

Smart Athletic Lighting
for Real-World Sports

LUMINIX
STADIUM FLOOD LIGHT

www.ikioledlighting.com



Built For Compact Fields

Your tennis courts, pickleball fields, and training grounds don't need massive, overengineered floodlights to be lit well. They need just the right system upgrade with easy retrofits, energy savings, and durability that lasts for decades.

Multi-Sport. Maximum Performance.

Tennis Courts



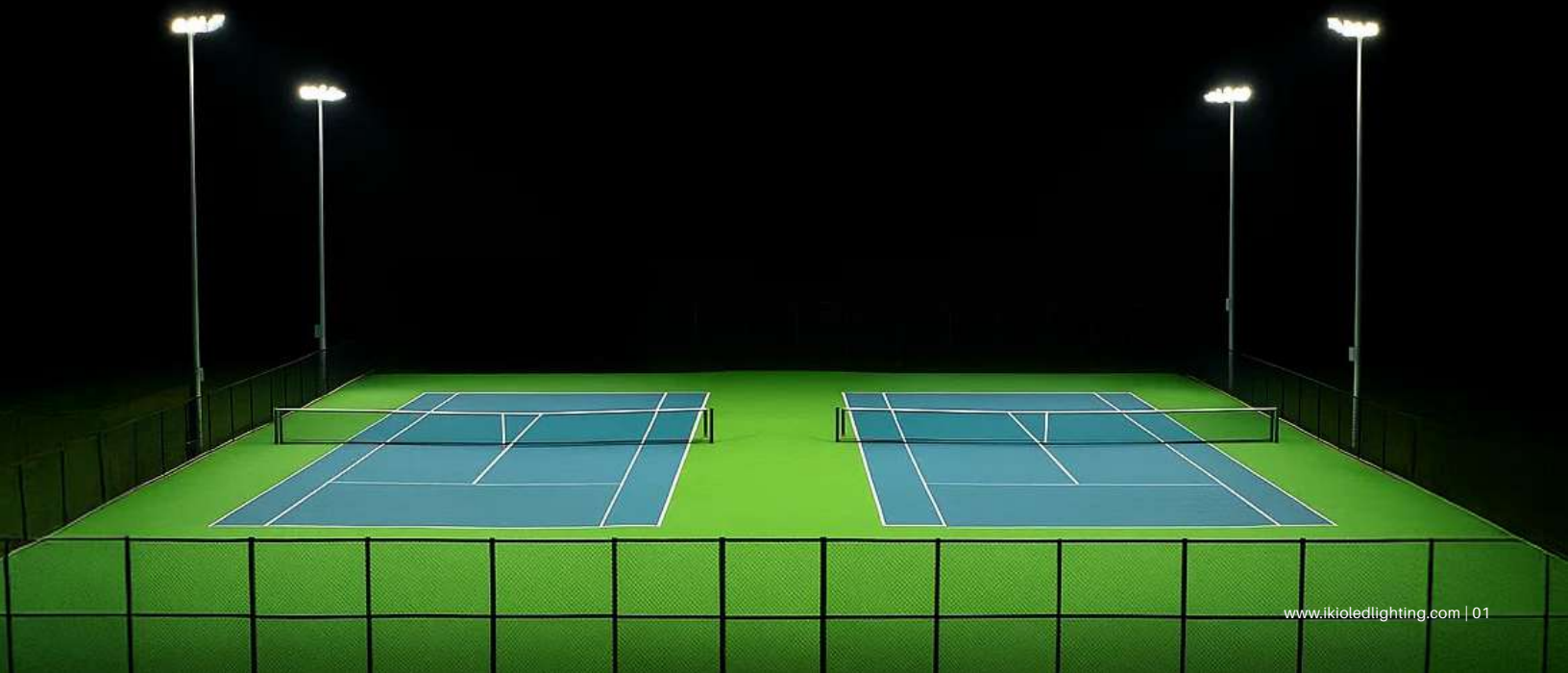
Pickleball Court



Softball Field



Recreational Field



Easy Retrofit. Benefit for Years.



No Rebuilds. No Hassles.

