

luxoARCH

LSPL | Radiator

Product Data Sheet



COMMERCIAL-GRADE

Sports Lighting

360W & 510W

Product Overview

The luxoARCH LED Radiator-series is the culmination of advanced integration of blind-radiator and reflector optics, which provides industry-leading glare reduction with minimal effect on light output.

Engineered for efficient product maintenance and armed with an industry leading 7-Year, 75,000hr warranty, the LSPL-series is ideal for outdoor sports lighting applications.

ARCHIPELAGO LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Product Warranty*

	7-Year Warranty		75,000 Hrs
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* Standard warranty. Extended warranty available.

Applications



Perimeter



Schools



Stadiums



General Public

Main Features

- Seal die-casting profile for outdoor sports lighting
- 3G vibration rated compact design minimizes wind load requirements
- 100,000hr LED lifespan based on IES LM-80 and TM-21 calculations
- Optional finish is available in black, dark bronze, silver, or white
- Optics is precision designed to maximize efficiency and application spacing
- Available in NEMA 4Hx4V distributions
- Optional top-mounted sight for precise aim
- Equipped standard w/ black-top visor
- IP65 waterproof rating



Project Details

Project Name:

Fixture Schedule:

Project Number:

Notes:

Model Specifications

Model	Watt (W)	Lumens (LM)	Voltage (V)	CCT	NEMA	EPA
LSPL360	360W	51,000LM	120-277Vac 347-480Vac	4000K 5000K	4HX4V	0.9497
LSPL510	510W	68,000LM	120-277Vac 347-480Vac	4000K 5000K	4HX4V	0.9497

Key Specifications

- **Chip:** Osram 5050, LM80, IP-Protected
- **Housing:** IP65 aluminum die-cast
- **Operating Temp:** -40°F – 130°F
- **Input Voltage:** 120-277Vac or 347-480Vac
- **IP:** UL Wet Location Listed, IP65
- **PF:** >0.9 Non-Flicker
- **Efficacy:** 140LM/W
- **Dimming:** 0-10V
- **CRI:** 70/80/90
- **THD:** <20%

Certifications



Ordering Guide

Model Series	Watt (W)	CCT (K)	Voltage	Finish	NEMA	Mount
LSPL LED Sports Lighting	360 360W 510 510W	-40 4000K -50 5000K	-U 120-277V -H 347-480V	B Black D Dark Bronze W White S Silver	44 4Hx4V	-TR Trunnion

Ordering number example:

