Cree® OSQ Series
LED Area/Flood Luminaire

ADVANCING LIGHT
THROUGHOUT YOUR SITE

Expanded Possibilities

We continue to advance LED lighting solutions that outperform our first generation of luminaires. The OSQ Series can now deliver up to 28,285 lumens — improving our replacement range for applications using 150W to 1000W HID.

Get More with Less

The OSQ™ LED Area/Flood luminaire vastly improves area and flood lighting experiences while helping customers reduce energy usage — up to 80 percent — when replacing outdated HID fixtures. Further product design enhancements allow the OSQ Series to deliver up to 58 percent more efficacy on existing lumen packages at up to 136 lumens-per-watt (LPW) for increased energy savings.

Savings Come Standard

Utilizing Cree's cutting-edge technology, the OSQ Series blends extreme optical control, advanced thermal management and modern clean aesthetics to dramatically reduce maintenance and energy costs for a rapid return on investment. Plus, it's backed by Cree's industry-leading 10-year warranty. The savings we see, we pass on to you.

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SUPERIOR DESIGN WITH OUTSTANDING PERFORMANCE.

The OSQ Series blends extreme optical control, advanced thermal management and light quality to bring you the latest advancements in LED technology. And we didn't stop there – we added a clean, modern housing and versatile mounting options all with an attractive price point. Whether you have a new construction or upgrade application, the OSQ Series is perfect for parking lots, internal roadways, walkways and general site lighting.

PERFORMANCE SUMMARY

NanoOptic® Precision Delivery Grid™ optic

Input Power: 86W - 215W

CRI: 70 CRI (4000K & 5700K; 3000K asymmetric optics); 80 CRI (3000K symmetric optics)

CCT: 3000K (+/- 300K), 4000K (+/- 300K), 5700K (+/- 500K)

Input Voltage: 120-277V or 347-480V, 50/60Hz, Class 1 drivers

Limited Warranty: 10 years on luminaire & Colorfast DeltaGuard® finish

PRODUCT SPECIFICATIONS

Construction & Materials
- Slim, low profile design minimizes wind load requirements
- Luminaire housing is rugged die cast aluminum with an integral, weathertight LED driver compartment and high performance heat sink
- Convenient interlocking mounting method on direct arm mount
- Adjustable arm mount adapter mounts to 2" IP, 2.375" O.D. tenon
- Adjustable arm mount can be adjusted 180° in 2.5° increments
- Exclusive Colorfast DeltaGuard® finishes: black, bronze, silver and white
- Replaces up to 1000W HID
- Weight: Medium: 26.5 lbs. (12kg) Large: 28.5 lbs. (13kg)

DIMENSIONS

Direct Mount L: 25" (Medium) 27.2" (Large) / W: 19" / H: 4.8"

4.8"

25" Medium
27.2" Large

Adjustable Arm L: 27.6" (Medium) 29.8" (Large)/ W: 19" / H: 3.8"

3.8"

27.6" Medium
29.8" Large

APPLICATIONS

Parking
The OSQ Series offers you the pay-back you deserve and it's money in your pocket. This luminaire eliminates the re-lamping cycle, saving time and money on maintenance. Add a low initial cost and energy savings up to 70 percent when compared to HID lights, installing the OSQ luminaire in parking lots is an easy decision.

Flood
Bathe your outdoor façades and signage in crisp, uniform white light that creates an impressive and inviting space. With remarkable color quality and smooth white light, buildings will stand out in the crowd.

Walkway
Well-lit walkways help you see what's coming — whether it's a piece of debris or another person. No one wants surprises in the dark. Public safety and security are important and that's why attention should be paid to lights defining walkways and surrounding areas.

Internal Roadway
With uniform targeted illumination, the OSQ luminaire minds its own business by directing light only where it's needed and provides full cut-off where it isn't. Equipped with advanced optical control, the luminaire reduces light pollution and minimizes wasted energy.

Visit **www.lighting.cree.com** or contact a Cree lighting representative to learn more

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