

ITEM SKU#: 662187487618

# 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 3.04 ft<sup>2</sup>, 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	752.8W
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	118487lm
Efficacy	157.4lm/W
Color Temperature (CCT)	5000K
Color Rendering (CRI)	72
R9 (Red Value)	-35
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	<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

### CONSTRUCTION

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

### PART NUMBER & QUALIFICATIONS

Ordering Part Number	IK-SP08-750WXYA1-abcde50
Qualified Part Number	IK-SP08-750PS3A1-acde50
SKU Number	662187487618



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)**

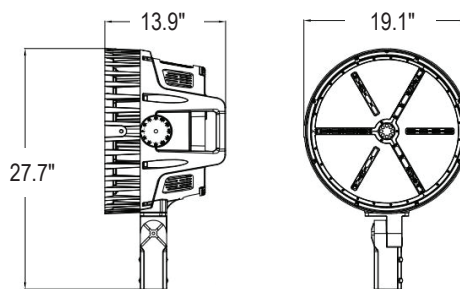
Width (Inches)	18.0"
Height (Inches)	19.5"
Diameter (Inches)	21.3"
Net Weight (lbs)	44.31

**PACKAGING**

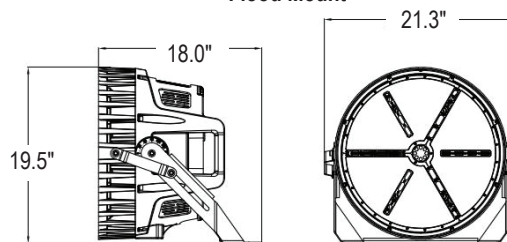
SLIP FITTER & FLOOD MOUNT

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
<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
662187487618	RAYDENT SFL: 752.8W / 118487LM / 5000K / 120-277V / BLACK	1

**ACCESSORIES**

SOLD SEPARATELY

SKU NUMBER	PRODUCT CODE	DESCRIPTION	DOCUMENT LINK
662187487632	IK-ACC-SP08-FLOODMOUNT	FLOOD MOUNTING BRACKET	<a href="#">View / Download</a>
662187487960	IK-ACC-SP08-SLIPFITTER	SLIP FITTER MOUNTING BRACKET	<a href="#">View / Download</a>

## ACCESSORIES

### SOLD SEPARATELY

SKU NUMBER	PRODUCT CODE	DESCRIPTION	DOCUMENT LINK
662187487649	IK-ACC-SP08-SHIELD	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	<a href="#">View / Download</a>
662187487625	IK-ACC-SPD-20KV-(100-277V)	SURGE PROTECTION 20KV	<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.