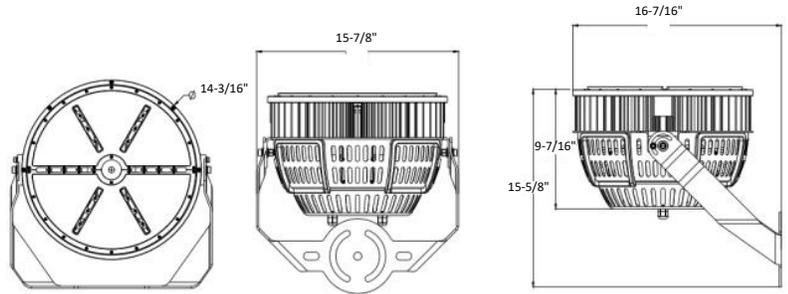




# 500W Sports Light Gen 2

## 30° Beam Angle 5000K

### 277-480V



#### Features:

360° Lighting

30° Beam Angle

Big Heat Sink with Excellent Heat Dissipation

Internal Driver - Long Life high Efficiency LEDs

Advanced Multi-faceted Optics

SOSEN Drivers/SMD3030 LEDs

240° Tilt; 220° Rotation

Direct Replacement for Metal Halide

10KV Surge Suppression

IP65 Waterproof Rating

Lightweight - 33 lbs

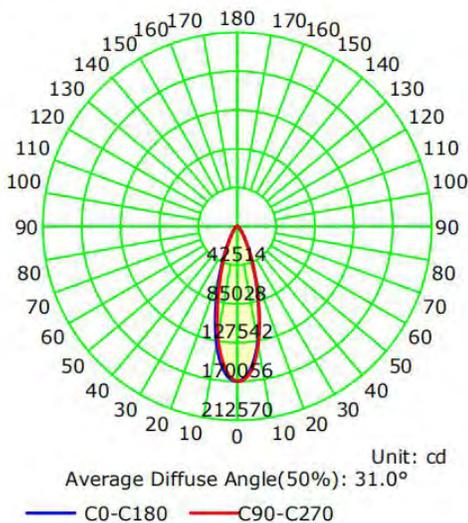
-40° To 113° Operating Temperature

5 Year Warranty

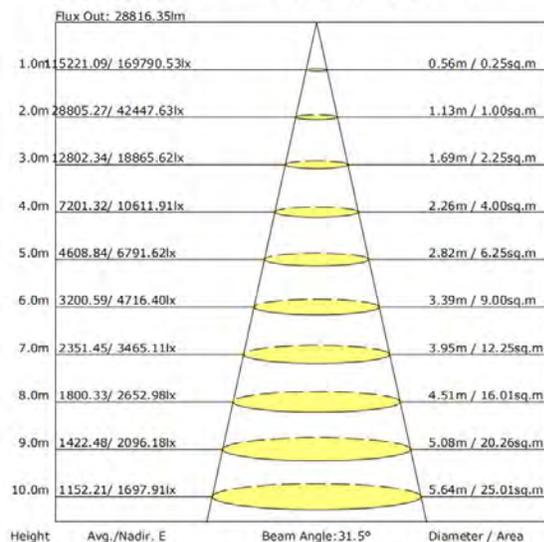
Part#	Wattage	Voltage	Lumens	CCT	CRI	Dimming	Light Pattern	Lumens/Watt
77001A	500W	277-480V	68,975	5000K	>70	N/A	30°	137

#### PHOTOMETRY

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure





# 500W Sports Light Gen 2

## 30° Beam Angle 5000K

### 277-480V

#### Technical Specifications:

##### **Electrical:**

Input Voltage: 277-480V

Current: 1.07A @ 480V

Frequency: 60Hz

Power Factor:  $\geq 0.99$

THD:  $> 20\%$

##### **Product Parameters:**

500 Watts

Lumens: 68,975

Efficacy: 137 Lumens Per Watt

50,000+ Hour LED Life Span

CCT: 5000K (Cool White)

##### **Chromaticity Measurements:**

Beam Angle: 30°

BUG Rating: B5-U0-G2

CRI:  $> 70$

R9: -23

DUV: -0.0001

Chromaticity (x,y):  $x=.3884$ ;  $y=.3814$

Chromaticity (u,v):  $u=.2284$ ;  $v=.5048$

##### **Component Specifications:**

LED: SMD3030

Driver: 277-480V 50-60HZ

Driver Output Volts: 48VDC

Driver Output Amps: 5A

10,000V Surge Protection

**Dimming:** 1-10V

##### **Operating Temperature:**

Minimum Starting -40°F - 113°F

##### **Construction:**

Housing: Aluminum

Powder Coated

IP Rating: IP65

Lens Material: Polycarbonate

Mounting: Yoke (Bracket) OR Slipfitter

Listings: UL

Carton Qty: 1

Weight: 33 lbs

##### **Warranty:**

Morris Products carries a 5 year warranty from date of purchase against defects in materials and workmanship (assuming normal and proper usage).