

<b>Project:</b>	
<b>Type:</b>	
<b>Catalog #:</b>	



## DESCRIPTION

To meet different client's lighting needs, the new generation of sports light LSL-4 series is the culmination of advanced technologies of integrated blind radiator and reflector optics , which provide industry leading glare reduction with minimal effect on light output. Ideal for outdoor sports lighting such as municipal, school and semi-professional outdoor sports lighting. LSL-4 provides versatile lighting for football, baseball, hockey, basketball and any other outdoor sports lighting.

## SPECIFICATION FEATURES

### Construction

- Sealed die-casting profile for outdoor applications.
- Low profile, 3G vibration rated compact design minimizes wind load requirements.
- Environmentally friendly, IP65 waterproof rating.

### Optics

- Available in NEMA 4Hx4V distributions.
- Light engines are available in standard 4000K, 5000K, and 5700K (70/80/90 CRI) configurations.
- Scalable Lumen Packages from 50,000 to 68,000 lumens.
- Optics are precisely designed to shape the distribution, maximizing efficiency and application spacing.

### Electrical

- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 0-10V dimming driver(s)
- Built in surge suppression with max. 20KV @ 120-277V (Max. 40KV @ 347-480V)
- THD: ≤20%
- Power Factor: ≥90%

### Ambient Temperature

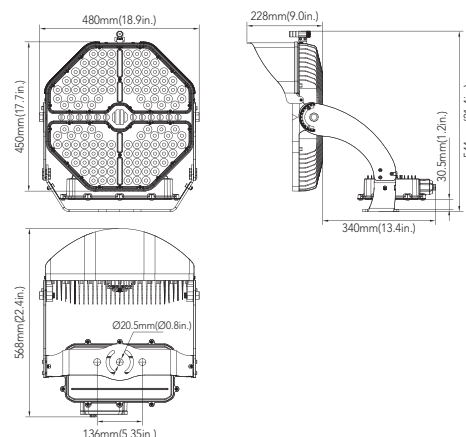
- Ambient operating temperature: -40°C to 55°C (-40°F to 131°F).

### Lifespan

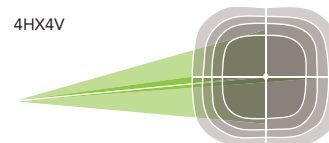
- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations



### DIMENSIONS



### PHOTOMETRICS



## ORDERING GUIDE

Fixture Type	Wattage	Voltage	CCT	Finish	Nema	Mounting(Optional)	Internal Code
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>LSL-4</b> Sports light series	<b>36</b> 360W <b>51</b> 510W	<b>LV</b> 120-277V <b>HV</b> 347-480V	<b>S</b> 4000K <b>I</b> 5000K <b>C</b> 5700K	<b>B</b> Black	<b>44</b> 4Hx4V	<b>TR</b> Trunnion	<b>Blank</b> Alphanumeric

## ACCESSORIES

	
Black Top Visor (Default)	Aiming Sight

## PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	NEMA	EPA	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)	LUMENS (5700K)	LPW (5700K)
360W	120-277V/347-480V	4Hx4V	0.9497	70	51000lm	146 lm/W	51000lm	146 lm/W	50000lm	139 lm/W
510W	120-277V/347-480V	4Hx4V	0.9497	70	68000lm	136 lm/W	68000lm	136 lm/W	65000lm	130 lm/W

## ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	6000	360	120	3.00
		360	208	1.73
		360	240	1.50
		360	277	1.30
		360	347	1.04
		360	480	0.75
1	2500	510	120	4.25
		510	208	2.45
		510	240	2.13
		510	277	1.84
		510	347	1.47
		510	480	1.06