

ITEM SKU#: 662187512563

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 | 1146.3W |
| Voltage | 277-480V |
| Current | 2.65A |
| Power Factor | 0.9 |
| Total Harmonic Distortion (THD) | 20% |
| Surge Protection | L/N-PE: 10kV, L-N: 6kV |

LIGHTING PERFORMANCE

| | |
|--|------------------------------------|
| Lumens | 113137.5lm-150850lm-172918lm |
| Efficacy | 150.85lm/W |
| Color Temperature (CCT) | 5700K |
| Color Rendering (CRI) | 74 |
| R9 (Red Value) | -29 |
| R13 (Skin Tones) | 71 |
| Beam Angle | 40° |
| 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: 113137.5lm at 750W, 150850lm at 1000W, 172918lm at 1146.3W.
 *Fixtures mustn't be mounted facing upwards; it won't be covered under warranty.

ENVIRONMENT

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

LIFESPAN

| | |
|----------------------|-----------|
| Average Life (Hours) | 100,000 |
| Warranty (Years) | 10 |

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) | 3.04ft² |
| Wind Sharing Rating | 1.2mph |

PART NUMBER & QUALIFICATIONS

| | |
|-----------------------|---|
| Ordering Part Number | IK-SP06B-1200/1000/750W-E1PS4HV-57K-BL-SH-20SP-FM |
| Qualified Part Number | IK-SP06B-1200/1000/750W-E1PS4HV-[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 | 662187512563 |



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)

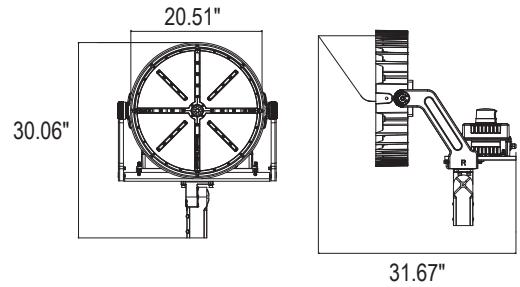
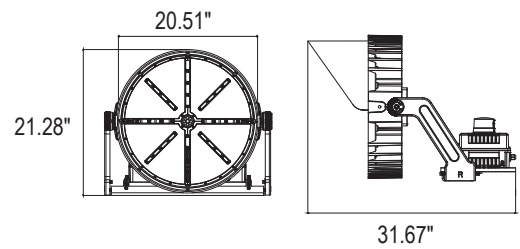
| | |
|-------------------|--------|
| Width (Inches) | 31.67" |
| Height (Inches) | 30.06" |
| Diameter (Inches) | 20.51" |
| Net Weight (lbs) | 70.98 |

DIMENSIONS AND WEIGHT (FLOOD MOUNT)

| | |
|-------------------|--------|
| Width (Inches) | 31.67" |
| Height (Inches) | 21.28" |
| Diameter (Inches) | 20.51" |
| Net Weight (lbs) | 62.04 |

PACKAGING**SLIP FITTER & FLOOD MOUNT**

| | |
|-------------------------|--|
| Box Dimensions (Inches) | 27.16" x 24.01" x 24.21" |
| Box Weight (lbs) | 84.66 (Slip Fitter Mount) 75.68 (Flood Mount) |
| Quantity Per Box | 1 |

Slip Fitter Mount**Flood Mount****SUPPORTING DOCUMENTS**

| DOCUMENTS | DOCUMENT LINK |
|---|---------------------------------|
| Product Sheet | View / Download |
| IES Files | View / Download |
| LM79 Report | View / Download |
| LM80 Report | View / Download |
| Installation Instructions | View / Download |

ORDERING INFORMATION

| SKU NUMBER | DESCRIPTION | QUANTITY/BOX |
|--------------|---|--------------|
| 662187512563 | DYNAMO 4 PRO SFL: 1146.3W / 113137.5-150850-172918LM / 5700K / 277-480V / BLACK | 1 |

ACCESSORIES**INCLUDED IN THE BOX**

| SKU NUMBER | PRODUCT CODE | DESCRIPTION | DOCUMENT LINK |
|--------------|--------------------------------|----------------------------------|---------------------------------|
| 662187507651 | IK-ACC-SP06B-750/1000/1200W-FM | FLOOD MOUNTING BRACKET | View / Download |
| 662187507743 | IK-ACC-SP06B-750/1000/1200W-SH | SHIELD | View / Download |
| 662187488516 | IK-ACC-SPD-20KV-(277-480V) | SURGE PROTECTION 20kV (277-480V) | View / Download |

ACCESSORIES

SOLD SEPARATELY

| SKU NUMBER | PRODUCT CODE | DESCRIPTION | DOCUMENT LINK |
|--------------|--------------------------------|------------------------------------|---------------------------------|
| 662187507651 | IK-ACC-SP06B-750/1000/1200W-FM | FLOOD MOUNTING BRACKET | View / Download |
| 662187487946 | IK-ACC-SP06B-300-1200-SF | SLIP FITTER MOUNTING BRACKET | View / Download |
| 662187507743 | IK-ACC-SP06B-750/1000/1200W-SH | SHIELD | View / Download |
| 662187487663 | IK-PHC-3PIN-AC277-480V | PHOTOCELL (3 PIN) AC277-480V | View / Download |
| 662187487717 | IK-PHC-5PIN-AC277-480V | PHOTOCELL (5 PIN) AC277-480V | View / Download |
| 662187487724 | IK-PHC-7PIN-AC277-480V | PHOTOCELL (7 PIN) AC277-480V | View / Download |
| 662187483634 | IK-PHC-3PIN-SOCKET-0-480V | PHOTOCELL (3 PIN) SOCKET AC 0-480V | View / Download |
| 662187483641 | IK-PHC-5PIN-SOCKET-0-480V | PHOTOCELL (5 PIN) SOCKET AC 0-480V | View / Download |
| 662187487755 | IK-PHC-7PIN-SOCKET-0-480V | PHOTOCELL (7 PIN) SOCKET AC 0-480V | View / Download |
| 662187507637 | IK-ACC-SPD-10KV-(277-480V) | SURGE PROTECTION 10kV (277-480V) | View / Download |
| 662187488516 | IK-ACC-SPD-20KV-(277-480V) | SURGE PROTECTION 20kV (277-480V) | View / Download |

*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)