



Project:	Date
Type:	
Model:	

Description

The LSL2 RGB Series is a high-performance, intelligent sports luminaire designed for easy installation and exceptional lighting versatility. Featuring dynamic RGB color-changing technology, it enhances sporting events and entertainment venues with vibrant, customizable lighting effects that elevate the fan experience. The fixture offers programmable control of color, intensity, and lighting scenes, allowing users to create engaging displays for celebrations, introductions, and special events. Combining high energy efficiency, low power consumption, and flexible operation, the LSL2 RGB Series is an ideal solution for stadiums, arenas, and other sports lighting applications.

Construction

- Sealed die-casting profile for outdoor applications.
- Low profile, 3G vibration rated compact design minimizes wind load requirements.
- Housing is completely sealed against moisture and environmental contaminants (IP65).

Optics

- Available in NEMA 3Hx3V, and 4Hx4V distributions.
- Vibrant RGB color rendering enhances the visual atmosphere of any event.
- Industry-leading LED light sources combined with precision-engineered optical lenses.
- Optics is precisely designed to shape the distribution, maximizing efficiency & application spacing.

Electrical

- Input voltage: 120-277VAC or 200-480VAC.
- Standard with 0-10V dimming driver(s), 10%-100%.
- Built in surge protector max.20KV at 120-277V or max.40KV at 277-480V.
- THD: <20%
- Power Factor: >90%

Ambient Temperature

- Operating temperature: -40°F to 131°F (-40°C to 45°C)

Lifespan

- Estimated 100,000-hours LED lifespan based on ILM-80 results & TM-21 calculations.

Note

- Actual performance may differ as a result of end-user environment & application. All values are design or typical values, measured under laboratory conditions at 77°F (+41°F).

Certifications

- DesignLights Consortium™ Qualified.
- UL wet location listed.

ORDER INFORMATION

EXAMPLE: LSL2-480W-HV-RGB-B33-BK



Series	Wattage	Voltage	CCT	NEMA (Optics)	Mounting	Shroud	Aiming Sight	Finish
LSL2 Sports Light	480W	Y 120-277V	RGB Red Green Blue	BB33 3Hx3V	Blank Yoke Mount	Blank None	Blank None	BK Black
		HV 200-480V		BB44 4Hx4V		SH Shroud	AS Aiming Sight	

Enter configuration:

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

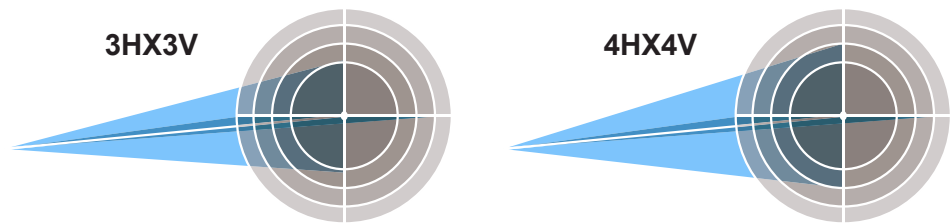
PERFORMANCE DATA

MODEL	WATTS	VOLTAGE	EPA	LUMENS (RED)	LUMENS (GREEN)	LUMENS (BLUE)
LSL2 RGB Sports Light	480W	120-277V /480V	1.8911	10,000lm	8,000lm	2,000lm

