



# 77000B - SPORTS LIGHT

500W 5K 120-277V 30° BEAM ANGLE



## FEATURES:

- 360° Lighting, 30° Beam Angle
- Easy Install & Operation
- Separate Driver Box lowers overall fixture temperature and allows for remote mounting from fixture
- 10kV Surge Protection
- Glare Shield Included with Fixture - Easy Install
- IP65 Rated for Wet Locations
- 5 Year Warranty
- 3.29' Whip Length
- Operating Temperature: -40° - 113°F
- Die cast Aluminum Housing, Black Finish, Red Side Accents
- Application: Sports Stadiums, Recreational Fields, Arenas, Parks & more

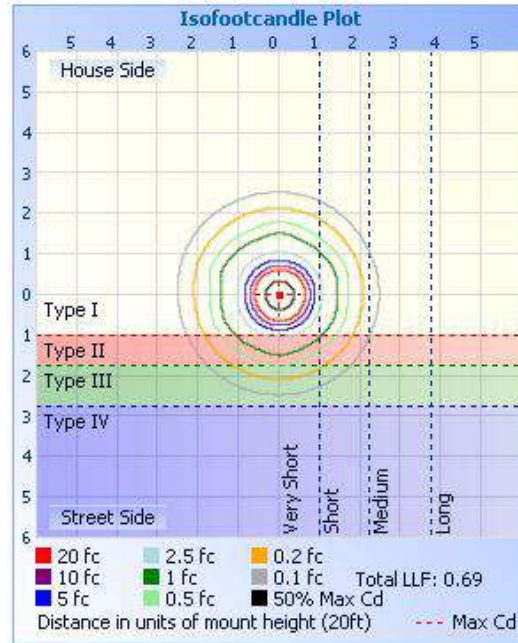
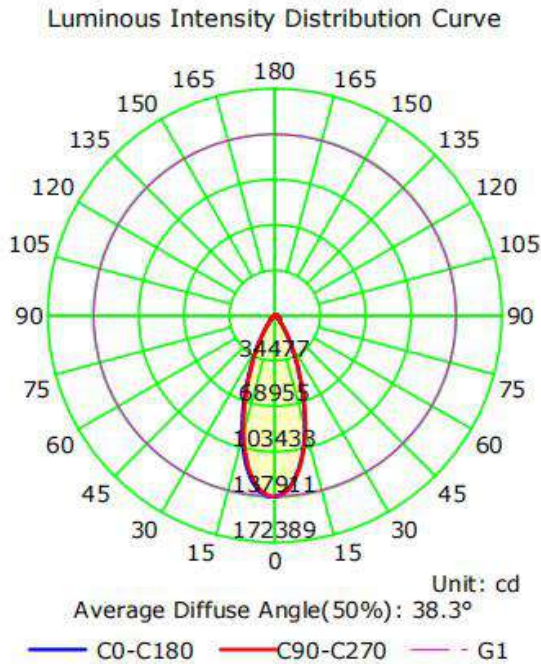
Part#	Wattage	Voltage	Lumens	CCT	CRI	Dimming	Beam Angle	Lumens/Watt
77000B	500W	120-277V	71,030	5000K	>70	0-10V	30°	142



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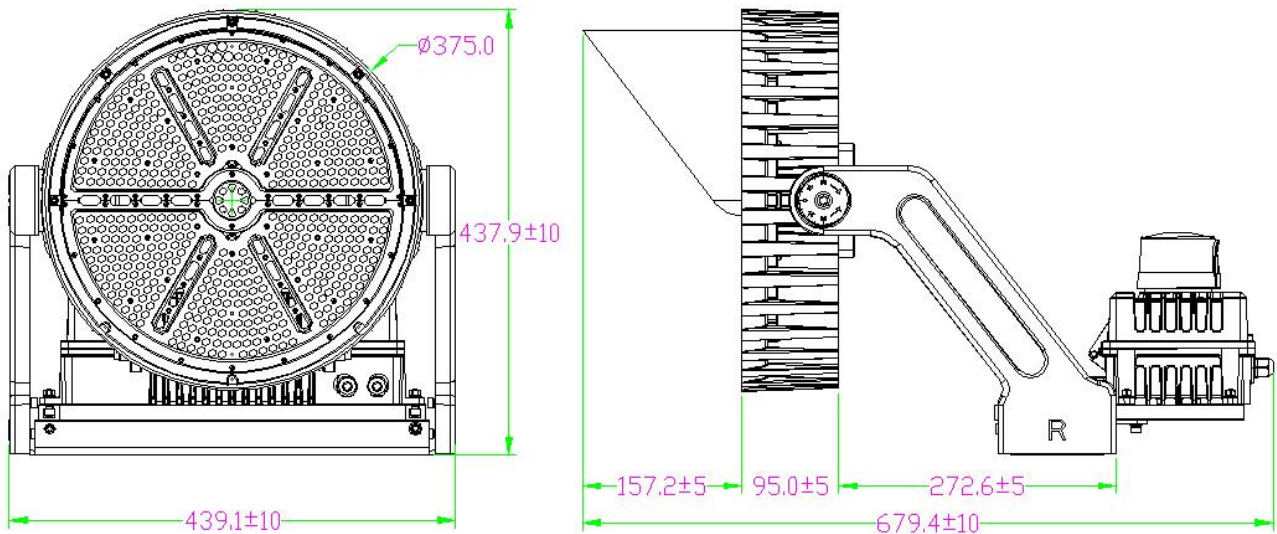
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## PHOTOMETRY:



## DIMENSIONAL LINE ART:

(mm)





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## TECHNICAL SPECIFICATIONS:

### Electrical:

Input Voltage: 120-277V

Current: 4.2A @ 120V

Frequency: 60Hz

Power Factor:  $\geq 0.99$

THD:  $\leq 20\%$

### Product Parameters:

500 Watts

Lumens: 71,030

Efficacy: 142 Lumens Per Watt

50,000+ Hour LED Life Span

CCT: 5000K (Cool White)

### Chromaticity Measurements:

Beam Angle: 30°

BUG Rating: B5-U0-G1

CRI:  $>70$

R9: - 38

DUV: 0.0019

Chromaticity (x,y):  $x=.3359$ ;  $y=.3478$

Chromaticity (u,v):  $u=.2066$ ;  $v=.4814$

### Component Specifications:

LED: SMD3030

Driver: 120-277V 50-60HZ

10kV Surge Protection

EPA: 2.3 ft<sup>2</sup>

Dimming: 0-10V



### Operating Temperature:

Minimum Starting -40°F - 113°F

### Construction:

Housing: Die Cast Aluminum - Black

Powder Coated Finish

IP Rating: IP65 Wet Location Rated

Lens Material: Polycarbonate

Mounting: Yoke (Bracket) OR Slipfitter

Listings: cULus

Carton Qty: 1

Weight: 40.92 lbs

Warranty:

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