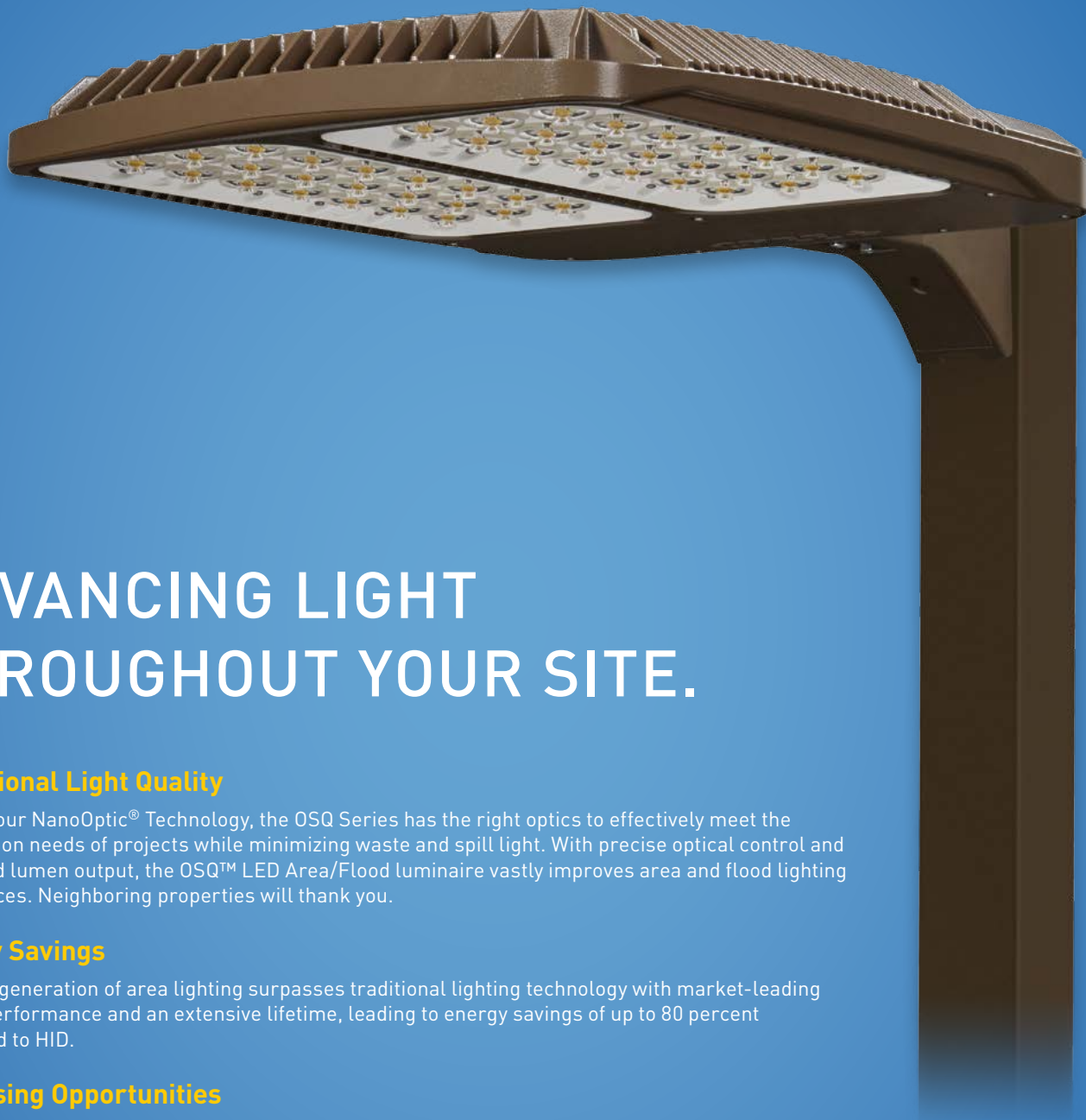


Cree® OSQ Series

LED Area/Flood Luminaire



ADVANCING LIGHT THROUGHOUT YOUR SITE.

