

BRIGHTX

STADIUM FLOOD LIGHT

With

Integrix System



BRIGHTX

STADIUM FLOOD LIGHT



A Smarter Way to Light the Game

“Proudly Built. Quietly Leading. Lighting That Wins With You.”

As sports infrastructure evolves, lighting systems must do more than illuminate. They must simplify installation, streamline integration, and maintain performance under pressure. BrightX was created to meet these demands head-on, offering a next-generation solution for fast-moving stadium where downtime is not an option.

Unlike conventional floodlights, BrightX was designed around the real needs of contractors, facility managers, and design teams. Its lightweight housing, pre-integrated Integrrix System, and tool-less ergonomic design reduce installation time by up to 30%, enabling faster project turnover, especially in retrofit or compressed scheduling environments.

At the core of the fixture is IKIO’s Integrrix System, which delivers all-in-one electrical integration, eliminating excess wiring, simplifying field connections, and significantly reducing long-term maintenance requirements. It is more than a floodlight; it’s a field-ready system engineered by expert insights.

IntegriXSystem

Mount. Enclose. Operate.



Integrated Wiring Module

The fixture includes a built-in wiring compartment that doubles as the driver housing, enabling faster electrical connections and simplified commissioning. With fewer external components, the system reduces installation complexity and minimizes future maintenance steps.



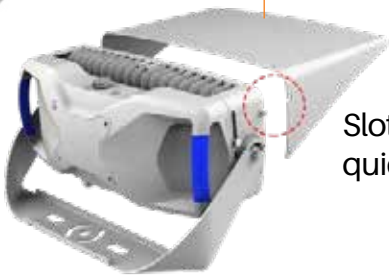
Quick-Release Locking Mechanism

A secure, tool-less locking system allows fast attachment and removal of the driver unit from the heat sink, streamlining maintenance or component replacement, especially in time-sensitive environments.



Auto-Disconnect Safety Feature

For elevated installations, the power supply automatically disengages when the unit is opened for servicing. This built-in safety measure protects maintenance personnel by eliminating the need for manual power isolation during high-access work.



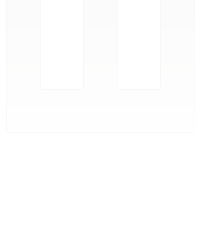
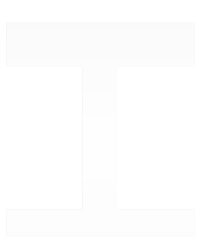
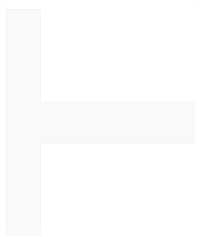
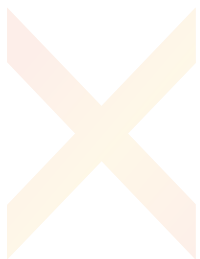
Slot structure enables quick installation.



Multiple visor lengths and reflector options allow for precise light control, directing light exactly where it's needed.

Integrated Design for Safer, Faster Deployments

It is developed to streamline field deployment and minimize operational risk. Its integrated structure reduces installation variables, while built-in safety provisions support compliance during elevated work. The result is a lighting system that aligns with project timelines, simplifies execution, and sustains long-term reliability with minimal intervention.



Dark Sky-Compliant. Light Where It's Needed.

Delivering controlled beam performance with visor-integrated fixture that targets illumination controlling spillage. It's dark sky compliant, improves field uniformity, and enhances visibility, meeting modern sports lighting and regulatory standards without excess energy waste.

