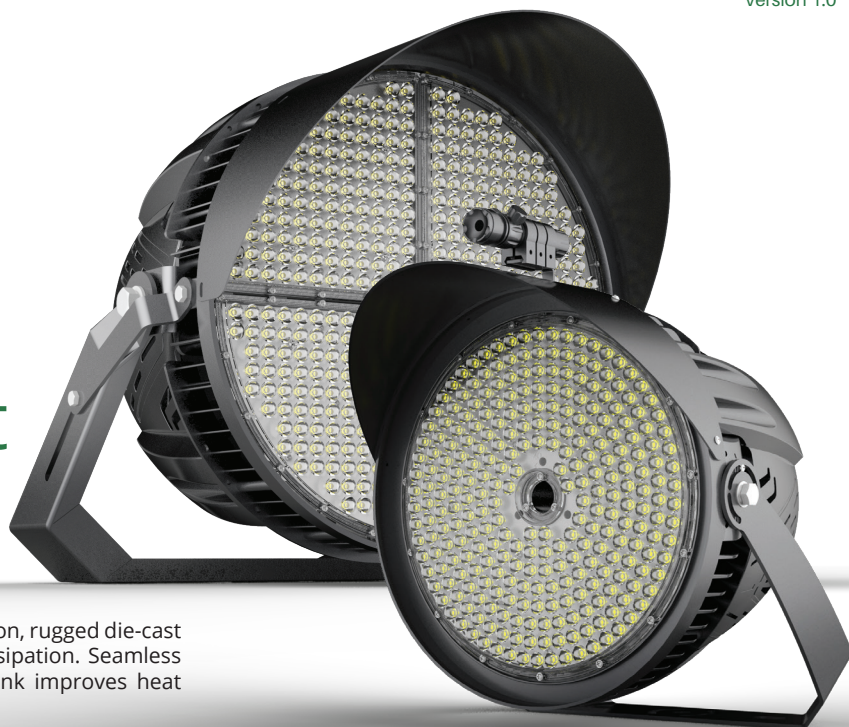


Dynamo 3[®] Stadium Flood Light

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 / 3500 K / 4000 K / 4500 K / 5000 K (Standard) / 5700 K
CRI	>70 Ra
System Efficiency	>90%
Distribution/Beam Angle	15°/20°/ 30°/ 25°/ 40°/60°/80°
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 (300-600W), Forging aluminum (750-1250W)
Lens Material	PC
Base / Power Supply	Hard Wired
Color	Black

Approval and Application

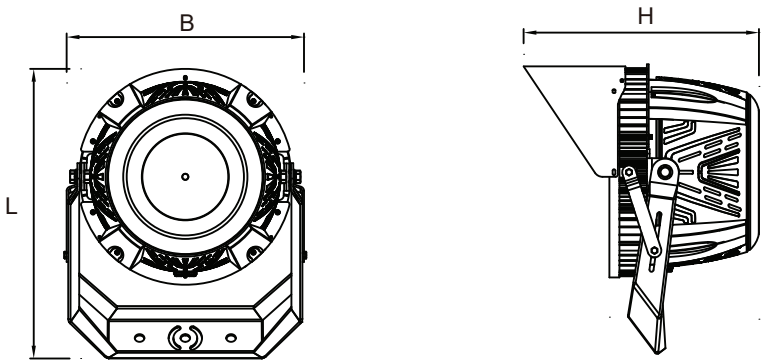
IP Rating	IP 66
Application Areas	Stadium, Sports Field, High Mast Lighting, Light Tower, Ports