Exceptional Light Quality

Utilizing our NanoOptic® Technology, the OSQ Series has the right optics to effectively meet the illumination needs of projects while minimizing waste and spill light. With precise optical control and increased lumen output, the OSQ™ LED Area/Flood luminaire vastly improves area and flood lighting experiences. Neighboring properties will thank you.

Energy Savings

The next generation of area lighting surpasses traditional lighting technology with market-leading optical performance and an extensive lifetime, leading to energy savings of up to 80 percent compared to HID.

Increasing Opportunities

We continue to advance LED lighting solutions that outperform our first generation of luminaires. The OSQ Series High Output can now deliver up to 68,691 lumens — improving our replacement range for applications using multiple 1000W HID.

CREE  TM

SEEKING BETTER LIGHT

At Cree, we're obsessed with going beyond the imagined possibilities of what light can do. The OSQ Series LED High Output is the latest result of advanced LED technology and Cree's need to constantly improve the overall performance and value of our products. 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.

PRODUCT SUMMARY
Utilizes Cree TrueWhite® Technology on 5000K Luminaires
NanoOptic® Precision Delivery Grid™ optic
Initial Delivered Lumens: Up to 68,691 lumens
Input Power: 86W to 550W
Color Rendering Index (CRI): Minimum 70 CRI, 80 CRI or 90 CRI
CCT: 3000K (+/- 300K), 4000K (+/- 300K), 5000K (+/- 300K), 5700K (+/- 500K)
Replaces: 250W to 1000W HID fixtures; replace multiple fixtures with a single OSQ High Output luminaire
Assembled in the U.S.A. of U.S. and imported parts
Limited Warranty†: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

DIMENSIONS
OSQ Medium: Direct Arm: L: 25" [635mm] / W: 19" [482mm] / H: 4.8" [122mm] Adjustable Arm: L: 27.6" [701mm] / W: 19" [482mm] / H: 3.8" [97mm]
OSQ Large: Direct Arm: L: 27.2" [691mm] / W: 19" [482mm] / H: 4.8" [122mm] Adjustable Arm: L: 29.8" [757mm] / W: 19" [482mm] / H: 3.8" [97mm]
OSQ High Output: Direct Arm: L: 35.3" [897mm] / W: 22" [558mm] / H: 7.2" [183mm] Adjustable Arm: L: 38.1" [968mm] / W: 22" [558mm] / H: 4.6" [118mm]
OSQ Utility: UA and UB Mounts B/K Input Power: L: 18" [458mm] / W: 19" [482mm] / H: 21.2" [538mm] T/U Input Power: L: 19.6" [498mm] / W: 19" [482mm] / H: 22.8" [578mm]



† For complete details on Cree 10-year limited warranty go to lighting.cree.com/warranty
Product specifications subject to change at any time. Visit lighting.cree.com to find the most up-to-date information.

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

info@cree.com | 800.236.6800

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APPLICATIONS



Parking

Well lit parking lots are extremely important for attracting business and creating a safe and secure environment. The OSQ Series delivers energy savings up to 80 percent when compared to HID lights — a dramatic improvement to both parking lots and pocketbooks.



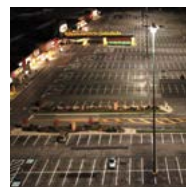
Internal Roadway/Walkways

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



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.



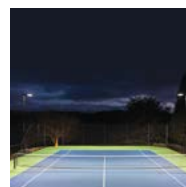
High Mast

Extreme mounting heights lead to higher costs in maintenance. Avoid unnecessary relamping with our OSQ-HO luminaires that are built to last. Compared to other area lighting options, the OSQ-HO is smaller and lighter, making it easier to install with existing high mast rings.



Automotive

Attract customers with an outdoor showcase that leads to a better shopping experience. Available with Cree TrueWhite® Technology, the OSQ™ High Output delivers exceptional color quality (90CRI) to the frontline — ensuring true-to-life paint colors are on full display.



Sports

Lighting the court or rink requires optical control to keep light from spilling into neighboring properties. The OSQ Series HO with NanoOptic® Precision Delivery Grid™ optics highlights the action while minimizing glare allowing players to keep their focus on the game.

