



Advanced
LIGHTING TECHNOLOGIES

CREE LIGHTING

OSQ Series C
Area and Flood Luminaire



An Outdoor Showcase of Performance, Control and Comfort

Our OSQ Series Area and Flood outdoor lighting solutions are known for their market-leading optical and power performance along with pleasing day forms that blend seamlessly with their surrounding architecture. With the OSQ Series C, Cree Lighting is resetting expectations for how outdoor area and flood lighting should perform.

Long a Cree Lighting mainstay, the OSQ Series Area/Flood portfolio checks all the right boxes – precise optical control, advanced thermal management and modern clean aesthetics. Now everything we've learned has gone into creating an even more efficient light source that's significantly streamlined, lighter and easier to handle while offering improved comfort via Cree Lighting's new NanoComfort® Technology.

Introducing the new OSQ Series C family of outdoor lighting solutions, redefining what's possible in area and flood lighting by simultaneously offering elevated efficacy, precise control and visual comfort.

OSQ Series C - Specializing in Smooth Transitions

We've applied years of customer feedback and technological advances to create the next generation of OSQ luminaires. They're even more efficient, much lighter and easier to handle, with streamlined features and improved visual comfort.

By bringing together mid-power LEDs and NanoComfort® Technology, Cree Lighting engineers have achieved an outdoor lighting target that has eluded the industry until now – maximized lumens per watt of precisely targeted illumination that also minimizes glare and improves visual comfort.

Easy On the Eyes, In More Ways Than One.

Our innovative new NanoComfort® Technology creates softer, more diffuse light that reduces glare and improves visual comfort without a loss of illumination or control.

- Expanded optical surface area and innovative application of facets in optical-grade acrylic reduces glare and high-angle lumens for lower B-U-G ratings
- Highly durable glass and acrylic lens system dramatically reduces potential points of failure versus sealing each LED at the optic
- Light engine is sealed in an IP66-rated enclosure via an IK07 impact-rated flat glass lens that minimizes dirt and debris accumulation
- Precise 4x4 modular lens configurations meet the same rigorous vibration and IP testing as the entire system

Not Only Better Light, But Leaner, Too.

Redesigned with even lower profiles and weights, every OSQ Series C luminaire minimizes wind load requirements and maximizes ease of handling and installation.

- Up to 45% less weight
- Lower transportation costs
- Easier handling and installation

Mid-Power LEDs, Full-Power Performance

Mid-power LEDs are poised to drive a whole new generation of Cree Lighting luminaires. By building the OSQ Series C around mid-power LEDs, our engineers were able to achieve several significant upgrades, including truly dramatic weight reduction.

- DLC Premium-level efficacy: Up to 16% higher, maxing out at 173 LPW
- Sleeker look reduces prominence of cooling fins while maintaining OSQ family look and feel
- Retrofit friendly and designed to use existing mounts
- Optional 7-pin Lift & Lock NEMA receptacle mounted on wet-listed arm outside the IP66 driver compartment to remove potential for leakage
- Improved B-U-G ratings
- Assembled in the USA by Cree Lighting of U.S. and imported parts
- Limited 10-Year warranty
- Dark Sky Approved
- 3000K, 4000K, 5000K and 5700K options
- Choose from 70 and 90+ CRI
- Colorfast DeltaGuard® finish
- Versatile mounting options
- Pre-qualified & programmable drivers; driver and electronics mounted and heat-sunk to housing



Applications

The OSQ Series C is the ideal area and site lighting solution for a myriad of applications.



Automotive Dealerships



Corporate Campus



Petroleum



Healthcare



Warehouse/Industrial



Education

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