Lighting Performance

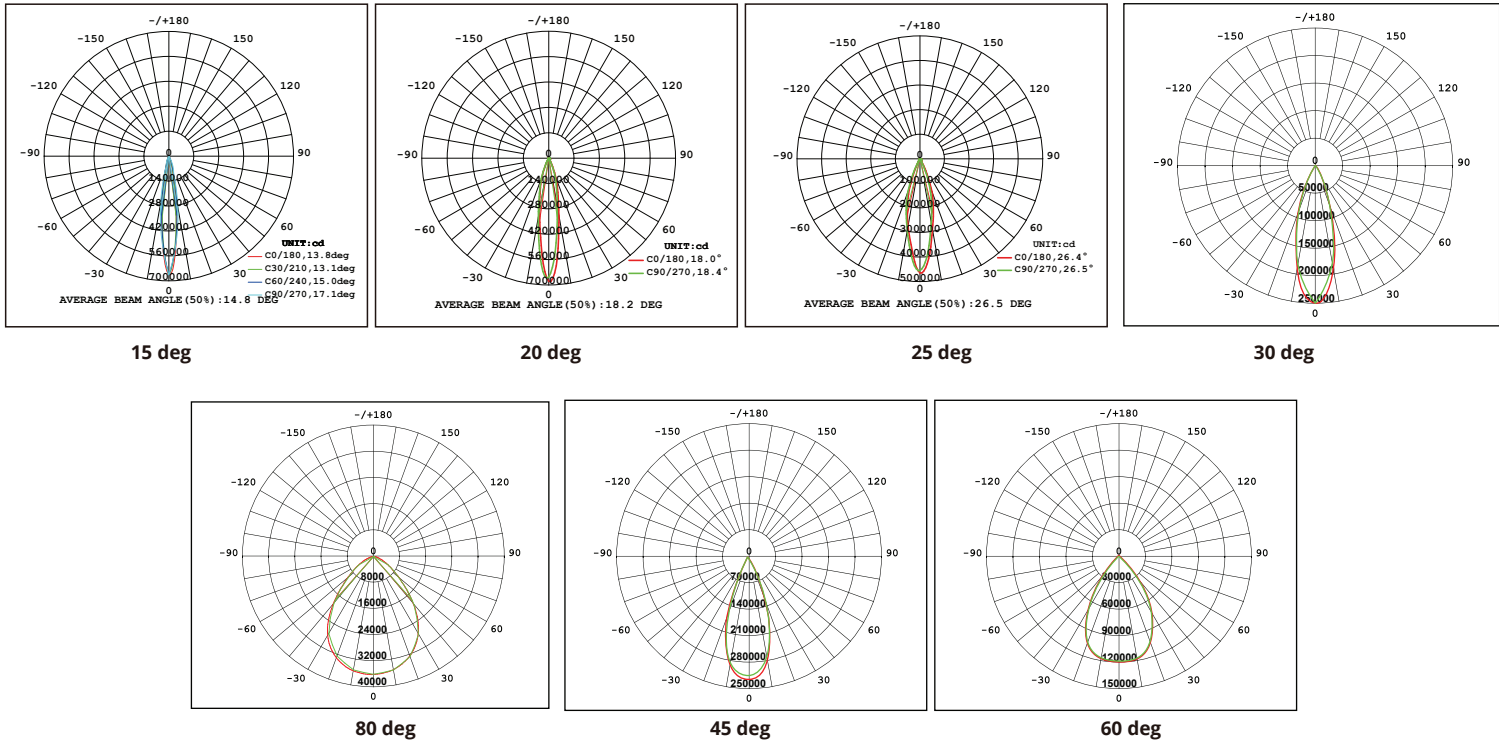
Power (W)	Efficacy (lm/W)	Lumen Output (lm)	CCT Options (K)	Dimensions (in)
300W	150 lm/W	46500 lm	3000 K - 5700 K	19.68 (L) X 15.94 (B) X 16.33 (H)
400W	150 lm/W	62000 lm	3000 K - 5700 K	19.68 (L) X 15.94 (B) X 16.33 (H)
500W <i>(DLC Listed)</i>	150 lm/W	77500 lm	3000 K - 5700 K	19.68 (L) X 15.94 (B) 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)
750W	150 lm/W	116250 lm	3000 K - 5700 K	25.00 (L) X 20.47 (B) X 20.27 (H)
1000W	150 lm/W	155000 lm	3000 K - 5700 K	25.00 (L) X 20.47 (B) X 20.27 (H)
1250W	150 lm/W	193750 lm	3000 K - 5700 K	25.00 (L) X 20.47 (B) X 20.27 (H)

Dimensional Data



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

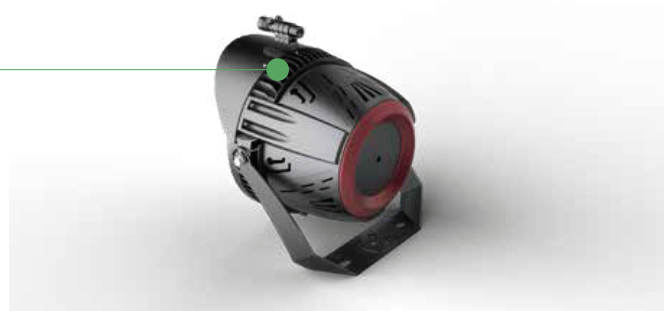
Distribution Options



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.

