

ITEM SKU#: 662187501604

Raydent

Stadium Flood Light

INDUSTRIAL LIGHTING | FLOOD LIGHTS



FEATURES

- Premium multifaceted polycarbonate lens maximizes light output while ensuring even distribution.
- With an IP65 rating and EPA of up to 3.04ft², the fixture is built to deliver stable performance in harsh outdoor environments.
- 1-10V dimming control offers flexible light output adjustments, while instant start technology eliminates flickering and humming.
- Engineered for easy installation, this fixture simplifies the transition to LED, making it ideal for quick, cost-effective upgrades.
- Equipped with 6kV + 10kV surge protection for reliability during fluctuations.
- Compatible with DMX control, allowing dynamic behaviors such as color-changing, grouping, scheduling, and remote operation.
- Visor and laser pointer options available.

APPLICATIONS

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

PRODUCT DETAILS

ELECTRICAL

Power	751.8W
Voltage	120-277V
Current	3.01A
Power Factor	0.9
Total Harmonic Distortion (THD)	15%
Surge Protection	L/N-PE: 10kV, L-N: 6kV

LIGHTING PERFORMANCE

Lumens	118543lm
Efficacy	157.68lm/W
Color Temperature (CCT)	5700K
Color Rendering (CRI)	72
R9 (Red Value)	-32
R13 (Skin Tones)	70
Beam Angle	30°
Light Distribution	Type I, Very Short
BUG Rating (Backlight, Uplight, and Glare)	B5-U0-G5
Dimmable Lighting Control	Continuous Dimming to 10% or Below

Notes:
*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

CONSTRUCTION

Housing	Die-cast Aluminum
Diffuser	Clear
Finish	Black
Effective Projected Area (EPA)	3.04ft ²
Wind Sharing Rating	1.2mph

PART NUMBER & QUALIFICATIONS

Ordering Part Number	IK-SP08-750WXYA1-abcde57
Qualified Part Number	IK-SP08-750PS3A1-acde57
SKU Number	662187501604



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)	13.9"
Height (Inches)	27.7"
Diameter (Inches)	19.1"
Net Weight (lbs)	49.6

DIMENSIONS AND WEIGHT (FLOOD MOUNT)

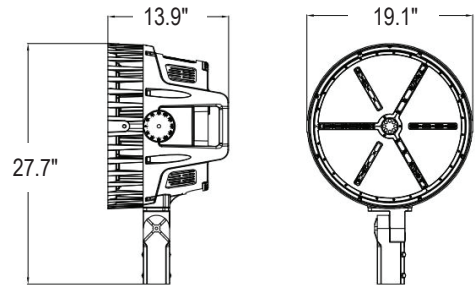
Width (Inches)	18.0"
Height (Inches)	19.5"
Diameter (Inches)	21.3"
Net Weight (lbs)	44.31

PACKAGING

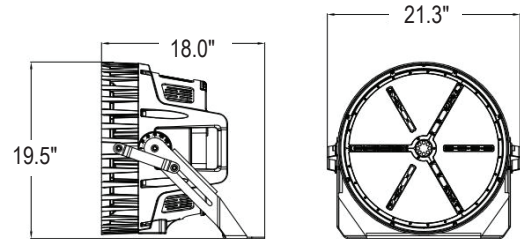
SLIP FITTER & FLOOD MOUNT

Box Dimensions (Inches)	23.22" x 22.04" x 19.88"
Box Weight (lbs)	55.55 (Slip Fitter Mount) 50.26 (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
662187501604	RAYDENT SFL: 751.8W / 118543LM / 5700K / 120-277V / BLACK	1

ACCESSORIES

SOLD SEPARATELY

SKU NUMBER	PRODUCT CODE	DESCRIPTION	DOCUMENT LINK
662187487632	IK-ACC-SP08-FLOODMOUNT	FLOOD MOUNTING BRACKET	View / Download
662187487960	IK-ACC-SP08-SLIPFITTER	SLIP FITTER MOUNTING BRACKET	View / Download

ACCESSORIES

SOLD SEPARATELY

SKU NUMBER	PRODUCT CODE	DESCRIPTION	DOCUMENT LINK
662187487649	IK-ACC-SP08-SHIELD	SHIELD	View / Download
662187482231	IK-PHC-3PIN-AC100-277V	PHOTOCELL (3 PIN) AC100-277V	View / Download
662187540160	IK-PHC-5PIN-AC100-277V	PHOTOCELL (5 PIN) AC100-277V	View / Download
662187540177	IK-PHC-7PIN-AC100-277V	PHOTOCELL (7 PIN) AC100-277V	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
662187486543	IK-ACC-SPD-10KV-(100-277V)	SURGE PROTECTION 10KV	View / Download
662187487625	IK-ACC-SPD-20KV-(100-277V)	SURGE PROTECTION 20KV	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.