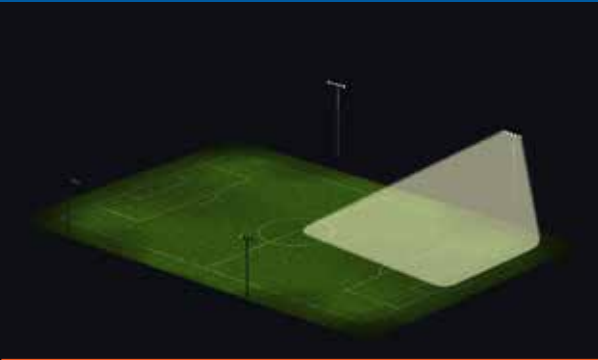
Conventional Multi-Fixture Layout

Traditional installations require numerous fixtures with precise individual aiming. This increases complexity, extends installation time, and can lead to variability in lighting uniformity.



Asymmetric Precision Setup

With a single fixture and wide asymmetric distribution, installation is faster and more consistent. The design ensures uniform coverage while minimizing on-site adjustments.



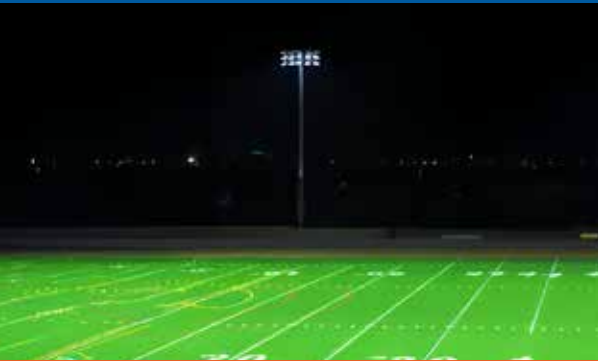
Other Flood Lights

Emits excessive light spillage beyond target areas, causing glare and inefficiency. Lacks dark sky compliance, contributing to skyglow and environmental light pollution.



IKIO BrightX

Engineered with spillage-proof optics and a precision visor for controlled illumination. Fully dark sky friendly with focused beam angles that minimize upward light loss.



Built to Withstand Demanding Environments

Tough Under Pressure

Die-cast aluminum housing and **IK10/IP66** ratings provide proven resistance to impact, moisture, dust, and temperature extremes, ensuring stability in demanding outdoor conditions.



Thermal Reliability

Optimized heat sink design and LED layout support consistent light output while reducing thermal stress, extending operational lifespan and minimizing performance degradation.



Surge-Resilient Design

Integrated driver options with enhanced surge protection device (up to 20kV optional) safeguard internal systems from electrical disturbances.



Precision Lighting for Athletic Excellence

Glare-Free Upgrade for Game-Ready Precision

Oklahoma Panhandle State University | Oklahoma Football Field

Project Insight:
Powered by external drivers, IKIO's OLM solution for Tallassee streamlined maintenance with quick driver replacements and diagnostics, eliminating the need for frequent fixture access. This design will significantly reduce labor costs and downtime in the long term.

IKIO Solution:
The existing lighting setup resulted in inconsistent coverage, glare issues, and energy inefficiencies. With advanced optical control and sealed beam design, the new system provided uniform, glare-free illumination tailored to the field layout. The upgrade improved visibility, reduced fixture count, and delivered measurable energy savings without disrupting facility operations.

- ✓ Annual Energy Savings
129,600 kWh
- ✓ Annual Cost Savings
\$9,525.60
- ✓ Fixtures Commissioned
60
- ✓ Improved Lighting Levels
50%



“ **Customer Review**
IKIO's solution has effectively reduced our long-standing glare issues. The lighting is now perfectly focused on the field, providing much better visibility for players and spectators, and we've seen a noticeable drop in our energy bills too. ”

Retrofit-Ready. Performance-Assured.

Field-Specific Optics. Glare-Free Output.

Searcy School District | Arkansas, USA Football Field

Project Insight:
Legacy metal halide fixtures lacked uniformity and failed to support game-level clarity, especially under night-use conditions. Inconsistent coverage, glare, and limited control restricted the district's ability to host events and ensure safe, high-performance play.

IKIO Solution:
BrightX was selected to streamline the entire project lifecycle—from design to deployment. Pre-configured lighting layouts and adaptable mounting enabled a fast, no-interruption installation. The system delivered precision-focused, glare-free illumination matched to field geometry, while reducing fixture count and long-term maintenance demands ensuring performance, efficiency, and operational continuity.

