

Project Name:

Part #:

Type:

# LED Sports Light

## Features

- IP 66 Rated
- Tool-less adjustments
- Robust Die-casted trim look
- Modular light engine design
- Fast and accurate installation
- Advanced NEMA optics with anti-glare design and angle adjustment
- Light enclosure vents quickly to equalize pressure and block water



## Applications

Stadiums | Sports Arena/ Fields

## Ordering Guide

Series	Lens Type	Wattage	CCT	Input Voltage	Fixture Color	Accessories
EHF-SL	2 = NEMA 2	800 = 800W	57K = 5700K	480 = 277-480VAC	GY= Grey	SP = Surge Protection (Pre- installed)
	3 = NEMA 3					WC = Wireless Controls
	4 = NEMA 4					T = Trunion Mount
	5 = NEMA 5					AL = Aiming Laser
	6 = NEMA 6					SF = Slip Fitter Mount
						RDB = Remote Driver Box (Included)

# Accessory Options



Surge Protection

**Item Code:** SP

**Part #:** EHA-SURGE-20kV-480V-Series  
20kV 480V series wired surge protection, diagnostic light, can style



Wireless Controls

**Item Code:** WC

**Part #:** EHW-SY-DIM-REL-EN-BO-INT-ANT  
Bolt-on wireless controller, 110-277VAC, 5A, 6KV surge rating, 2.4GHz



Aiming Laser

**Item Code:** AL

**Part #:** EHA-SL-AL



Trunion Mount

**Item Code:** T

**Part #:** EHA-SL-T



Slip Fitter Mount

**Item Code:** SF

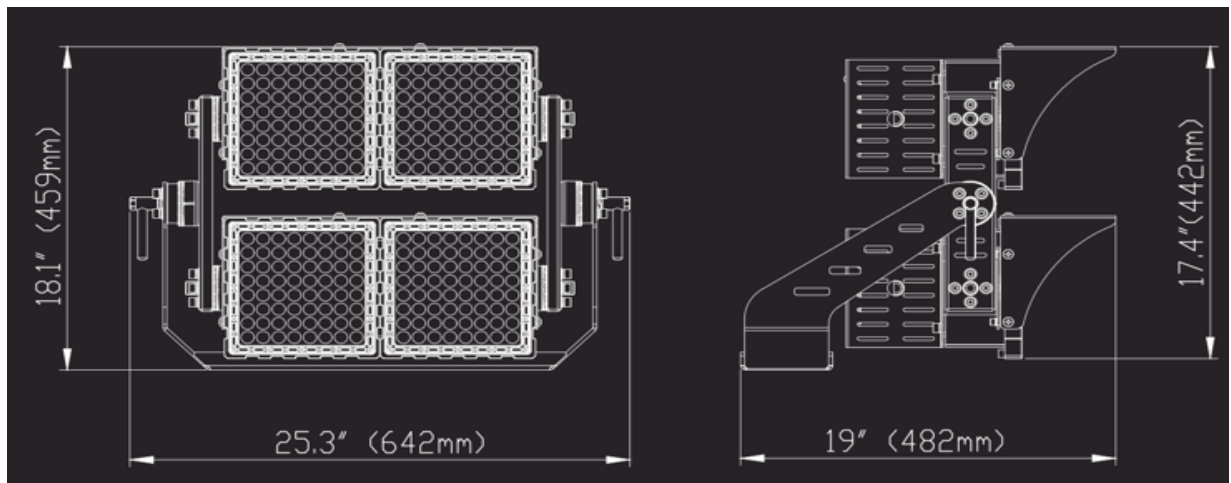
**Part #:** EHA-SL-SF



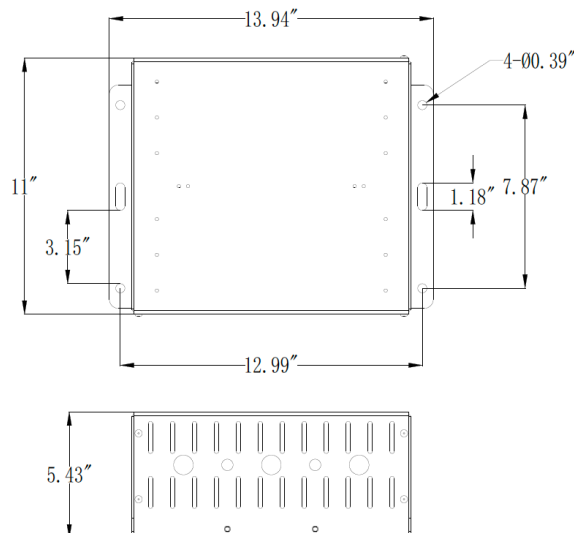
# Specifications

- Input Voltage: 277-480VAC
- Wattage: 800W
- Efficacy: 150lm/W
- CCT: 5700K
- CRI: 70+
- Optics: NEMA 2, 3, 4, 5, 6
- Operating Temperature: -40°F to 122°F
- Lifespan: 100,000 hours
- Fixture Housing: Die-cast Aluminum
- Dimmable: 0-10V dimming | network ready control
- IP Rating: IP65
- EPA Rating: 2.08
- Weight: 57.3 lbs
- Lumens: 112,000 lm
- Cable Length Driver Box to Fixture: (x2) 20M [65ft] cables

