

Dynamo 3[®] Stadium Flood Light

Industrial Lighting | Flood Lights



IKIO Dynamo 3 Stadium Flood Light with aluminum alloy composition, rugged die-cast design, and integrated cooling fans, to ensure optimum heat dissipation. Seamless link of aerometal materials and numerous vents on the heat sink improves heat management and ensures the stability of the light system.

Trademark features for
your ease and safety

PRODUCT USP's



Excellent Heat
Dissipation



IP66 Rated



240° Adjustable
Beam Angle



Laser Installation
for Aiming

Product Details

General Information

CCT	3000 K / 4000 K / 5000 K (Standard)
CRI	>70 Ra
System Efficiency	>90%
Distribution/Beam Angle	30°
Control Interface	-
Light Source Engine Type	LED
Operating Temperature	22° F to +122° F
Operating Hours	Over 100,000 hours lifetime at L70
Warranty Period	10 Years
EPA	1.59 ft ²
Wind Rating	130 mph
BUG Rating	B5 - U1 - G1

Operating and Electrical

Voltage	AC 100 - 277 V / AC 240 - 480 V, 50/60 Hz
Frequency	50/60 Hz
Power Factor	0.95
Total Harmonic Distortion	<15%

Controls and Dimming

Dimmable	0-10 V Dimmable
Drivers	INVENTRONICS

Construction

Housing	Die cast aluminum
Lens Material	PC
Base / Power Supply	Hard Wired
Color	Black

Approval and Application

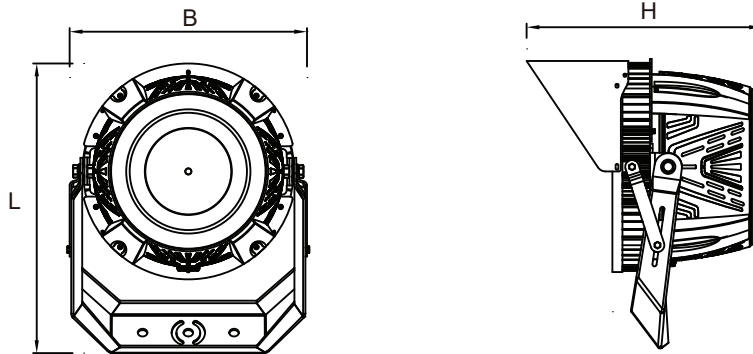
IP Rating	IP 66
Application Areas	Stadium, Sports Field, High Mast Lighting, Light Tower, Ports



Lighting Performance

Power (W)	Efficacy (lm/W)	Lumen Output (lm)	CCT Options (K)	Dimensions (in)
300W	150 lm/W	46500 lm	3000 K - 5700 K	19.68 (L) X 15.94 (B) X 16.33 (H)
400W	150 lm/W	62000 lm	3000 K - 5700 K	19.68 (L) X 15.94 (B) X 16.33 (H)
500W <i>(DLC Listed)</i>	150 lm/W	77500 lm	3000 K - 5700 K	19.68 (L) X 15.94 (B) X 16.33 (H)
600W	150 lm/W	93000 lm	3000 K - 5700 K	19.68 (L) X 15.94 (B) X 16.33 (H)

