

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



## DESCRIPTION

To meet different client's lighting needs, the new generation of sports light MSL02 series is the culmination of advanced technologies of integrated blindradiator 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. MSL02 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%

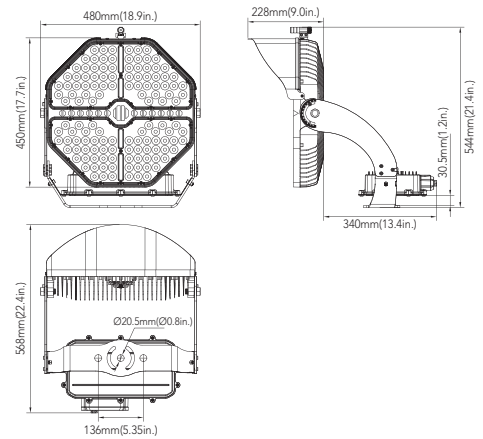
### Ambient Temperature

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

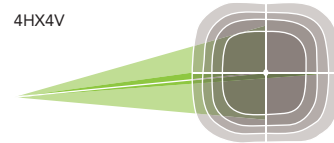
### Lifespan

- 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(Option)	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"/>
LSL-4 Sports light series	36 360W 51 510W	LV 120-277V HV 347-480V	S 4000K I 5000K C 5700K	B Black	44 4Hx4V	TR Trunnion	Blank 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