

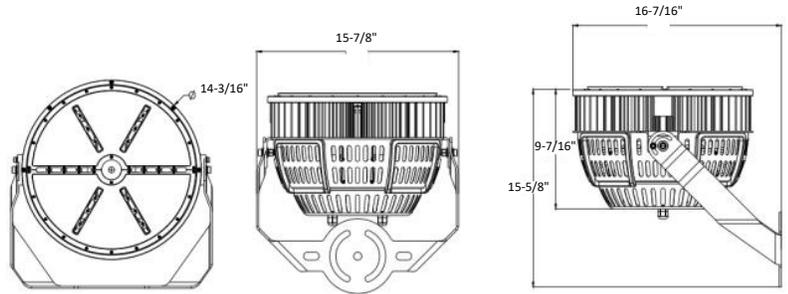


MORRIS CAT#: 77000A

500W Sports Light Gen 2

30° Beam Angle 5000K

120-240V



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

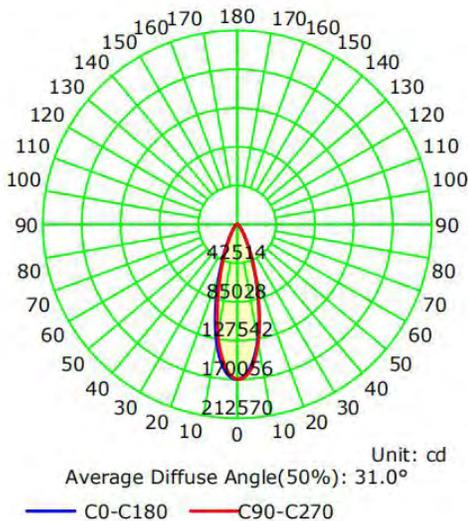
-40° To 113° Operating Temperature

5 Year Warranty

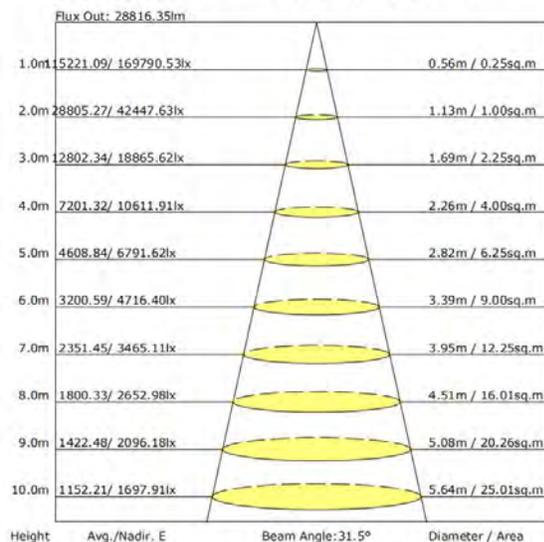
Part#	Wattage	Voltage	Lumens	CCT	CRI	Dimming	Light Pattern	Lumens/Watt
77000A	500W	120-240V	65,615	5000K	>70	N/A	30°	131

PHOTOMETRY

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure





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30° Beam Angle 5000K

120-240V

Technical Specifications:

Electrical:

Input Voltage: 120-240V

Current: 1.07A @ 120V

Frequency: 60Hz

Power Factor: ≥ 0.99

THD: $> 20\%$

Product Parameters:

500 Watts

Lumens: 65,615

Efficacy: 131 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: 120-240V 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).