

ITEM SKU#: 662187512297

# Dynamo 4 Pro

## Stadium Flood Light

INDUSTRIAL LIGHTING | FLOOD LIGHTS



### FEATURES

- Power selectability enables customized lighting levels for versatile applications.
- High-output illumination ensures powerful and uniform lighting across large arenas.
- Low EPA design reduces wind resistance, minimizing fixture stress and enhancing stability.
- Engineered for durability, the luminaire ensures reliable performance in challenging environments.
- Advanced dimming allows precise brightness control for optimal lighting.
- Built-in surge protection ensures enhanced reliability and stability during power fluctuations.
- DMX compatibility enables dynamic lighting control, including color-changing, grouping, scheduling, and remote operation.
- Optional visor and laser pointer for enhanced precision and glare control.

### APPLICATIONS

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

### PRODUCT DETAILS

#### ELECTRICAL

Max Power	597.5W
Voltage	277-480V
Current	1.38A
Power Factor	0.9
Total Harmonic Distortion (THD)	15%
Surge Protection	L/N-PE: 10kV, L-N: 6kV

#### LIGHTING PERFORMANCE

Lumens	46752lm-62336lm-77920lm-93113lm
Efficacy	155.84lm/W
Color Temperature (CCT)	5000K
Color Rendering (CRI)	72
R9 (Red Value)	-35
R13 (Skin Tones)	70
Beam Angle	20°
Light Distribution	NEMA:4 (NEMA:5/NEMA:6: Optional)
BUG Rating (Backlight, Uplight, and Glare)	B5-U0-G5
Dimmable Lighting Control	Continuous Dimming to 10% or Below

**Notes:**

\*Mentioned lumen output is calculated as such: 46752lm at 300W, 62336lm at 400W, 77920lm at 500W, 93113lm at 597.5W.  
\*Fixtures mustn't be mounted facing upwards; it won't be covered under warranty.

### ENVIRONMENT

Operating Temperature	-40°F ~ +113°F
Suitable Location	<b>WET</b>
Ingress Protection Rating (IP)	IP65
Impact Protection Rating (IK)	IK08

### LIFESPAN

Average Life (Hours)	100,000
Warranty (Years)	<b>10</b>

### COMPONENTS

LED Light Source	Bridgelux SMD3030
Driver	Inventronics EUM-680S350MT

### CONSTRUCTION

Housing	Die-cast Aluminum
Cover Material / Lens	Polycarbonate
Diffuser	Clear
Power Supply	Hard Wired
Finish	Black (Bronze, White: Optional)
Effective Projected Area (EPA)	3.0ft <sup>2</sup>

### PART NUMBER & QUALIFICATIONS

Ordering Part Number	IK-SP06B-600/500/400/300W-E1PS2HV-50K-BL-SH-20SP-FM
Qualified Part Number	IK-SP06B-600/500/400/300W-E1PS2HV-[BR, WH, BL][*3RP*, *3NP*, *3NT*, *5RP*, *5NP*, *5NT*, *7RP*, *7NP*, *7NT* or blank][10SP, 20SP or blank][AM, FM or blank]50
SKU Number	662187512297



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

**DIMENSIONS AND WEIGHT (SLIP FITTER MOUNT)**

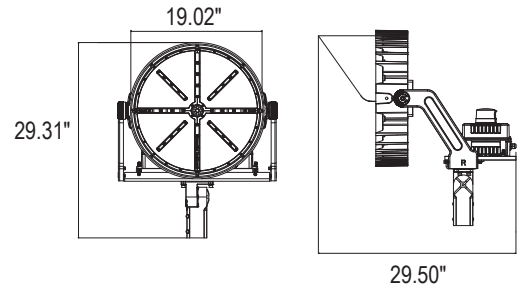
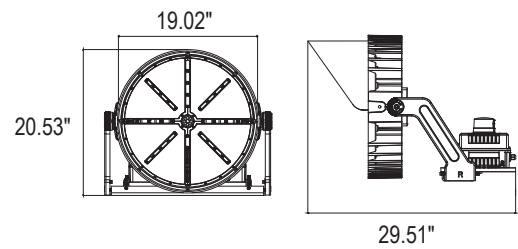
Width (Inches)	29.50"
Height (Inches)	29.31"
Diameter (Inches)	19.02"
Net Weight (lbs)	55.12

