



# 77007B - SPORTS LIGHT

500W 5K 277-480V 80° BEAM ANGLE



### FEATURES:

- 360° Lighting, 80° 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
- 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

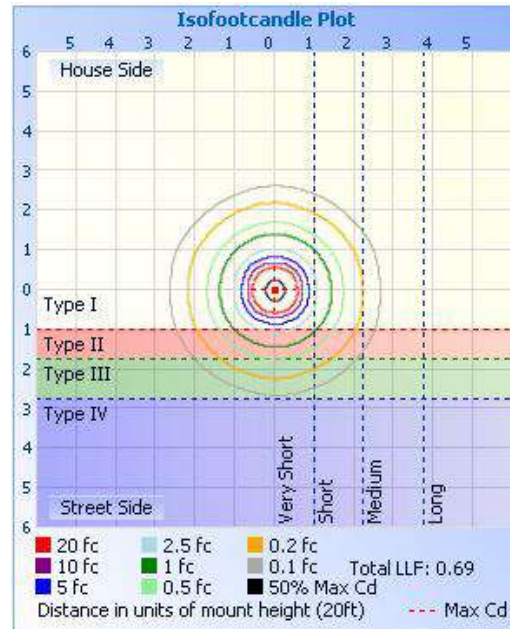
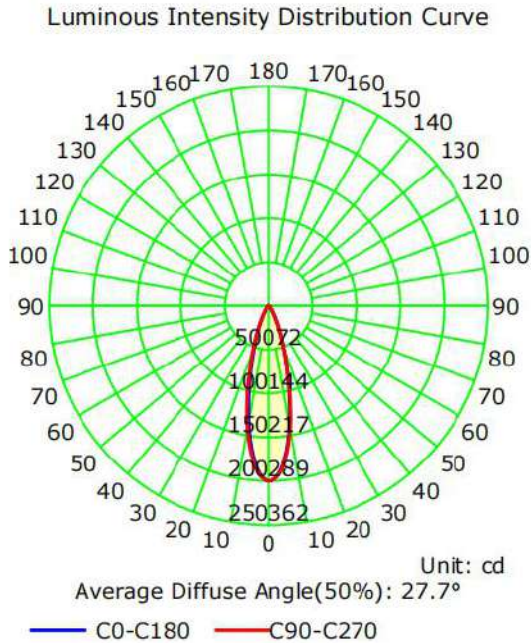
Part#	Wattage	Voltage	Lumens	CCT	CRI	Dimming	Beam Angle	Lumens/Watt
77007B	500W	277-480V	71,377	5000K	72	0-10V	80°	141 lm/w



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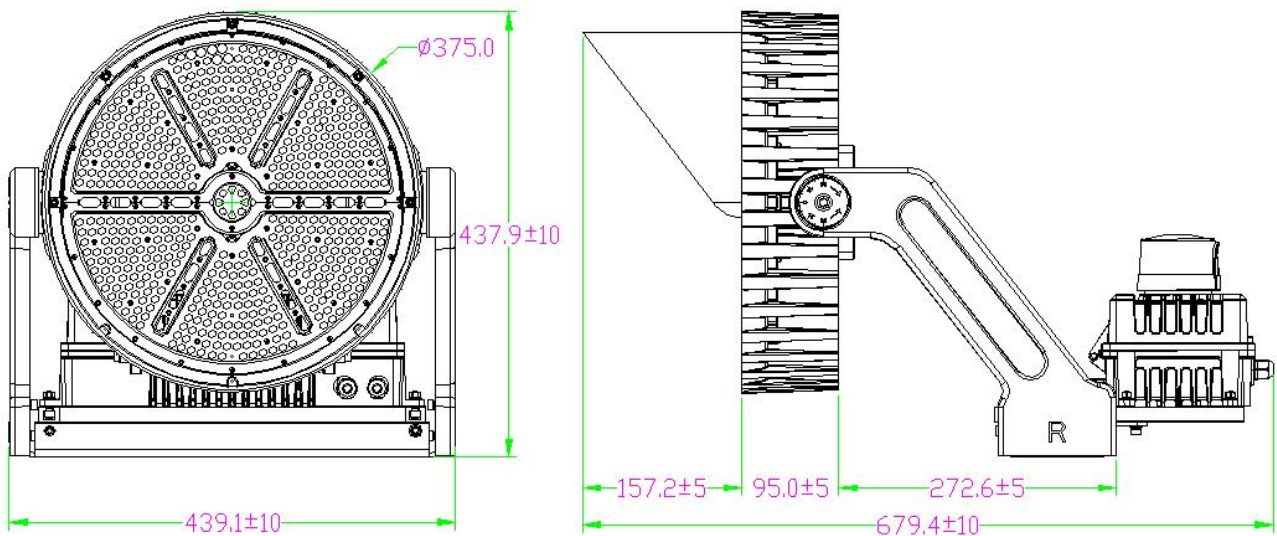
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## PHOTOMETRY:



## DIMENSIONAL LINE ART:

(mm)





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## TECHNICAL SPECIFICATIONS:

### Electrical:

Input Voltage: 277-480V

Current: 1.8A @ 277V

Frequency: 60Hz

Power Factor:  $\geq 0.9$

THD:  $\leq 20\%$

### Product Parameters:

500 Watts

Lumens: 71,377

Efficacy: 141 Lumens Per Watt

50,000+ Hour LED Life Span

CCT: 5000K (Cool White)

### Chromaticity Measurements:

Beam Angle: 80°

BUG Rating: B5-U0-G1

CRI: 72

R9: -38

DUV: 0.0015

Chromaticity (x,y): x=.3348; y= .3460

Chromaticity (u,v): u=.2066; v= .4804

### Component Specifications:

LED: SMD3030

Driver: 277-480V 50-60HZ Driver

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 in progress*

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).