

# DYNAMOGEN2

STADIUM FLOOD LIGHT

OPTI EASE

FLIP - SLIDE - SWAP



\*Images for illustration purposes only.

[www.ikioledlighting.com](http://www.ikioledlighting.com)



# OPTI EASE

FLIP - SLIDE - SWAP

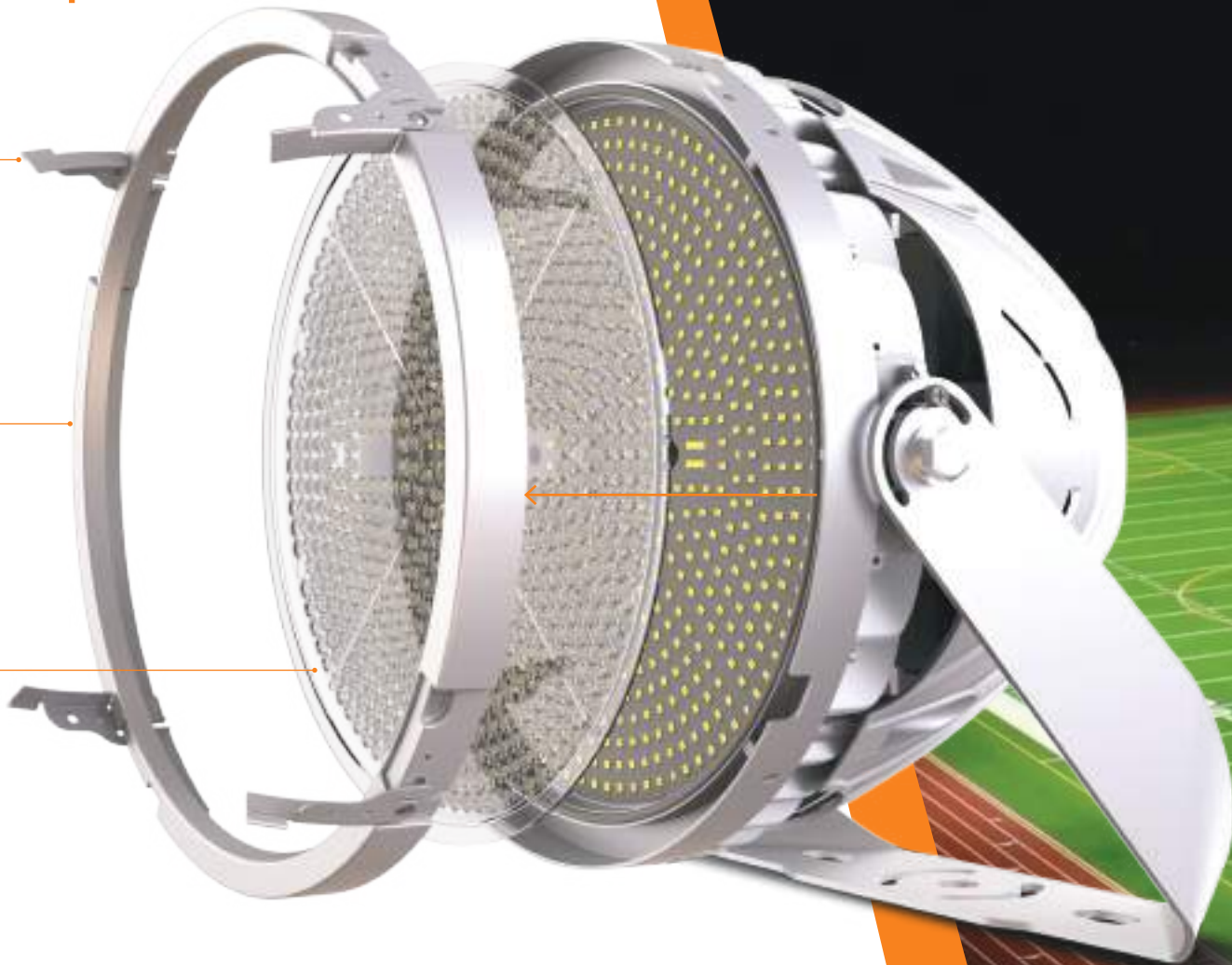
## Swap Optics in 3 Easy Steps

**FLIP**  
Open the latch.

**SLIDE**  
Push the ring away.

**SWAP**  
Change the lens, lock back.

The quick-swap, latch-based locking system makes beam customization effortless. Change beam patterns on the fly and keep events running smoothly without interruptions.