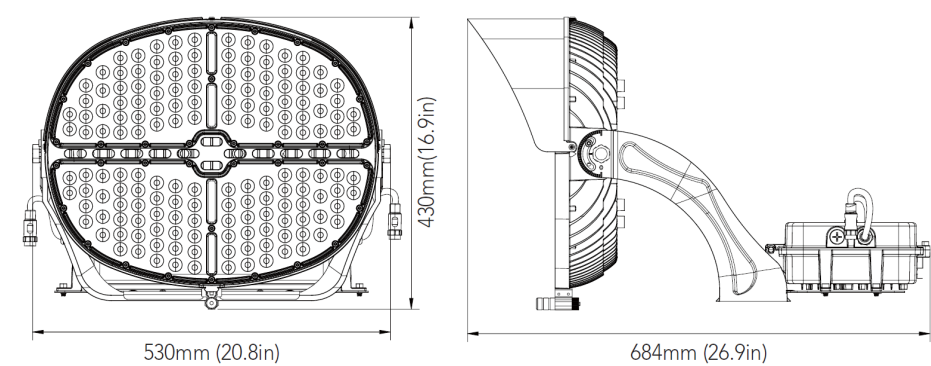
ELECTRICAL DATA

Number Of Drivers	Driver Current (Amps)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
3	10.45	480	120	4.00
		480	208	2.31
		480	240	2.00
		480	277	1.73
		480	347	1.38
		480	480	1.00

NEMA OPTICS

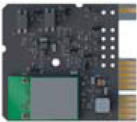


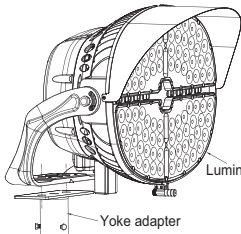
DIMENSIONS



ACCESSORIES (Sold separately)

	
Shroud	Aiming Sight

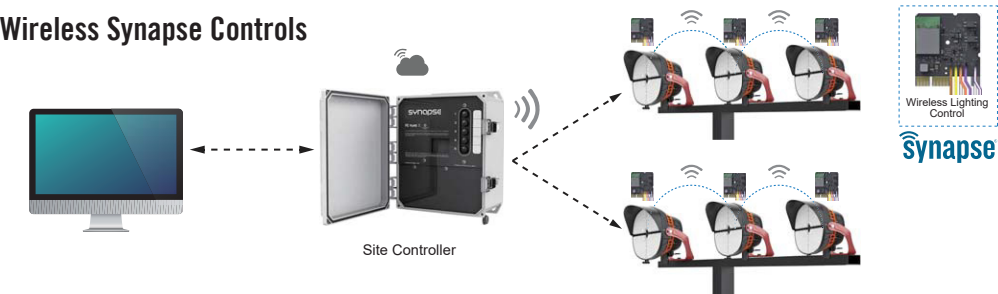
  DIM10-087-06	
Integrated Control (Option)	Adaptor for Square lighting brackets

 Luminaire Yoke adapter	
Another optional easy installation is provided to apply the fixture on a 2 3/8" tennon with Luminoso LED's Yoke adapter.	Yoke Adapter

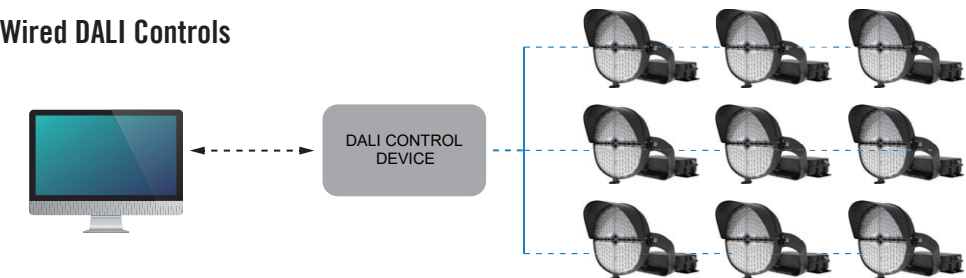
CONTROL SYSTEM

The fixture is compatible with the Synapse™ wireless control system and DALI controls, providing advanced smart lighting capabilities for RGB sports applications. Designed for reliable and flexible operation, it delivers a stable, customizable lighting control solution that enhances the experience of any sports facility.

Wireless Synapse Controls



Wired DALI Controls



POWER BOX ATTACHED (Optional)

The fixture can be installed as a complete unit at the top of the pole with the power supply in place, enabling quick installation without additional labor. This design reduces power loss from remote wiring and enhances overall system efficiency.

