

## 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.
- Environmental 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 is 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

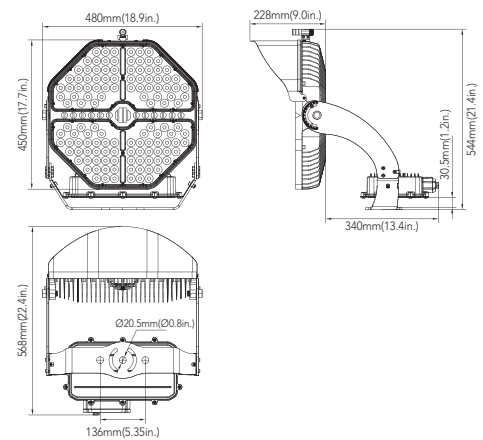
### Certifications

- UL cUL wet location listed.
  - DesignLights Consortium™ Qualified.
- Note: DesignLights Consortium™ Qualified and classified for DLC Premium (all lumen packages), refer to [www.designlights.org](http://www.designlights.org) for details.

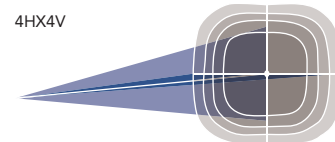
### Note

- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 C (±5 C ) specifications subject to change without notice.

### DIMENSIONS



### PHOTOMETRICS



## 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

## 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	2.0385	70	51000lm	146 lm/W	51000lm	146 lm/W	50000lm	139 lm/W
510W	120-277V/347-480V	4Hx4V	2.0385	70	68000lm	136 lm/W	68000lm	136 lm/W	65000lm	130 lm/W

## ORDERING GUIDE

Example: IMSL02510W27VXXKYYYY

IUS	Fixture Type	Wattage	Voltage	CCT	Finish	Nema	Mounting(Option)	Internal Code
I	<b>MSL02</b> Sports light series	<b>360</b> 360W <b>510</b> 510W	<b>27V</b> 120-277V <b>48V</b> 347-480V	<b>40K</b> 4000K <b>50K</b> 5000K <b>57K</b> 5700K	<b>B</b> Black	<b>B44</b> 4Hx4V	<b>TR</b> Trunnion	<b>Blank</b> Alphanumeric

## ACCESSORIES

	
<b>Black Top Visor (Default)</b>	<b>Aiming Sight</b>