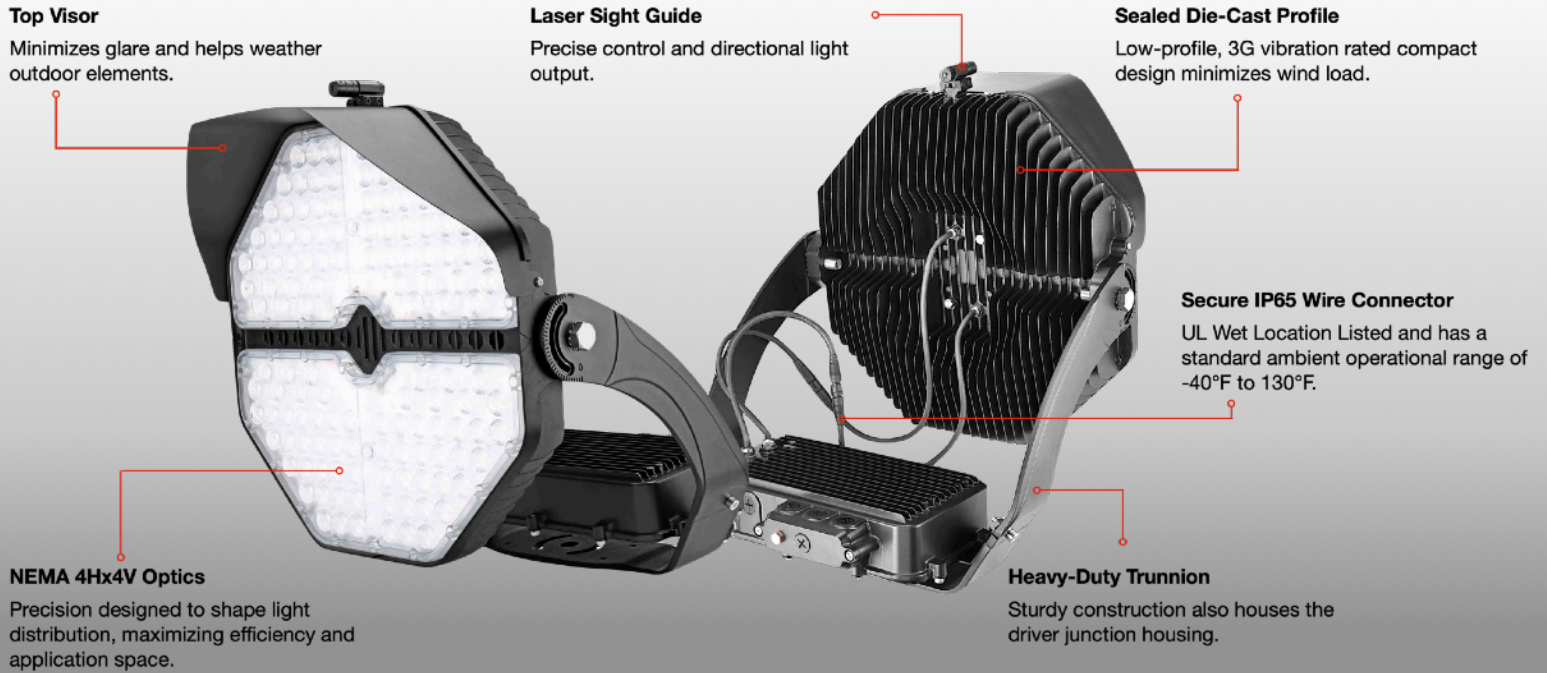
LSPL**510-50-UB**44-TR

Please place dashes (-) in correct order.

Choose your model specifications:

LSPL					44	-TR
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Model Series **Watt** **CCT** **Voltage** **Finish** Distribution Mount



Finish Options



Dark Bronze



Black (Default)



Silver



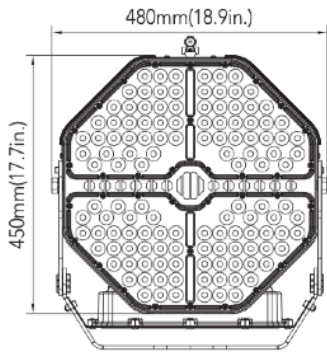
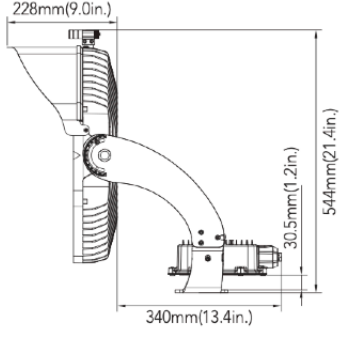
White

DLC Model Guide

Product ID	Model No.*	Controls	Watt	Lumen	Efficacy	CCT	THD	PF
S-3FSRBL	LSPL360-40-[U,H]B44-TR[Blank,A-Z,a-z,0-9]	No	360	51000	142	4000K	15%	0.9
S-CPE8XW	LSPL360-50-[U,H]B44-TR[Blank,A-Z,a-z,0-9]	No	360	51000	142	5000K	15%	0.9
S-EQ57PJ	LSPL360-57-[U,H]B44-TR[Blank,A-Z,a-z,0-9]	No	360	50000	139	5700K	15%	0.9
S-NU42CR	LSPL510-40-[U,H]B44-TR[Blank,A-Z,a-z,0-9]	No	510	71000	139	4000K	15%	0.9
S-XHT4GW	LSPL510-50-[U,H]B44-TR[Blank,A-Z,a-z,0-9]	No	510	71000	139	5000K	15%	0.9
S-YQUTBN	LSPL510-57-[U,H]B44-TR[Blank,A-Z,a-z,0-9]	No	510	68000	133	5700K	15%	0.9

* DLC Premium

Sizing & Measurements

Series	Height (in)	Width (in)	Depth (in)
LSPL-Radiator	17.7 	18.9 	22.4 