



Cree Edge™ Series

LED High Output Area & Flood Luminaire







It's a Brand New Night in High Output Lighting.

LEADING-EDGE Performance

With no viable alternatives, projects that required high output solutions were left using technologies of the past. Today, the Cree Edge™ High Output luminaire is not only viable for such projects, it's significantly better.

UNMATCHED Savings

Capable of saving in excess of 50 percent in energy is only half of the story. Since re-lamp cycles required of traditional lamp sources are eliminated substantial maintenance savings is also possible.

SHOW YOUR True Colors

With a broader spectrum color source and higher CRI than traditional high wattage metal halide lamps, the Cree Edge High Output luminaire delivers more true-to-life color renderings critical for retail and commercial applications.

UNBEATABLE Paint Finish

Faded poles and fixtures compromise the aesthetics of any property. The Cree Edge luminaire features our exclusive Colorfast DeltaGuard® finish, backed with a 10 year finish warranty so your site will look great for years.

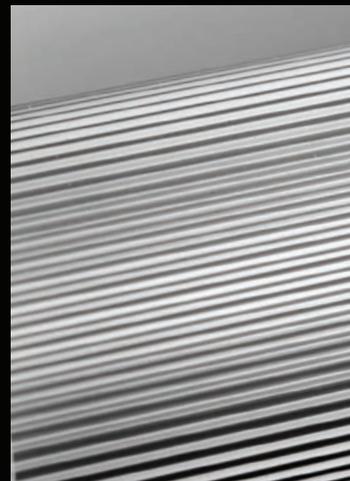
WHY CREE?

PROVEN RELIABILITY, UNBEATABLE PERFORMANCE

BetaLED® Technology

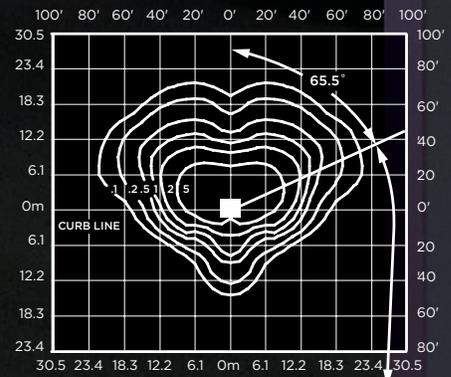
Powered by BetaLED Technology and capable of providing decades of near maintenance free performance, the Cree Edge™ High Output luminaire redefines what high output lighting should be. A Total Systems Approach combines the most advanced LED sources, driver technologies, and optics to set a new standard in high output performance.

Utilizing exclusive NanoOptic® Technology - a level of optical control that only an LED light source can provide - the Cree Edge High Output luminaire precisely delivers light on target, and is capable of reducing energy consumption by more than 50 percent over traditional technologies. Its state-of-the-art thermal management system uses an innovative flow through design to effectively draw heat away from LEDs, maximizing performance and longevity. The result is a payback-friendly solution that delivers unmatched high output illumination performance with significant energy and maintenance savings not possible from previous technologies.



Automotive FrontlineOptic™

Designed specifically for the front lines of automotive dealerships, the Cree Edge High Output FrontlineOptic™ precisely puts light on the front row of vehicle inventory, which is typically the most high profile area on the property. This optical precision, combined with the Cree Edge High Output luminaire's improved color quality over traditional sources, results in a solution that can dramatically enhance the curb appeal of any dealership. This potential competitive advantage from improved lighting, makes the Cree Edge High Output FrontlineOptic™ the perfect solution for automotive dealerships.



The Result:

Better Color, Quality and Control.

Unmatched design delivers unmatched results. Redefining what's possible in high output lighting, the Cree Edge™ High Output luminaire delivers exceptional illumination performance that's designed to last for more than a decade.

UNMATCHED FINISH

Our exclusive Colorfast DeltaGuard® finish features an E-coat epoxy primer with an ultradurable powder topcoat providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Backed by a 10-year finish warranty the Edge HO luminaire will look great long after the competition fades away.



PATENTED NANOOPTIC® TECHNOLOGY

Optical control and precision is critical for reducing first costs, maximizing energy savings, and meeting illumination performance objectives. Featuring our patented NanoOptic technology, select from more than 20 optical choices that best fit YOUR application needs.