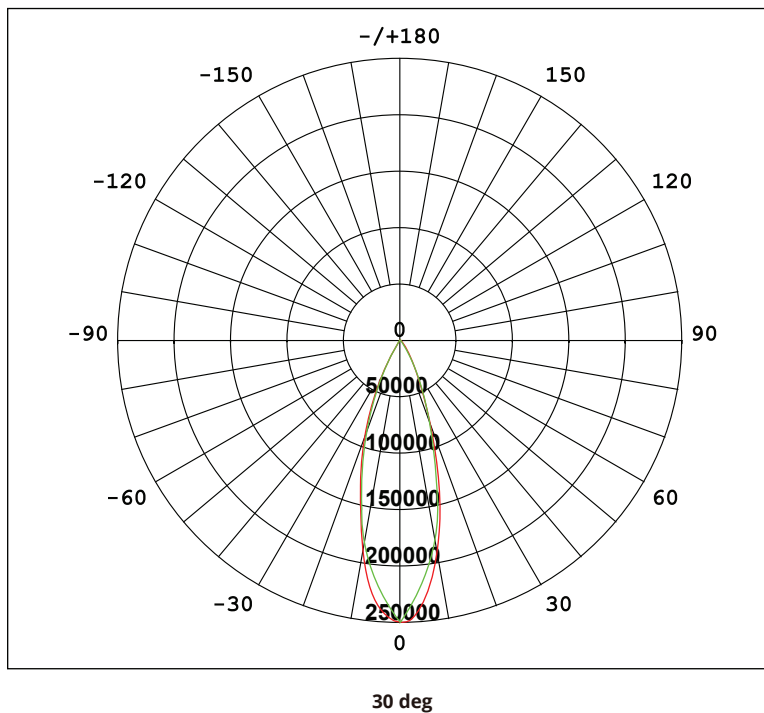
Dimensional Data



Note

1. All dimensions are in (Inches) unless otherwise indicated.
2. Dimensions may vary with options or accessories.

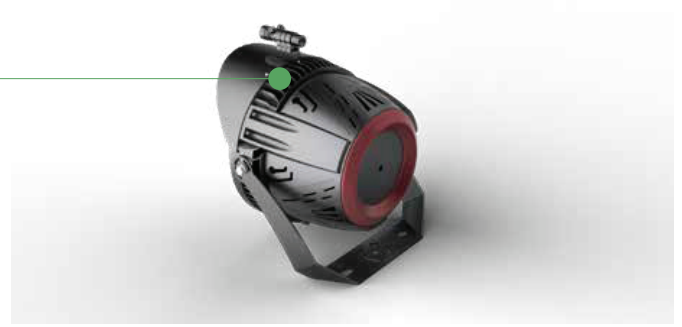
Distribution Options



Accessories / Replacement Parts

Radiator

With fin heat sinks, increased heat dissipation and a longer life for sports lighting. The back cover has a cooling effect (the power is placed on the back cover, and the heat generated is conducted to the back cover to dissipate heat).



Bracket

The whole lamp can be adjusted in angle by changing the bracket.



Laser Aiming Devices (Optional)

The Laser Aiming Device gives you precision control in angling and aiming each sport light to its exact optimal position.

Application Image





Products Qualification Listing Table

Product Code	SKU Code	Power	Efficacy	Lumen Output	CCT (K)
IK-SLEL2-0300-D-30	662187528335	300W	150 lm/w	46500 lm	3000K
IK-SLEL2-0300-D-35	662187528342	300W	150 lm/w	46500 lm	3500K
IK-SLEL2-0300-D-40	662187528359	300W	150 lm/w	46500 lm	4000K
IK-SLEL2-0300-D-45	662187528366	300W	150 lm/w	46500 lm	4500K
IK-SLEL2-0300-D-50	662187528373	300W	150 lm/w	46500 lm	5000K
IK-SLEL2-0300-D-57	662187528380	300W	150 lm/w	46500 lm	5700K
IK-SLEL2-0400-D-30	662187528397	400W	150 lm/w	62000 lm	3000K
IK-SLEL2-0400-D-35	662187528403	400W	150 lm/w	62000 lm	3500K
IK-SLEL2-0400-D-40	662187528410	400W	150 lm/w	62000 lm	4000K
IK-SLEL2-0400-D-45	662187528434	400W	150 lm/w	62000 lm	4500K
IK-SLEL2-0400-D-50	662187528441	400W	150 lm/w	62000 lm	5000K
IK-SLEL2-0400-D-57	662187528458	400W	150 lm/w	62000 lm	5700K
IK-SLEL2-0500-D-30	662187528465	500W	150 lm/w	77500 lm	3000K
IK-SLEL2-0500-D-35	662187528472	500W	150 lm/w	77500 lm	3500K
IK-SLEL2-0500-D-40	662187528489	500W	150 lm/w	77500 lm	4000K
IK-SLEL2-0500-D-45	662187528496	500W	150 lm/w	77500 lm	4500K
IK-SLEL2-0500-D-50	662187528502	500W	150 lm/w	77500 lm	5000K
IK-SLEL2-0500-D-57	662187528519	500W	150 lm/w	77500 lm	5700K
IK-SLEL2-0600-D-30	662187528526	600W	150 lm/w	93000 lm	3000K
IK-SLEL2-0600-D-35	662187528533	600W	150 lm/w	93000 lm	3500K
IK-SLEL2-0600-D-40	662187528540	600W	150 lm/w	93000 lm	4000K
IK-SLEL2-0600-D-45	662187528557	600W	150 lm/w	93000 lm	4500K
IK-SLEL2-0600-D-50	662187528564	600W	150 lm/w	93000 lm	5000K
IK-SLEL2-0600-D-57	662187528571	600W	150 lm/w	93000 lm	5700K

Ordering Information Example - IK-SLEL2-0300-D-30

IK-SLEL2	-		-	D-
SERIES		WATTAGE		CCT
		0300		30K 45K
		0400		35K 50K
		0500		40K 57K
		0600		

- Note**
1. Lead times will vary depending on options selected.
 2. Mount to be included as per customer requirement.

Packing Details

Box Dimensions	300-600W (450x450x355mm)
Quantity Per Box	1 PCS.
Box Weight	12.5 KG(300W-500W), 15KG(600W)

Installation Instructions

⚠ WARNING: DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install and use the luminaire.

GENERAL: ALL ELECTRICAL CONNECTIONS MUST BE IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODE (N.E.C.) STANDARDS. IF YOU ARE UNFAMILIAR WITH PROPER ELECTRICAL WIRING CONNECTIONS OBTAIN THE SERVICES OF A QUALIFIED ELECTRICIAN. REMOVE THE TRIM FROM THE BOX AND MAKE SURE THAT NO PARTS ARE MISSING.

WARNING - Risk of fire or electric shock. Installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING - Risk of fire or electric shock. Install luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the does not exceed the input rating of the luminaire. Do not make or alter any open holes in an enclosure of wiring or electrical components during installation.