**DIMENSIONS AND WEIGHT (FLOOD MOUNT)**

Width (Inches)	29.51"
Height (Inches)	20.53"
Diameter (Inches)	19.02"
Net Weight (lbs)	48.40

**PACKAGING****SLIP FITTER & FLOOD MOUNT**

Box Dimensions (Inches)	24.61" x 23.82" x 23.03"
Box Weight (lbs)	64.15 (Slip Fitter Mount) 57.42 (Flood Mount)
Quantity Per Box	1

**Slip Fitter Mount****Flood Mount****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
662187512297	DYNAMO 4 PRO SFL: 597.5W / 46752-62336-77920-93113LM / 5000K / 277-480V / BLACK	1

**ACCESSORIES****INCLUDED IN THE BOX**

SKU NUMBER	PRODUCT CODE	DESCRIPTION	DOCUMENT LINK
662187512594	IK-ACC-SP06B-300W/400W/500W/600W-FM	FLOOD MOUNTING BRACKET	<a href="#">View / Download</a>
662187512570	IK-ACC-SP06B-300W/400W/500W/600W-SH	SHIELD	<a href="#">View / Download</a>
662187488516	IK-ACC-SPD-20KV-(277-480V)	SURGE PROTECTION 20kV (277-480V)	<a href="#">View / Download</a>

## ACCESSORIES

### SOLD SEPARATELY

SKU NUMBER	PRODUCT CODE	DESCRIPTION	DOCUMENT LINK
662187512594	IK-ACC-SP06B-300W/400W/500W/600W-FM	FLOOD MOUNTING BRACKET	<a href="#">View / Download</a>
662187487946	IK-ACC-SP06B-300-1200-SF	SLIP FITTER MOUNTING BRACKET	<a href="#">View / Download</a>
662187512570	IK-ACC-SP06B-300W/400W/500W/600W-SH	SHIELD	<a href="#">View / Download</a>
662187487663	IK-PHC-3PIN-AC277-480V	PHOTOCELL (3 PIN) AC277-480V	<a href="#">View / Download</a>
662187487717	IK-PHC-5PIN-AC277-480V	PHOTOCELL (5 PIN) AC277-480V	<a href="#">View / Download</a>
662187487724	IK-PHC-7PIN-AC277-480V	PHOTOCELL (7 PIN) AC277-480V	<a href="#">View / Download</a>
662187483634	IK-PHC-3PIN-SOCKET-0-480V	PHOTOCELL (3 PIN) SOCKET AC 0-480V	<a href="#">View / Download</a>
662187483641	IK-PHC-5PIN-SOCKET-0-480V	PHOTOCELL (5 PIN) SOCKET AC 0-480V	<a href="#">View / Download</a>
662187487755	IK-PHC-7PIN-SOCKET-0-480V	PHOTOCELL (7 PIN) SOCKET AC 0-480V	<a href="#">View / Download</a>
662187507637	IK-ACC-SPD-10KV-(277-480V)	SURGE PROTECTION 10kV (277-480V)	<a href="#">View / Download</a>
662187488516	IK-ACC-SPD-20KV-(277-480V)	SURGE PROTECTION 20kV (277-480V)	<a href="#">View / Download</a>

\*Choice of one accessory: Mounting Bracket (Slip Fitter or Flood Mount—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** (BR-Bronze, WH-White), **Accessories** (3RP-3 Pin Rotating Photocell, 3NP-3 Pin No Photocell, 3NT- 3 Pin No Rotating Shorting Cap, 5RP-5 Pin Rotating Photocell, 5NP-5 Pin No Photocell, 5NT- 5 Pin No Rotating Shorting Cap, 7RP-7 Pin Rotating Photocell, 7NP-7 Pin No Photocell, 7NT- 7 Pin No Rotating Shorting Cap, 10SP-Surge Protection, 20SP-Surge Protection, AM-Slip Fitter Mounting Bracket, FM- Flood Mounting)