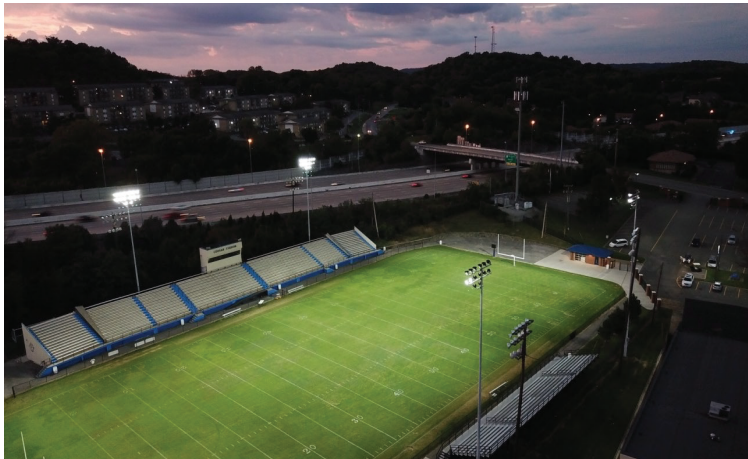


Laser Aiming Devices (Optional)

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

Product Code	SKU Code	Power	Efficacy	Lumen Output	CCT (K)
IK-SLEL2-0750-D-30	662187528588	750W	150 lm/w	116250 lm	3000K
IK-SLEL2-0750-D-35	662187528595	750W	150 lm/w	116250 lm	3500K
IK-SLEL2-0750-D-40	662187528601	750W	150 lm/w	116250 lm	4000K
IK-SLEL2-0750-D-45	662187528618	750W	150 lm/w	116250 lm	4500K
IK-SLEL2-0750-D-50	662187528625	750W	150 lm/w	116250 lm	5000K
IK-SLEL2-0750-D-57	662187528632	750W	150 lm/w	116250 lm	5700K
IK-SLEL2-1000-D-30	662187528649	1000W	150 lm/w	155000 lm	3000K
IK-SLEL2-1000-D-35	662187528656	1000W	150 lm/w	155000 lm	3500K
IK-SLEL2-1000-D-40	662187528663	1000W	150 lm/w	155000 lm	4000K
IK-SLEL2-1000-D-45	662187528670	1000W	150 lm/w	155000 lm	4500K
IK-SLEL2-1000-D-50	662187528687	1000W	150 lm/w	155000 lm	5000K
IK-SLEL2-1000-D-57	662187528694	1000W	150 lm/w	155000 lm	5700K
IK-SLEL2-1250-D-30	662187528700	1250W	150 lm/w	193750 lm	3000K
IK-SLEL2-1250-D-35	662187528717	1250W	150 lm/w	193750 lm	3500K
IK-SLEL2-1250-D-40	662187528724	1250W	150 lm/w	193750 lm	4000K
IK-SLEL2-1250-D-45	662187528731	1250W	150 lm/w	193750 lm	4500K
IK-SLEL2-1250-D-50	662187528748	1250W	150 lm/w	193750 lm	5000K
IK-SLEL2-1250-D-57	662187528755	1250W	150 lm/w	193750 lm	5700K

Ordering Information

Example - IK-SLEL2-0300-D-30

IK-SLEL2	-		-	D-
SERIES	WATTAGE		CCT	
	0300	0750	30K	45K
	0400	1000	35K	50K
	0500	1250	40K	57K
	0600			

Note

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

Packing Details

Box Dimensions	300-600W (450x450x355mm) / 750-1250W (620x570x415mm)
Quantity Per Box	1 PCS.
Box Weight	12.5 KG(300W-500W), 15KG(600W), 23KG (750W-1000W), 19.5 KG(1200W/1250W)

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.

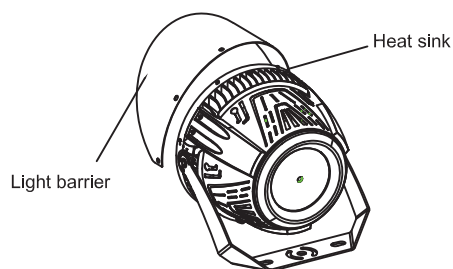
WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects .

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

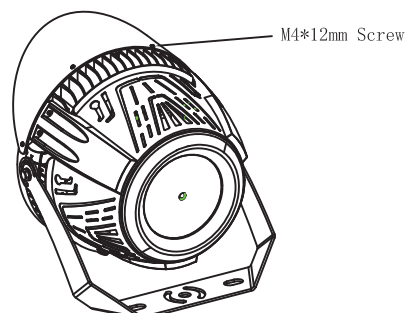
Before installation, please check if the local voltage range is correspond with the working voltage of the fixture.

