

Client:	
Order #:	
Project:	



**DESCRIPTION**

By providing superior high output and high efficiency, ECLIPSE is the ideal solution for outdoor sports lighting such as municipal, school and semiprofessional outdoor sports lighting. Dynamic thermal management design maximizes heat dissipation and significantly improves the life of luminaires. Built-in surge suppression adds an extra layer of protection to the luminaire driver.

**FEATURES**

- UL and CUL listed for wet locations
- Available in NEMA 3Hx3V, 4Hx4V, 5Hx5V, 6Hx6V distributions
- CCT options available from 4000K, 5000K and 5700K
- Lumen packages ranging from 49,500lm up to 118,000lm
- Versatile mounting bracket for hassle-free installation

**CONSTRUCTION & ELECTRICAL**

- Housing is completely sealed against moisture and environmental contaminants (IP65)
- Universal 120-277VAC or Universal High 347-480VAC
- Standard with 0-10V dimming
- Built in surge suppression with max.20KV @ 120-277V (Max. 40KV @277-480V)
- Power Factor >90%, THD <20%
- Ambient operating temperature -40°C to 55°C (-40°C to 131°C)

**PERFORMANCE DATA**

**CRI**

70+

**CCT**

4000K, 5000K, 5700K

**Projected Lifetime**

>100,000 Hours (L80)

**Dimming**

0-10V Dimming Standard, 10% down to 100%

**Operating Temperature**

-40°C to 55°C (-40°F to 131°F)

**Warranty**

5 year Standard  
10 year Optional

**ORDERING INFORMATION**

**ECLIPSE** / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 SERIES                      SIZE                      WATTAGE                      CCT                      DISTRIB.                      VOLTAGE                      DRIVER FEATURES                      FINISH                      CONTROLS                      MOUNT. ACC.                      SHIELDING                      WARRANTY

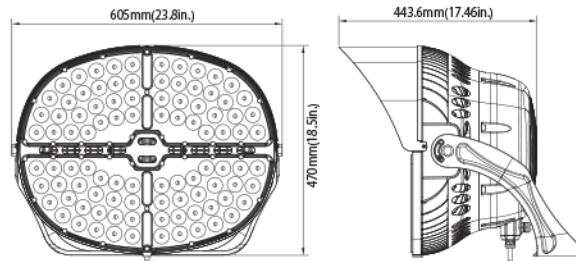
FIXTURE SERIES	
ECLIPSE	High Power LED Sports Lighter
SIZE	
16	16 Inch Nominal Width (350W, 505W, 600W)
24	24 Inch Nominal Width (500W, 600W, 650W, 850W)
WATTAGE	
350W	350 Watt (49,500 - 51,000 lm) (16 In)
505W	505 Watt (68,000 - 70,000 lm) (16 In)
600W	600 Watt (80,000 - 82,000 lm) (16 In)
500W	500 Watt (66,240 - 71,000 lm) (24 In)
650W	650 Watt (84,480 - 91,000 lm) (24 In)
850W	850 Watt (107,520 - 118,000 lm) (24 In)
CRI/CCT	
40	70+ CRI, 4000K CCT
50	70+ CRI, 5000K CCT
57	70+ CRI, 5700K CCT

DISTRIBUTION	
3H3V	Narrow Flood Distribution (24 In only)
4H4V	Medium Flood Distribution
5H5V	Wide Flood Distribution
6H6V	Extra Wide Flood Distribution
VOLTAGE	
UNV	Universal 120-277VAC
UHV	Universal High 347-480VAC
UTV	Universal High 277-480VAC (650W Only)
DRIVER FEATURES	
10V	0-10V Dimming
FINISH	
BL	Black Powder Coat Finish (Standard) (24 Inch has Orange Trim and Red Trunnion)

CONTROLS	
INTS	Integrated Control Sensor
MOUNTING ACCESSORIES	
TRNN	Trunnion Bracket (Standard) (24 In Trunnion is Red in Color)
TBAT	Trunnion Bracket Adapter for 2-3/8 In Tenon (Order Separately)
AIMS	Sports Field Aiming Sight (Order Separately)
SHIELDING	
TVBS	Top Visor Shield with Black Finish (Standard)
HFGS	Half Face Glare Shield (Order Separately)
WARRANTY	
-	5 Year Warranty (Standard)
10Y	10 Year Warranty

