

SPORTS LIGHT (MSL02)



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 reductionwith minimal effect on light output. Ideal for outdoor sports lighting such as municipal, school and semi-professional outdoor sports lighting. MSL02 providesversatile 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

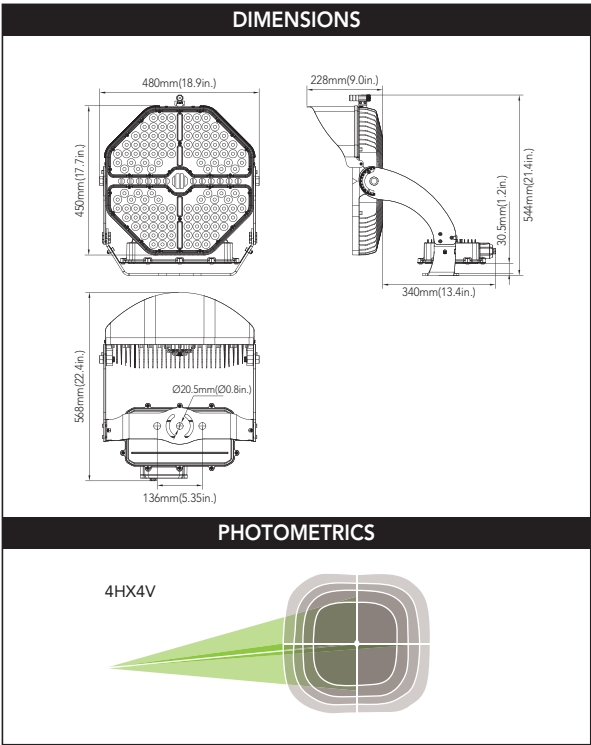
- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Certifications

- UL cUL wet location listed.
- DesignLights Consortium™ Qualified.
- Note: DesignLights Consortium™ Qualified and classified for DLC Standard (all lumen packages), refer to 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.



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

ORDERING GUIDE

Example:MSL02510W27VXXKYYYY

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

ACCESSORIES

	
Black Top Visor (Default)	Aiming Sight