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

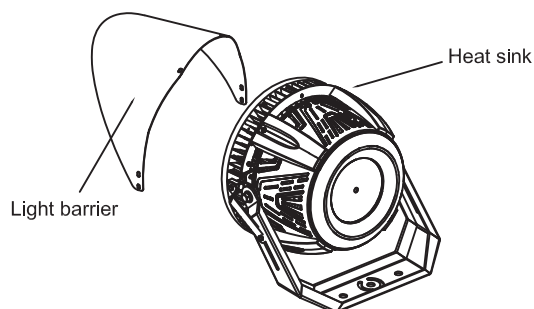


Put the light barrier on the lamp body

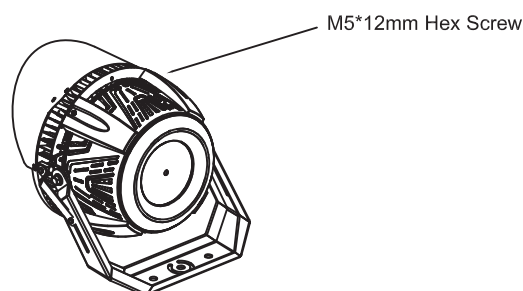


Use 5 pcs of M5*12MM Hex Screw to lock the light barrier on the lamp body

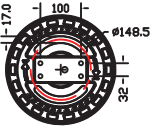


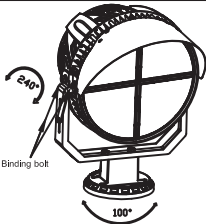
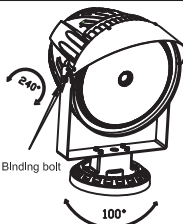
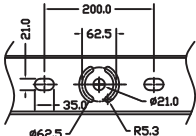
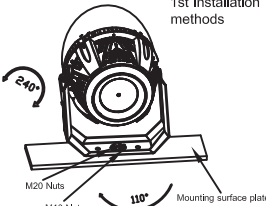
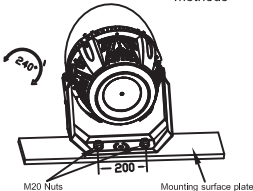
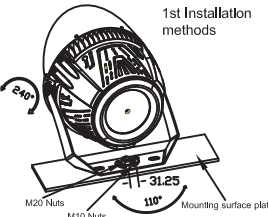
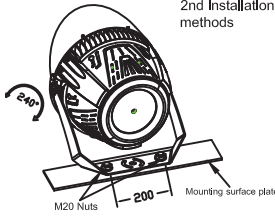


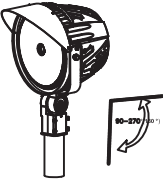



























Light Barrier installation of 750 W - 1250 W



Put the light barrier on the lamp body



Use 6 pcs of M5*12MM Hex Screw to lock the light barrier on the lamp body

	 Binding bolt	 Binding bolt	 Binding bolt 240° 100°	 Binding bolt 240° 100°																					
<p>1, Fix the fixture on the 3D rotating bracket base ; 2, Fix the screws;</p>			<p>3, Adjust the fixture accordingly to get desired angles 4, Fully tighten the screws;</p>																						
	<p>1st Installation methods</p>  240° M20 Nuts M10 Nuts 110° Mounting surface plate	<p>2nd Installation methods</p>  240° M20 Nuts 200 Mounting surface plate	<p>1st Installation methods</p>  240° M20 Nuts M10 Nuts 110° Mounting surface plate	<p>2nd Installation methods</p>  240° M20 Nuts 200 Mounting surface plate																					
<p>1, Put the fixture on the install stand; 2, Fix the fixture by M20 and M10 screws(not fully screwed);</p>			<p>3, Adjust the bracket and fixture vertically and horizontally to supposed 4, Fully tighten the screws;</p>																						
 60	 60			 60-270																					
<p>1, Fix the fixture on light pole; 2, Fasten the screws;</p>			<p>3, Adjust the fixture accordingly to get desired angles 4, Lock the screws which was on SF bracket</p>																						
<p>Wiring Diagram</p> <table><tr><td>brack</td><td>--L--</td><td></td><td></td><td></td><td>L</td><td>L</td></tr><tr><td>White</td><td>--N--</td><td></td><td></td><td></td><td>N</td><td>N</td></tr><tr><td>green</td><td></td><td></td><td></td><td></td><td>GND</td><td>GND</td></tr></table>					brack	--L--				L	L	White	--N--				N	N	green					GND	GND
brack	--L--				L	L																			
White	--N--				N	N																			
green					GND	GND																			