ESVEE I/O



# Precision Illumination. Peak Performance.

From the roar of kickoff to the tension of a final play, lighting shapes how the game is seen and remembered. Our precision illumination keeps every inch of the field clear and balanced, so athletes perform without hesitation and spectators soak in the action without glare or strain. It's lighting that turns every moment into celebration.

- **Pro-Grade Visual Comfort**  
BUG Rating B5-U3-G1 minimizes backlight and uplight, ensuring clear, glare-free visibility for both athletes and spectators.
- **Play-Safe Visibility**  
Optimized brightness control reduces shadows and blind spots on the field, helping athletes react faster and play safer.
- **Type VS Precision Spread**  
Engineered to deliver even light levels across every zone, maintaining consistent visibility and reduces eye strain.



Engineered optics confine illumination to the play area, reducing spill light, glare and upward light.

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# Built For The Tough

## Strength Under Stress

Die-cast aluminum housing with IK08 and IP66 rating resists knocks, moisture, dust, and extreme temperatures, ensuring performance in demanding outdoor conditions.



## Surge-Resilient Design

Integrated driver options with 10 kV surge protection safeguard internal systems from electrical disturbances, delivering uninterrupted performance.



## Adaptive Power Control

300W-400W-500W, switch brightness levels as needed, matching different schedules, weather, and audience sizes.



## High-Performance Heat Sink

Overheating can kill performance, but not here. The advanced heat sink design ensures efficient thermal dissipation, keeping the fixture cool even during extended, high-output sessions.





# Turn Energy Into an Experience

DMX control compatible – the same professional-grade tech used in world-class stadiums. Enjoy synchronized, real-time lighting control that takes your venue experience to the next level.



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### Electrical

Power Selectable	300W-400W-500W
Voltage	100-277V (200-480 Optional)
Power Factor	0.9
Total Harmonic Distortion	≤15%
Surge Protection	10kV

### Lighting Performance

Lumen	45000lm-60000lm-75000lm
Efficacy	150lm/W
Color Temperature (CCT)	3000K   4000K   5000K
Beam Angle	30° (20°   45°   60° Optional)
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)	IK08

### Lifespan

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

### Components

LED Light Source	Lumileds SMD 2835
Driver	Sosen SS-240VH-E

### Construction

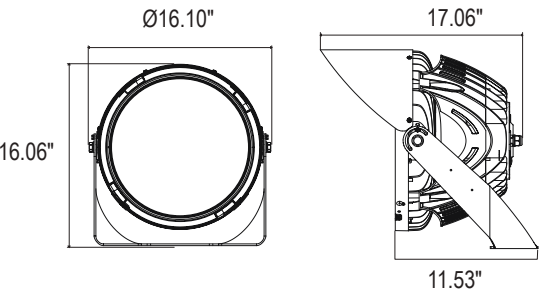
Housing	Die-cast Aluminum
Lens	Polycarbonate
Finish	Gray (Powder Coated)



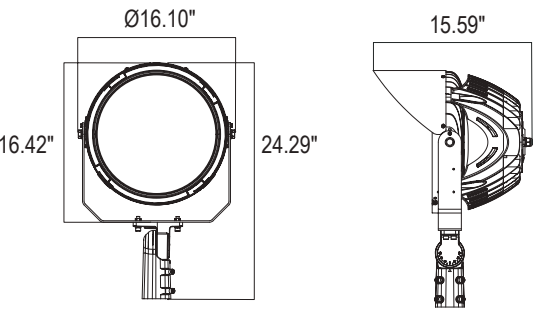
Not all product variations listed on this page are DLC qualified. Visit <https://www.designlights.org/qpl> to confirm qualification.

### Dimension Diagram

#### Flood Mounting Bracket



#### Slip Fitter Mounting Bracket



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