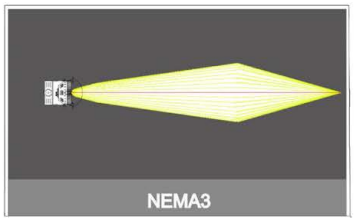
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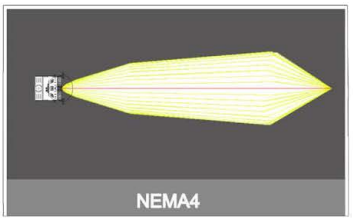
Optical Distributions



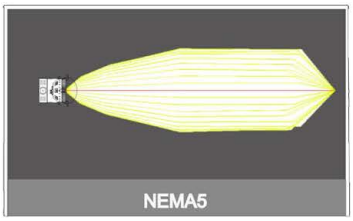
Beam Spread: 15°-29°
Narrow Spot



Beam Spread: 29°-46°
Medium Narrow Spot



Beam Spread: 46°-70°
Medium Flood



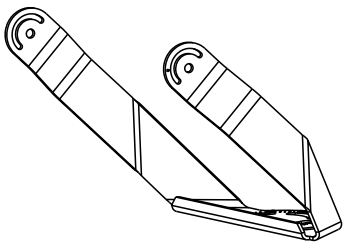
Beam Spread: 70°-100°
Medium Wide Flood

Performance Data

Model	Optic	System Power	Delivered Lumens	Efficacy	CCT	BUG Rating	L70 Calculated Life
RSL1-500-UNVL-40-30-BK	30°	500W	77,312	151 LPW	4000K	B5-U0-G2	174,000 Hours
RSL1-500-UNVL-50-30-BK			77,513	152 LPW	5000K	B5-U0-G2	174,000 Hours
RSL1-500-UNVL-57-30-BK			77,713	152 LPW	5700K	B5-U0-G2	174,000 Hours
RSL1-600-UNVL-40-30-BK	30°	600W	83,704	138 LPW	4000K	B5-U0-G2	174,000 Hours
RSL1-600-UNVL-50-30-BK			83,957	138 LPW	5000K	B5-U0-G2	174,000 Hours
RSL1-600-UNVL-57-30-BK			84,209	139 LPW	5700K	B5-U0-G2	174,000 Hours
RSL1-750-UNVL-40-30-BK	30°	750W	111,853	153 LPW	4000K	B5-U0-G2	174,000 Hours
RSL1-750-UNVL-50-30-BK			112,113	153 LPW	5000K	B5-U0-G2	174,000 Hours
RSL1-750-UNVL-57-30-BK			112,375	153 LPW	5700K	B5-U0-G2	174,000 Hours
RSL1-1000-UNVL-40-30-BK	30°	1,000W	156,000	151 LPW	4000K	B5-U0-G2	174,000 Hours
RSL1-1000-UNVL-50-30-BK			156,382	151 LPW	5000K	B5-U0-G5	174,000 Hours
RSL1-1000-UNVL-57-30-BK			112,375	152 LPW	5700K	B5-U0-G5	174,000 Hours
RSL1-1200-UNVL-40-30-BK	30°	1,200W	182,146	152 LPW	4000K	B5-U0-G2	174,000 Hours
RSL1-1200-UNVL-50-30-BK			182,951	153 LPW	5000K	B5-U0-G5	174,000 Hours
RSL1-1200-UNVL-57-30-BK			183,756	153 LPW	5700K	B5-U0-G5	174,000 Hours

Mounting & Accessories

Trunnion Mount [FM]



Adjustable Slip Fitter Mount [AM]

