

SPORTS LIGHT(EGL02)



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 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 3Hx3V, 4Hx4V distributions.
- Light engines are available in standard 4000K, 5000K and 5700K (70/80/90 CRI) configurations.
- Scalable Lumen Packages from 48,500 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).

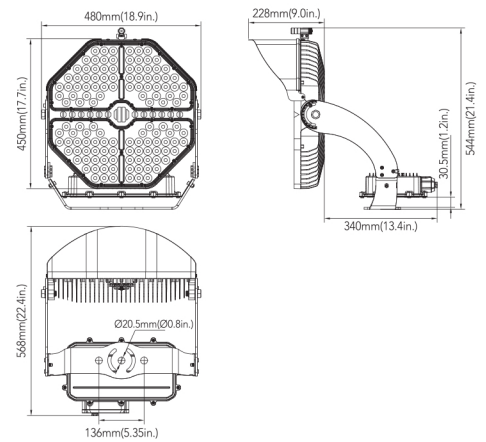
Lifespan

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

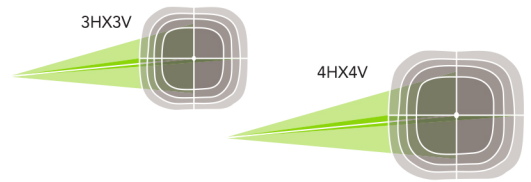
Note

- 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



PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	NEMA	EPA	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)	LUMENS (5700K)	LPW (5700K)
350W	120-277V/347-480V	4Hx4V	0.9497	70	51000lm	146 lm/W	51000lm	146 lm/W	48500lm	139 lm/W
505W	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	2500	350	120	2.92
		350	208	1.68
		350	240	1.46
		350	277	1.26
		350	347	1.01
		350	480	0.73
1	5000	505	120	4.21
		505	208	2.43
		505	240	2.10
		505	277	1.82
		505	347	1.46
		505	480	1.05

ORDERING GUIDE

Example: E G L02505W27VXXKYYYYY

Fixture Type	Wattage	Voltage	CCT	Finish	Nema	Mounting(Optional)	Integrated Control	Internal Code
EGL02 Sports light series	350 350W 505 505W	27V 120-277V 48V 347-480V	40K 4000K 50K 5000K 57K 5700K	B Black	B33 3Hx3V B44 4Hx4V	TR Trunnion	C With Integrated Control Blank Without Integrated Control	Blank Alphanumeric

ACCESSORIES

Black Top Visor (Default)	White Top Visor (Option)	Aiming Sight	Integrated Control (Option)