## Product Dimensions



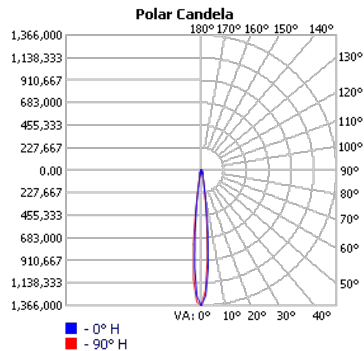
800W Fixtures



Remote Driver Box

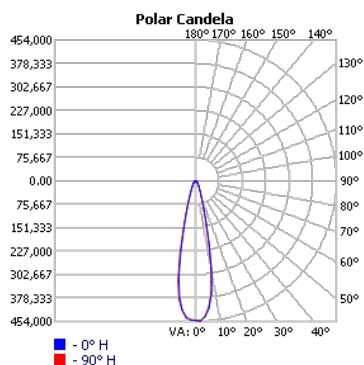
# Photometrics Data

Luminaire Data	
Part Number	EHF-SL2-80057K-480-GY-T-SP
Description	NEMA 2 Lens, 800W, 5700K Sport Light
Fixture Lumens (lm)	107,605lm
Wattage (W)	800W
Efficacy (lm/w)	134lm/w



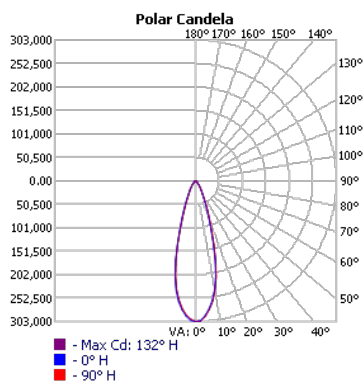
Zone	Lumens	%Fixture
0-40	95409.8	88.7%
0-60	105993.2	97.7%
0-90	108521.5	100.0%
90-180	0.20	0.0%
0-180	108521.7	100.0%

Luminaire Data	
Part Number	EHF-SL3-80057K-480-GY-T-SP
Description	NEMA 3 Lens, 800W, 5700K Sport Light
Fixture Lumens (lm)	113,143lm
Wattage (W)	800W
Efficacy (lm/w)	141lm/w



Zone	Lumens	%Fixture
0-40	99981.6	88.0%
0-60	110695.7	97.4%
0-90	113612	100.0%
90-180	0.10	0.0%
0-180	113612.1	100.0%

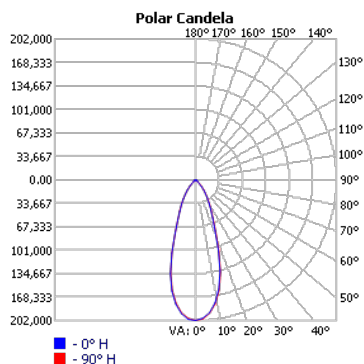
Luminaire Data	
Part Number	EHF-SL4-80057K-480-GY-T-SP
Description	NEMA 4 Lens, 800W, 5700K Sport Light
Fixture Lumens (lm)	110,1708lm
Wattage (W)	800W
Efficacy (lm/w)	138lm/w



Zone	Lumens	%Fixture
0-40	100391.5	91%
0-60	108197.7	98%
0-90	110461.5	100.0%
90-180	1.20	0.0%
0-180	110462.7	100.0%

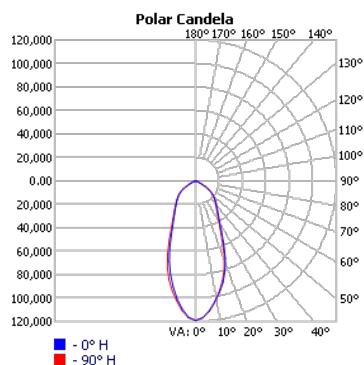
# Photometrics Data

Luminaire Data	
Part Number	EHF-SL5-80057K-480-GY-T-SP
Description	NEMA 5 Lens, 800W, 5700K Sport Light
Fixture Lumens (lm)	109,949lm
Wattage (W)	800W
Efficacy (lm/w)	137lm/w



Zone	Lumens	%Fixture
0-40	98588	89.5%
0-60	108024.3	98.0%
0-90	110204	100.0%
90-180	1.90	0.0%
0-180	110205.9	100.0%

Luminaire Data	
Part Number	EHF-SL6-80057K-480-GY-T-SP
Description	NEMA 6 Lens, 800W, 5700K Sport Light
Fixture Lumens (lm)	115,198lm
Wattage (W)	800W
Efficacy (lm/w)	144lm/w



Zone	Lumens	%Fixture
0-40	78460.1	68.0%
0-60	109086.1	94.6%
0-90	115335	100.0%
90-180	1.30	0.0%
0-180	115336.3	100.0%