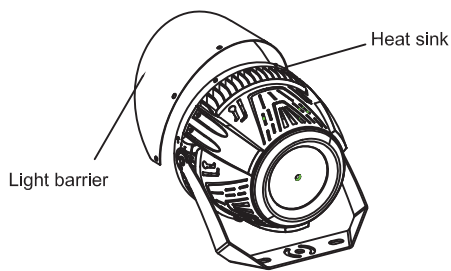
WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects .

Risk of Electric Shock: Disconnect power or circuit breaker before installing or servicing.

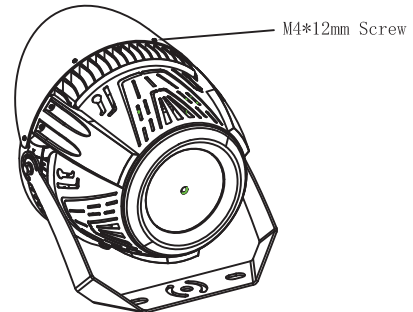
Before installation, please check if the local voltage range is correspond with the working voltage of the fixture.

If the fixture is damaged, it should be replaced by the supplier, a service agent or a qualified person.

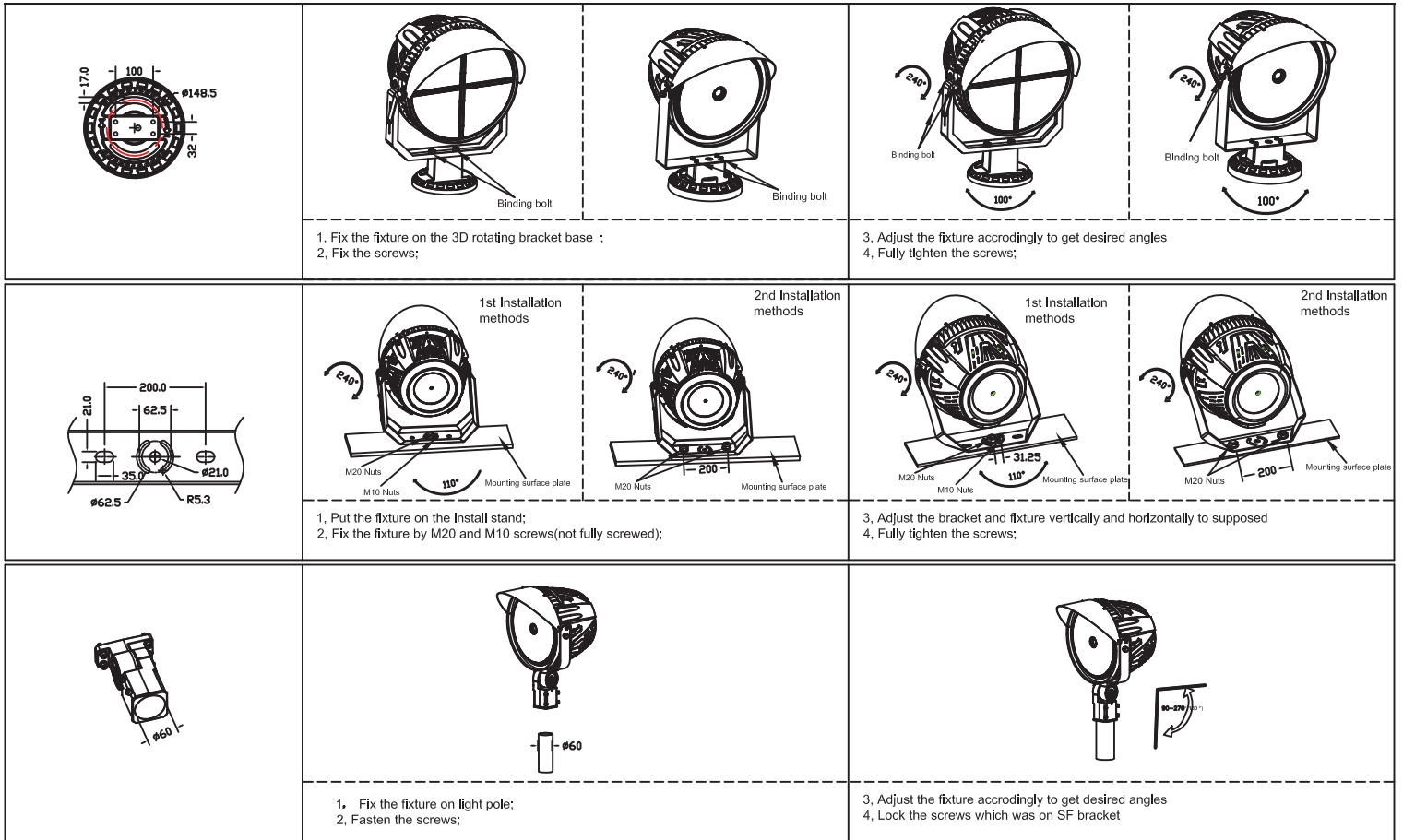
Light Barrier installation of 300 W - 600 W



Put the light barrier on the lamp body



Use 5 pcs of M5*12MM Hex Screw to lock the light barrier on the lamp body



Wiring Diagram

