

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 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 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

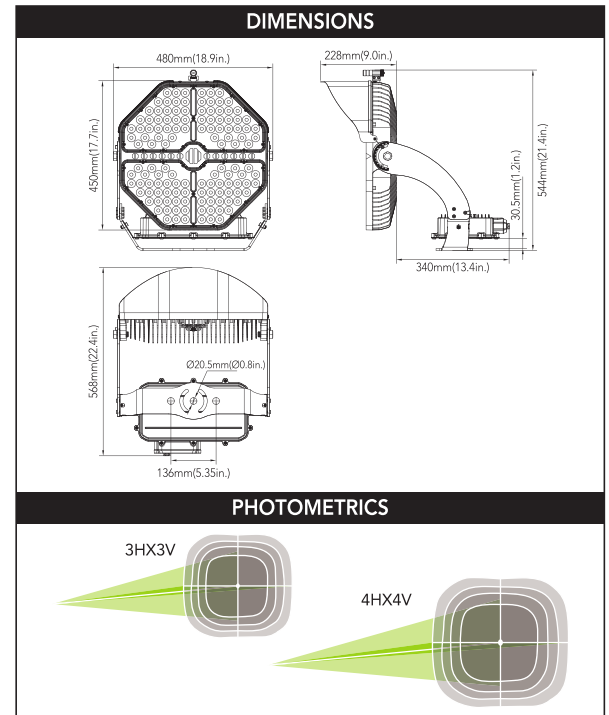
- Ambient operating temperature -40° C to 55° C (-40 F to 131 F).

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.



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 <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"/>	Integrated Control <input type="text"/>	Internal Code <input type="text"/>
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

			 DIM10-087-06
Black Top Visor (Default)	White Top Visor (Option)	Aiming Sight	Integrated Control (Option)