Installs directly on existing poles,
no rewiring, structural overhauls.



2X the Output. Half the Energy.

Replaces conventional lights effortlessly,
delivering 2X energy savings.



Better Visibility. Game-Ready Performance.

Optimized optics for uniform coverage,
minimizing dark zones & enhancing experience.



Cost-Effective Today. Dependable Tomorrow.

Upfront savings paired with
25 years of worry-free operation.

T&C* Warranty up to 25 years, depending on product type and proper care.



One Solution. Every Box Ticked.

Working with What You've Got

- ✓ Existing poles
- ✓ Tight timelines
- ✓ Limited crew

And Simplified with IKIO Solutions

- ✓ Tailored lighting solutions
- ✓ Seamless procurement
- ✓ Multi-sport compatibility
- ✓ Ongoing support needs
- ✓ Assistance with funding
- ✓ Future maintenance

Complete Project Support. Start to Finish.

From initial energy assessments and installation to commissioning, performance verification, and ongoing maintenance, we provide end-to-end lighting solutions.

Turn the Shadows Into Showtime.

CONVENTIONAL STADIUM LIGHTS

- Harsh glare affecting players
- Corners remain underlit
- Too heavy for existing poles

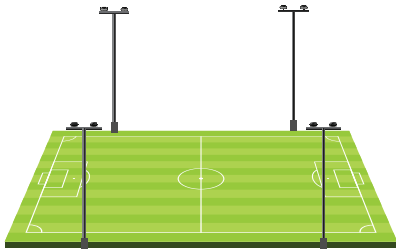
v/s

LUMINIX STADIUM FLOOD LIGHT

- Comfortable brightness with no glare
- Even coverage across the entire field
- Lightweight, compatible with existing poles

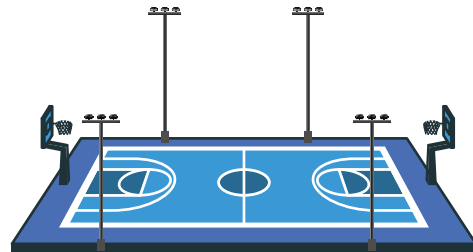


No Matter the Field, We've Got It Lit



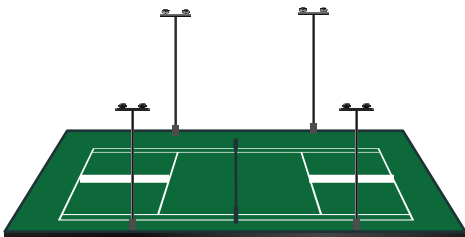
Recreational Fields

- Illuminance (Eav) : 20 fc
- Uniformity (H/V) : 0.4 / 0.3
- Glare Rating (GR) : <60
- Beam Angle : 35°
- Lower Consumption : Yes



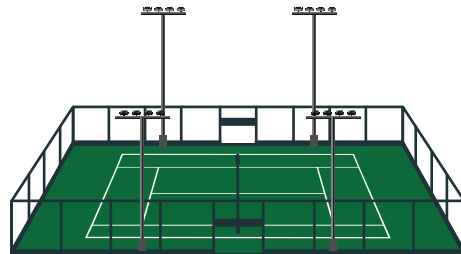
Basketball Courts

- Illuminance (Eav) : 50 fc
- Uniformity (H/V) : 0.6 / 0.4
- Glare Rating (GR) : <50
- Beam Angle : 35°
- Control : DMX



Pickleball Fields

- Illuminance (Eav) : 30 fc
- Uniformity (H/V) : 0.5 / 0.35
- Glare Rating (GR) : <55
- Beam Angle : 35°
- Occupancy Sensors: Yes



Tennis Courts

- Illuminance (Eav) : 50 fc
- Uniformity (H/V) : 0.6 / 0.4
- Glare Rating (GR) : <50
- Beam Angle : 35°
- Dimming : 0-10V

