

ITEM SKU#: 662187512273

# 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                       | 626W                   |
| Voltage                         | 120-277V               |
| Current                         | 2.51A                  |
| Power Factor                    | 0.9                    |
| Total Harmonic Distortion (THD) | 15%                    |
| Surge Protection                | L/N-PE: 10kV, L-N: 6kV |

#### LIGHTING PERFORMANCE

|  |                                    |
|--|------------------------------------|
| Lumens                                     | 46842lm-62456lm-78070lm-97744lm    |
| Efficacy                                   | 156.14lm/W                         |
| Color Temperature (CCT)                    | 5700K                              |
| Color Rendering (CRI)                      | 72                                 |
| R9 (Red Value)                             | -37                                |
| R13 (Skin Tones)                           | 71                                 |
| 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: 46842lm at 300W, 62456lm at 400W, 78070lm at 500W, 97744lm at 626W.  
 \*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-E1PS2MV-57K-BL-SH-20SP-FM  |
| Qualified Part Number | IK-SP06B-600/500/400/300W-E1PS2MV-[BR, WH, BL] [-3RP, -3NP, -3NT, -5RP, -5NP, -5NT, -7RP, -7NP, -7NT] or blank[10SP, 20SP or blank][AM, FM or blank]57 |
| SKU Number            | 662187512273   |



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)**

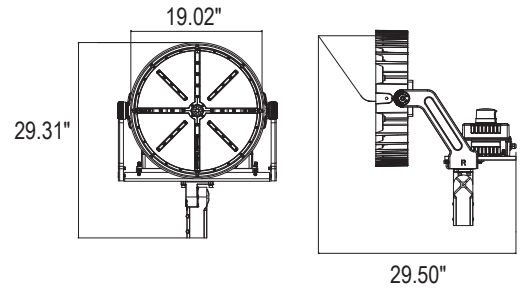
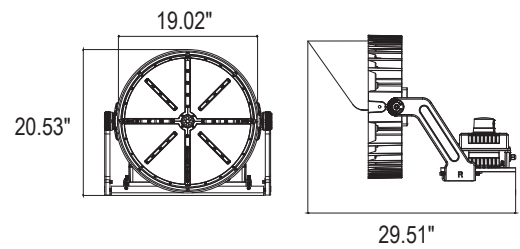
|                   |        |
|-------------------|--------|
| Width (Inches)    | 29.50" |
| Height (Inches)   | 29.31" |
| Diameter (Inches) | 19.02" |
| Net Weight (lbs)  | 55.12  |

**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)<br>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 |
|--------------|---|--------------|
| 662187512273 | DYNAMO 4 PRO SFL: 626W / 46842-62456-78070-97744LM / 5700K / 120-277V / 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> |
| 662187487625 | IK-ACC-SPD-20KV-(100-277V)          | SURGE PROTECTION 20kV (100-277V) | <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> |
| 662187482231 | IK-PHC-3PIN-AC100-277V              | PHOTOCELL (3 PIN) AC100-277V       | <a href="#">View / Download</a> |
| 662187540160 | IK-PHC-5PIN-AC100-277V              | PHOTOCELL (5 PIN) AC100-277V       | <a href="#">View / Download</a> |
| 662187540177 | IK-PHC-7PIN-AC100-277V              | PHOTOCELL (7 PIN) AC100-277V       | <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> |
| 662187486543 | IK-ACC-SPD-10KV-(100-277V)          | SURGE PROTECTION 10kV (100-277V)   | <a href="#">View / Download</a> |
| 662187487625 | IK-ACC-SPD-20KV-(100-277V)          | SURGE PROTECTION 20kV (100-277V)   | <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)