- ✓ Annual Energy Savings
673,920 kWh
- ✓ Annual Cost Savings
\$49,533.12
- ✓ Fixtures Commissioned
234
- ✓ Improved Lighting Levels
66%



“ **Customer Review**
The new lighting system has drastically improved field visibility and safety, while cutting our energy costs. It's low-maintenance, efficient, and a great long-term investment. ”

BRIGHTX

STADIUM FLOOD LIGHT

Electrical

Power Selectable	600W-700W-800W
Voltage	AC 100-277V (200-480V option available)
Power Factor	≥0.95
Total Harmonic Distortion	≤15%
Surge Protection	10kV (20kV : Optional)

Lighting Performance

Lumen	90000lm-105000lm-120000lm
Efficacy	150lm/W
Color Temperature (cct)	3000K 4000K 5000K 5700K
Beam Angle	20° 40° 60°
Dimmable Lighting Control	0-10V Dimming (DMX,DALI, Synapse)

Environment

Operating Temperature	-40°F ~ +122°F
Ingress Protection Rating (IP)	IP66
Impact Protection Rating (IK)	IK10

Lifespan

Average Life (Hours)	100,000 (L70B50 @77°F)
Warranty (Years)	10

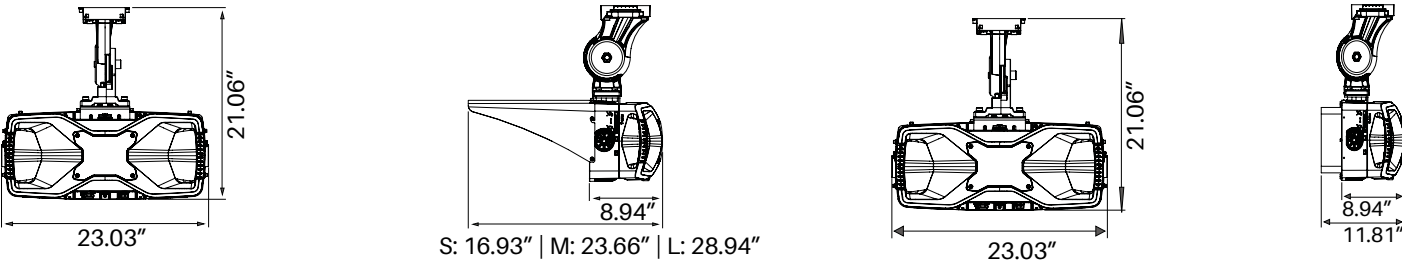
Components

LED Light Source	Bridgelux
Driver	Inventronic (Optional: uPowerTek, Powerland)

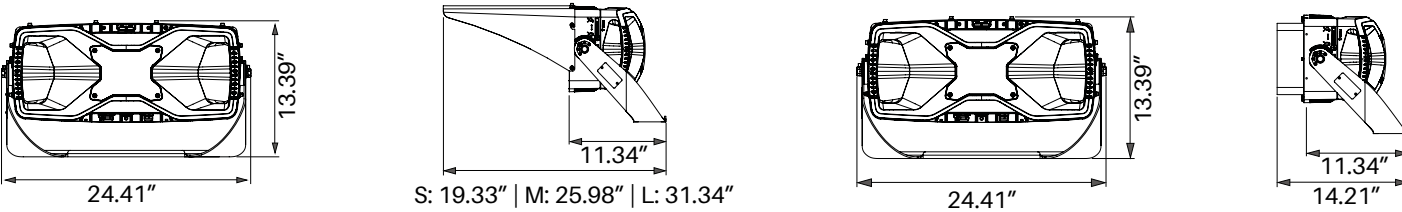
Construction

Housing	Die-cast Aluminum
Lens	Polycarbonate
Finish	Gray (Powder Coated)