Efficient Multi-Sports Facility Lighting

Tallassee City Schools, Alabama

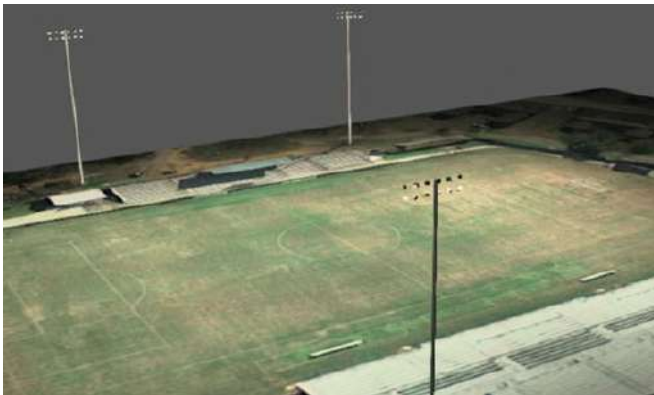
Project Insights

Tallassee City Schools operated with an outdated system that demanded frequent repairs, driving up labor costs and causing operational inefficiencies across multiple fields. A modern, affordable solution was essential to cut expenses and improve dependability.

Opportunity

The existing setup required repeated fixture access and replacements, resulting in high maintenance costs and downtime during key sporting events.

- ✓ Annual Energy Savings **584,064 kWh/Yr**
- ✓ Annual Cost Savings **\$42,928.07**
- ✓ Fixtures Commissioned **220**
- ✓ Improved Lighting Levels **61%**



Solution Offered

IKIO implemented a cost-effective system with centralized enclosures and external drivers, allowing quick replacements and easier diagnostics. This budget-friendly design streamlined maintenance, reduced labor demands, and ensured reliable performance across all fields.

Reliable Field Illumination for Safer Play

Trenton Central High School, New Jersey

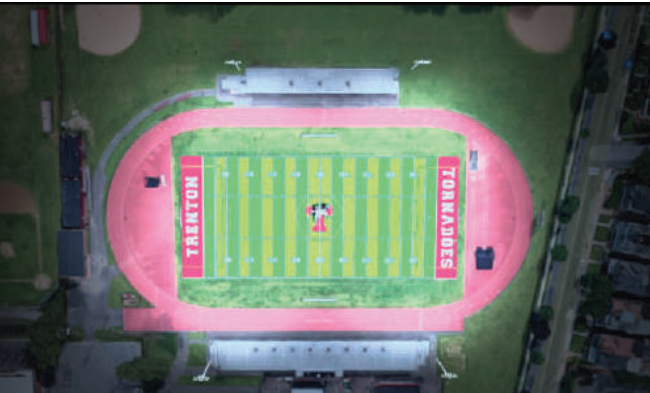
Project Insights

Trenton Central High School's sports field was impacted by frequent lighting failures that disrupted events and created high maintenance costs. A dependable and affordable upgrade was required to ensure long-term reliability.

Opportunity

Frequent breakdowns led to unexpected downtime and recurring replacement expenses, creating strain on the school's maintenance budget.

- ✓ Annual Energy Savings
60,480 kWh/Yr
- ✓ Annual Cost Savings
\$4,445.28
- ✓ Fixtures Commissioned
84
- ✓ Improved Lighting Levels
20%



Solution Offered

Delivered a cost-effective, warranty-backed lighting upgrade that eliminated failures, reduced maintenance, and ensured consistent performance.

High-Performance Lighting Across Facilities

Abilene Independent School District, Texas

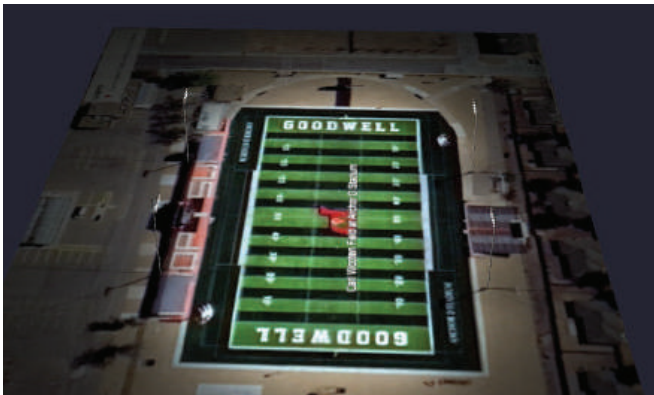
Project Insights

Abilene ISD struggled with overheating fixtures across multiple facilities, leading to downtime, uneven visibility, and high repair costs. A complete district-wide solution was needed to enhance dependability.

