

Town of Blackstone MA | Outdoor: Baseball/Softball



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Rated 4.9/5 based on 300+ Trustpilot reviews

Date: 10/16/2024



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The bottom left of the lighting plan is position (x,y) of 0,0

For each fixture:

x represents the distance on the horizontal axis from this bottom left corner. The more right you go, the higher the number.

y represents the distance on the vertical axis from the bottom left corner. The higher you go, the larger the number. z represents mounting height, or the distance above the ground.

Tilt represents the angle down, towards the surface. Orientation is the angle relative to the mounting position.

Once a fixture is mounted on the pole at height z, the installer will rotate the fixture to a location on the field (orientation) and then tilt the fixture so the beam of light lights up a specific location on that field.

Ref No:

Luminaire Schedule					
Symbol	Qty	Label	Arrangement	LLF	Total Lamp Lumens
☐	64	1654-MLLG-AG-LED-IMF-400-5-TR-30	Single	1.000	54859

Luminaire Location Summary		
Label	Z	Tilt
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	74.453
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	74.453
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	77.867
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	77.867
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	80.626
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	80.626
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	80.223
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	80.223
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	79.207
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	79.207
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	73.193
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	73.193
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	74.373
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	74.373
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	77.34
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	77.34
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	80.348
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	80.348
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	81.381
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	81.381
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	80.801
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	80.801
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	77.07
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	77.07
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	71.348
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	71.348
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	79.345
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	79.345
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	72.046
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	72.046
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	76.542
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	76.542
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	78.595
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	78.595
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	79.425
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	79.425
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	81.035
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	81.035
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	81.483
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	81.483
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	80.778
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	80.778
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	80.98
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	80.98
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	79.364
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	79.364
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	75.341
1654-MLLG-AG-LED-IMF-400-5-TR-30	30	75.341
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	79.906
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	79.906
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	80.613
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	80.613
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	82.131
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	82.131
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	81.798
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	81.798
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	81.666
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	81.666
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	81.588
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	81.588
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	78.859
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	78.859
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	76.015
1654-MLLG-AG-LED-IMF-400-5-TR-30	27	76.015

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
Field Planar	Fc	18.59	56.1	2.0	9.30	28.05
Infield	Fc	27.32	48.8	15.4	1.77	3.17
Outfield	Fc	15.58	41.3	2.0	7.79	20.65

LED LIGHTING SUPPLY

400 Watt LED Area Flood Light | 56000 Lumens | 5000K | 100V-277V or 277V-480V

[View Product Page](#)



Product Details

SKU: MLLG-AG-LED-IMF-400-5-[Optic]-TR-[V] Web ID: 1654

400 Watt flood light - sport light produces 56000 lumens at 140 lumens/watt. The high energy efficiency of these lights will provide significant energy savings compared to metal halide and halogen bulbs. This LED fixture is an ideal replacement for existing 1000 Watt Metal Halide lights when being energy efficient is a priority.

Aluminum lighting modules can be adjusted individually. All fixtures are equipped with a 1-10V dimmable driver and built-in 10kVA surge protection to enhance the durable construction of the unit. The perfect solution for outdoor projects such as perimeter security lighting parking lot lighting sports fields and other commercial lighting applications.

The fixtures come standard with a 100V-277V or 277V-480V LED Driver to power the LED chips and come available in 4000K or 5000K color temperature. 60 (std) 10 15 30 45 beam angle comes standard for ideal luminous flux. 10 15 30 45 40 100 beam angles are available. This fixture has several different mounting options including Slip Fitter or Trunnion for near-universal mounting options for every area from building facades to parking lots.

These fixtures are wet location IP66 and High Impact IK08 Rated and can operate from -22 F to 113 F.

Optional Marine Grade Finish: Meets ISO 12944 C4 Marine Grade Specification

Product Specifications

Watts:	400	Dimmable:	1-10V
Lumens:	56000	Beam Angle:	60 deg(std), 10 deg, 15 deg, 30 deg, 45 deg
Lumens/Watt:	140	Optics:	Polycarbonate Optics and Tempered Glass Lens
Replaces:	1000 Watt Metal Halide	Frequency:	50/60 hz
Color Temp:	4000K 5000K	Housing:	Powder Coated Aluminum
CRI:	70+	Fixture Color:	Gray
IP Rating:	IP66	Mount:	Slip Fitter Trunnion
IK Rating:	IK08	EPA Rating:	1.89
Voltage:	100V-277V 277V-480V	Dimensions:	13.25 in L x 6.3 in W x 17.4 in H
Surge Protection:	6kV line-line, 10kV line-earth	Cord Length:	5 Feet
Operating Temp:	-22 degF to +113 degF	Weight:	24 lbs
Rated Life:	176,000 (L70) hours	Warranty:	5 years



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