

ITEM SKU#: 662187482187

# Magnus Architectural Flood Light

INDUSTRIAL LIGHTING | FLOOD LIGHTS

## FEATURES

- CCT & power selectable capability.
- Superior efficacy, rendering clear light output.
- Dimming capable.
- Integrated cooling fans for optimum heat dissipation.
- IP65 rated - suitable for wet locations.
- Uniform illumination with no flickering or humming.

## APPLICATIONS

Stadiums and Sports Venues, Light Towers, Outdoor Advertising, Gymnasiums, Plazas, Airports, Courtyards, Public Areas, Ports

## MOUNTING OPTIONS

- Wall Mounting (Kit Sold Separately)
- Pole Mounting (Kit Sold Separately)

## PRODUCT DETAILS

### ELECTRICAL

Max Power	211.54 W
Voltage	120-277 V
Current	0.85 A
Power Factor	0.9
Total Harmonic Distortion (THD)	15%
Surge Protection	L/N-PE: 10 kV, L-N: 6 kV

### LIGHTING PERFORMANCE

Lumens	13394 lm-20091 lm-28333.2 lm
Efficacy	133.94 lm/W
Color Temperature (Selectable)	3000 K-4000 K-5000 K
Color Rendering (CRI)	70
R9 (Red Value)	-34
R13 (Skin Tones)	73-74-69
Beam Angle	140° x 120°
Light Distribution	Type I, Very Short
BUG Rating (Backlight, Uplight, and Glare)	B5-U0-G2
Dimmable Lighting Control	Continuous Dimming to 10% or Below

\*Lumen output may vary by  $\pm 10\%$  depending on the chosen power and CCT combination.  
\*R13 value is calculated at 205 W.



## ENVIRONMENT

Operating Temperature	-40 °F ~ +122 °F
Suitable Location	<b>WET</b>
Ingress Protection Rating (IP)	IP65
Impact Protection Rating (IK)	IK08

## LIFESPAN

Average Life (Hours)	50,000
Warranty (Years)	<b>7</b> (Extendable Up to 10 Years)

## COMPONENTS

LED Light Source	Bridgelux 3030
Driver	SOSEN SS-200VA-56B

## CONSTRUCTION

Housing	Die-cast Aluminum
Cover Material / Lens	Polycarbonate
Diffuser	Clear
Base / Power Supply	Hard Wired
Finish	Bronze
Effective Projected Area (EPA)	1.4 ft <sup>2</sup>

## PART NUMBER & QUALIFICATIONS

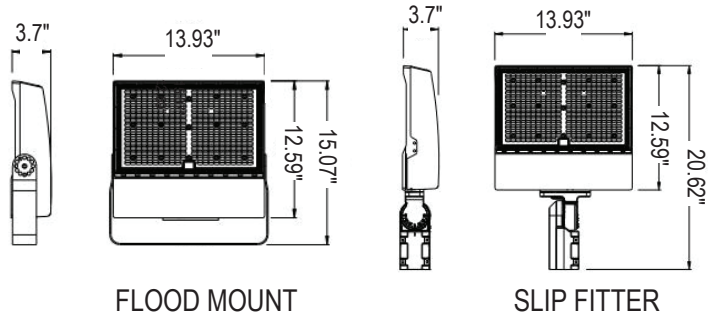
Ordering Part Number	IK-FLBO2-205W-30/40/50K-MV-BR
Qualified Part Number	IK-FLBO2-205W-30/40/50K-MV-[BR, WH, BL, GR, SL][FM, SF, YM or blank][10SP, 20SP or blank][3RP, 3NP, 5SRP, 5NP, 7RP, 7NP or blank]
SKU Number	662187482187



Not all product variations listed on this page are DLC qualified. Visit <https://www.designlights.org/qpl> to confirm qualification.

DIMENSIONS AND WEIGHT

Length (Inches)	13.93"
Width (Inches)	3.7"
Height (Inches)	12.59"
Height (with Flood Mount)	15.07"
Height (with Slip Fitter)	20.62"
Wire Length (Inches)	72"
Net Weight (lbs)	13.66 (Flood Mount) 14.77 (Slip Fitter)



PACKAGING

Box Dimensions (Inches)	23.81" x 17.51" x 6.10"
Box Weight (lbs)	15.87 (Flood Mount) 16.97 (Slip Fitter)
Quantity Per Box	1

SUPPORTING DOCUMENTS

DOCUMENTS	DOCUMENT LINK
<a href="#">Product Sheet</a>	<a href="#">View / Download</a>
<a href="#">IES Files</a>	<a href="#">View / Download</a>
<a href="#">LM79 Report</a>	<a href="#">View / Download</a>
<a href="#">LM80 Report</a>	<a href="#">View / Download</a>
<a href="#">Installation Instructions</a>	<a href="#">View / Download</a>

ORDERING INFORMATION

SKU NUMBER	DESCRIPTION	QUANTITY/BOX
662187482187	MAGNUS AFL: 211.54 W / 13394-20091-28333.2 LM / 30-40-50 K / 120-277 V / BRONZE	1

ACCESSORIES  
INCLUDED IN THE BOX

SKU NUMBER	PRODUCT CODE	DESCRIPTION	DOCUMENT LINK
662187483634	IK-PHC-3PIN-SOCKET-0-480V	PHOTOCELL (3 PIN) SOCKET AC0-480 V	<a href="#">View / Download</a>

NOTE: The product includes a factory-installed 3-pin photocell socket.

ACCESSORIES  
SOLD SEPARATELY

SKU NUMBER	PRODUCT CODE	DESCRIPTION	DOCUMENT LINK
662187482194	IK-FLBO2-FM-BR	FLOOD MOUNTING BRACKET-BRONZE	<a href="#">View / Download</a>
662187482224	IK-FLBO2-SF-BR	SLIP FITTER BRACKET-BRONZE	<a href="#">View / Download</a>

**SOLD SEPARATELY**

SKU NUMBER	PRODUCT CODE	DESCRIPTION	DOCUMENT LINK
662187482217	IK-SHC-JL-208	SHORTING CAP	<a href="#">View / Download</a>
662187482231	IK-PHC-3PIN-AC100-277V	PHOTOCELL (3 PIN) AC100-277 V	<a href="#">View / Download</a>
662187540160	IK-PHC-5PIN-AC100-277V	PHOTOCELL (5 PIN) AC100-277 V	<a href="#">View / Download</a>
662187540177	IK-PHC-7PIN-AC100-277V	PHOTOCELL (7 PIN) AC100-277 V	<a href="#">View / Download</a>
662187483641	IK-PHC-5PIN-SOCKET-0-480V	PHOTOCELL (5 PIN) SOCKET AC0-480 V	<a href="#">View / Download</a>
662187483658	IK-PHC-7PIN-SOCKET-0-480V	PHOTOCELL (7 PIN) SOCKET AC0-480 V	<a href="#">View / Download</a>

\*Choice of one accessory: Mounting Bracket (Slip Fitter or Flood Mount), Shorting Cap or Photocell (either one) is included with the order.  
Contact your IKIO sales representative to buy replacement/additional Mounting Bracket.

**NOTE:** Other Options on Request/Customized: **Finish** (WH-White, BL-Black, GR-Gray, SL-Silver), **Accessories** (YM-Yoke Mount, 20SP-Surge Protection, 3RP-3 Pin Photocell, 3NP-3 No Photocell, 5RP-5 Pin Photocell, 5NP-5 No Photocell, 7RP-7 Pin Photocell, 7NP-7 No Photocell)