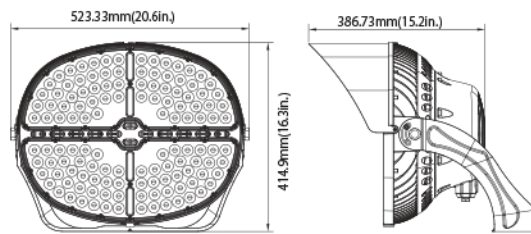
**DIMENSIONS**

**Large Size**



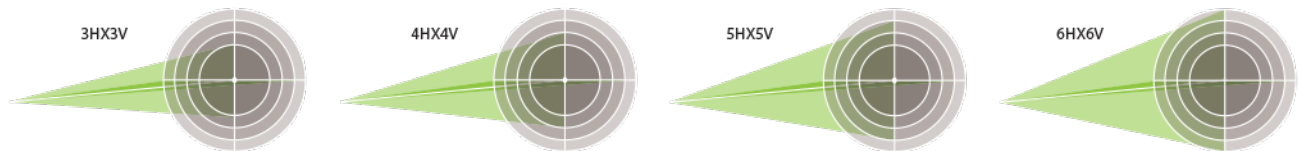
Net Weight :  
500W : 56.30 lb    600W : 56.30 lb    650W : 63.47 lb    850W : 63.47 lb

**Small Size**



Net Weight :  
350W : 37.56 lb    505W : 39.26 lb    600W : 40.99 lb

**PHOTOMETRICS**




**PERFORMANCE DATA**

SIZE	SYSTEM WATTS	VOLTAGE	NEMA	EPA	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)	LUMENS (5700K)	LPW (5700K)
Small Size	350W	120-277V/347-480V	4Hx4V	1.8911	70	51000lm	146 lm/W	51000lm	146 lm/W	49500lm	141 lm/W
Small Size	505W	120-277V/347-480V	4Hx4V	1.8911	70	70000lm	139 lm/W	70000lm	139 lm/W	68000lm	135 lm/W
Small Size	600W	120-277V/347-480V	4Hx4V	1.8911	70	82000lm	137 lm/W	82000lm	137 lm/W	80000lm	133 lm/W
Large Size	500W	120-277V/347-480V	4Hx4V	2.5471	70	71000lm	142 lm/W	71000lm	142 lm/W	69000lm	138 lm/W
			3Hx3V	2.5471	70	68160lm	136 lm/W	68160lm	136 lm/W	66240lm	132 lm/W
Large Size	600W	120-277V/347-480V	4Hx4V	2.5471	70	84000lm	140 lm/W	84000lm	140 lm/W	82000lm	137 lm/W
			3Hx3V	2.5471	70	80640lm	134 lm/W	80640lm	134 lm/W	78720lm	131 lm/W
Large Size	650W	277-480V	4Hx4V	2.5471	70	91000lm	140 lm/W	91000lm	140 lm/W	88000lm	135 lm/W
			3Hx3V	2.5471	70	87360lm	134 lm/W	87360lm	134 lm/W	84480lm	130 lm/W
Large Size	850W	120-277V/347-480V	4Hx4V	2.5471	70	118000lm	139 lm/W	118000lm	139 lm/W	112000lm	132 lm/W
			3Hx3V	2.5471	70	113280lm	133 lm/W	113280lm	133 lm/W	107520lm	126 lm/W

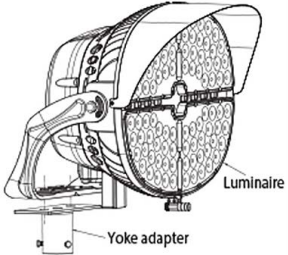

**ELECTRICAL DATA**

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	2400	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	4800	500	120	4.17
		500	208	2.4
		500	240	2.08
		500	277	1.81
		500	347	1.44
		500	480	1.04
1	2350	505	120	4.21
		505	208	2.43
		505	240	2.1
	2500	505	277	1.82
		505	347	1.46
		505	480	1.05
1	5600	600	120	5
		600	208	2.88
		600	240	2.5
		600	277	2.17
	5200	600	347	1.73
		600	480	1.25
1	5200	650	277	2.35
		650	347	1.87
		650	480	1.35
1	5500	850	120	7.08
		850	208	4.09
		850	240	3.54
		850	277	3.07
		850	347	2.45
		850	480	1.77

**ACCESSORIES**

			
Top Visor Shield (Default)	Sports Field Aiming Sight (Order Separately)	Integrated Control (Option)	Half Face Glare Shield (Order Separately)

**Mounting Bracket**

	
	Trunion Bracket Adapter for 2-3/8 In Tenon (Order Separately)