Opportunity

Overheating caused frequent disruptions during events and raised operating costs, reducing system efficiency and reliability.

- ✓ Annual Energy Savings **617,616 kWh/Yr**
- ✓ Annual Cost Savings **\$45,394.77**
- ✓ Fixtures Commissioned **16,000+**
- ✓ Improved Lighting Levels **60%**



Solution Offered

Improved performance, cut maintenance needs, and delivered uninterrupted operation. The solution proved affordable, ensuring long-term savings across facilities.

Cost-Effective Sports Facility Lighting

Royal Independent School District, Texas

Project Insights

Royal ISD's lighting suffered from power fluctuations, leading to failures, inconsistent visibility, and mounting maintenance costs. A stable, efficient system was needed to overcome these issues.

Opportunity

Fluctuating power caused frequent fixture damage, unpredictable light output, and higher long-term repair expenses.

- ✓ Annual Energy Savings
136,290.82 kWh/Yr
- ✓ Annual Cost Savings
\$10,017.37
- ✓ Fixtures Commissioned
92
- ✓ Improved Lighting Levels
50%



Solution Offered

Installed a cost-effective solution that delivered reliable illumination, improved safety, and long-term budget efficiency.

LUMINIX

STADIUM FLOOD LIGHT

Electrical

Max Power	800.3W
Voltage	277-480V
Power Factor	0.9
Total Harmonic Distortion	15%
Surge Protection	L/N-PE: 10kV, L-N: 6kV

Lighting Performance

Lumen	76495lm-91794lm-107093lm-122442lm
Efficacy	152.99lm/W
Color Temperature (CCT)	5700K
Beam Angle	35°
Dimmable Lighting Control	Continuous Dimming to 10% or Below

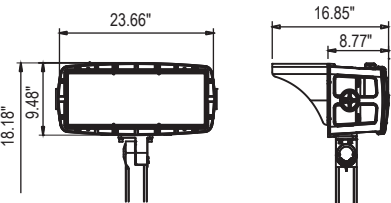
Environment

Operating Temperature	-40°F ~ +113°F
Ingress Protection Rating (IP)	IP65
Impact Protection Rating (IK)	IK08

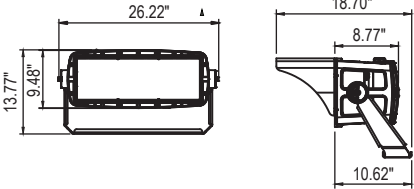
Note: The lumens mentioned above are in the respective order of power selectable options: 500W, 600W, 700W, and 800W.

Dimension Diagram

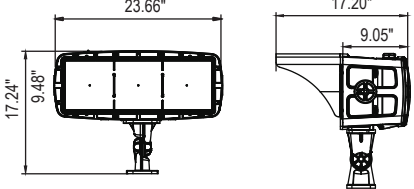
Slip Fitter Mounting Bracket



Flood Mounting Bracket



Yoke Mounting Bracket



Lifespan

Average Life (Hours)	100,000
Warranty (Years)	10

Components

LED Light Source	Bridgelux SMD 3030
Driver	Inventronics- EUM-880S420MT
Intelligent Control	Compatible DMX Control

Construction

Housing	Die-cast Aluminum
Lens	Polycarbonate
Finish	Black (Bronze & Gray: Optional)

Part Number & Qualifications

Qualified Part Number	IK-SP11-800/700/600/500W-E1PD2HV-[BR, WH, BL][10SP,20SP or blank]["AM", "TM" or "FM"]57
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Not all product variations listed on this page are DLC qualified. Visit <https://www.designlights.org/qpl> to confirm qualification.

LUMINIX

STADIUM FLOOD LIGHT

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