Top Arm Mount Bracket

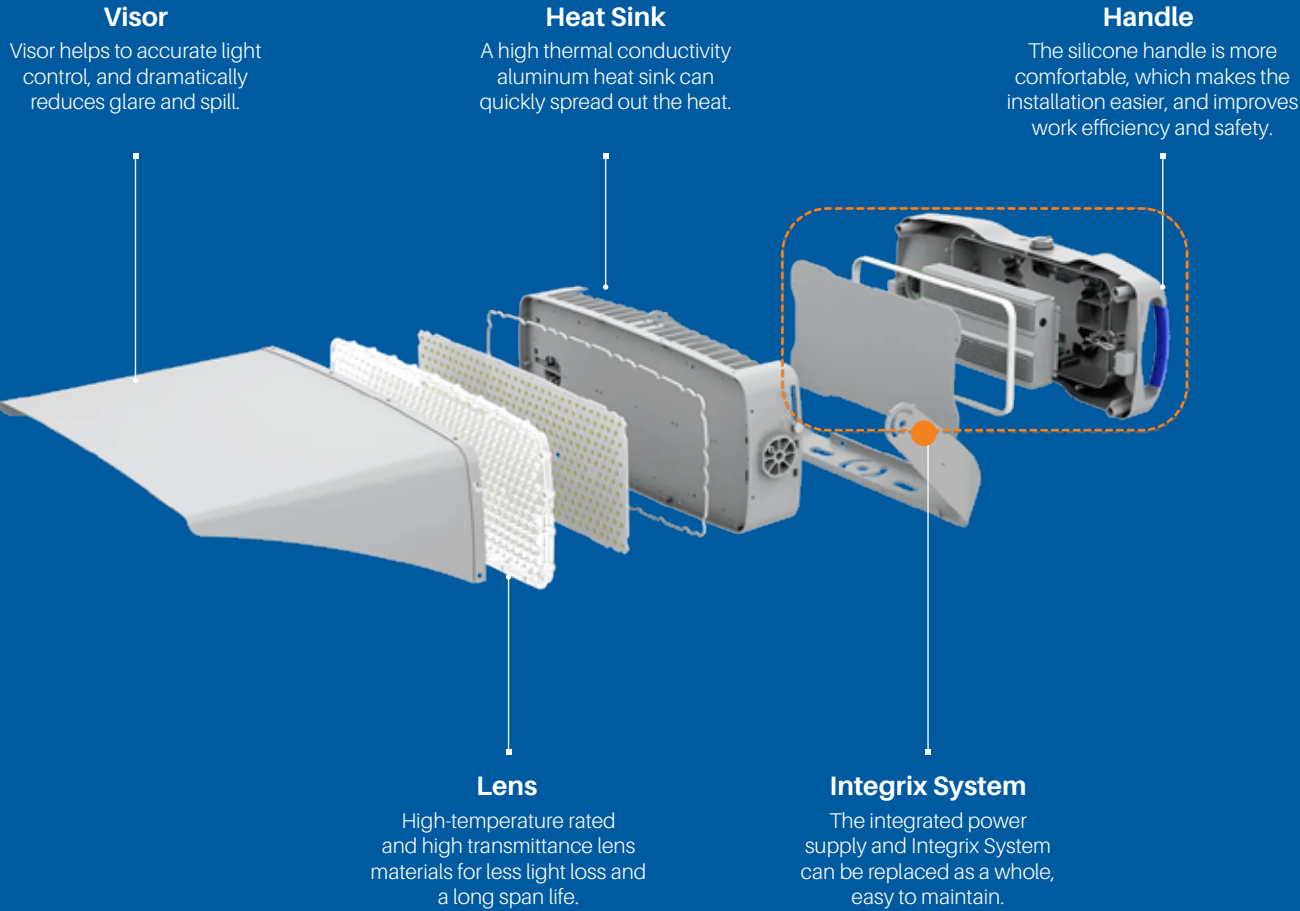


Flood Mount Bracket



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Engineered for Operational Continuity



BRIGHTX

STADIUM FLOOD LIGHT



ikio
LED LIGHTING

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