Lighting an automotive dealership? Choose our FrontlineOptic™, designed exclusively to create high curb appeal with crisp, white light maximized on the front row of vehicle inventory.

DRIVER COMPARTMENT

Integral and weather-tight driver compartment designed for enhanced reliability of the power supply.

SUPERIOR THERMAL MANAGEMENT

Passive thermal management system featuring a flow through design contributes to outstanding lumen maintenance and reliability throughout the life of the application.



Available Mounting Options



DIRECT MOUNT

ADJUSTABLE ARM (AA)

Rugged die cast aluminum adjustable arm that mounts to a vertical 2" (51 mm) IP (2.375-3" [60-76 mm] O.D.) tenon.

ADJUSTABLE DIRECT MOUNT (DM)

Mounts directly to 5" (127 mm) or larger square poles using 5/16 mounting hardware and anchor plate provided. Luminaire can also be surface wired by removing two available NPT plugs and mounted directly to vertical or horizontal surfaces.

Optional Uplight configurations in either mount is also available.



ADJUSTABLE ARM

Game Changing High Output Lighting.

High output illumination in the past was all about sacrifice and compromise. Now, the Cree Edge™ High Output luminaire redefines high output illumination performance, delivering high quality, significant reductions in energy and maintenance costs, and can offer payback in under three years. Applications requiring these solutions now shine in a whole new light. The result is unprecedented color quality, enhanced curb appeal enabling more sales and increased security for any retail or commercial site. The Cree Edge High Output luminaire is a true game changer.

PERFORMANCE SUMMARY

Utilizes BetaLED® Technology

Patented NanoOptic® Technology

CRI: Minimum 70 CRI

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

WARRANTY: 10 years on luminaire / 10 years on finish

EPA & FIXTURE WEIGHT: Reference EPA and Weight spec sheet

Made in the U.S.A. using U.S. and imported parts

Product specifications subject to change at any time. Visit www.cree.com/lighting to find the most up to date information.

Design Features

PATENTED NANOOPTIC TECHNOLOGY

With more than 20 optical distributions to choose from, including our exclusive FrontlineOptic™, we always have the right optic for the job. The precise optical control delivered by our patented NanoOptic technology allows us to eliminate wasted light. The result is the possibility for significant energy savings. High Output no longer needs to mean high energy costs.

EXCEPTIONAL THERMAL MANAGEMENT

Proper thermal management is critical to providing a sustainable LED solution. The exceptional thermal management of the Cree Edge High Output luminaire results in a highly reliable, high output luminaire with excellent lumen maintenance over time. And with no lamps to change you can keep those expensive bucket trucks off your lot and the significant maintenance savings in your pocket.

IMPROVED COLOR QUALITY & PERFORMANCE

In addition to color shifts and random lamp outages, metal halide technology of the past is a very narrow spectrum color source. The Cree Edge High Output luminaire offers an LED solution with a much broader color range. This fuller color spectrum more closely resembles the output from the sun and provides more realistic and distinctive color renderings that can enhance safety and contribute to a more consistent visual experience.

UNMATCHED FINISH

Exclusive Colorfast DeltaGuard® finish features an E-coat epoxy primer with an ultradurable powder topcoat providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Backed by a 10 year finish warranty the Cree Edge High Output luminaire will look great long after the competition fades away.

Cree Edge™ Series

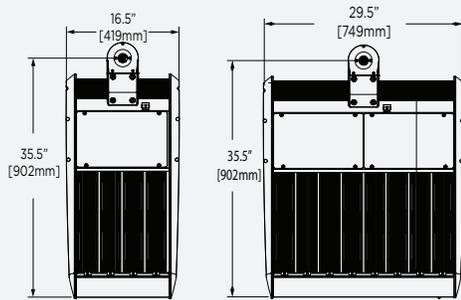
High Output Area & Flood Light Luminaires

ADJUSTABLE ARM MOUNT

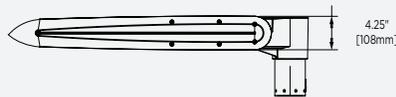
Available Wattages:

120 LED Count
279W & 426W

240 LED Count
557W & 851W



Side View

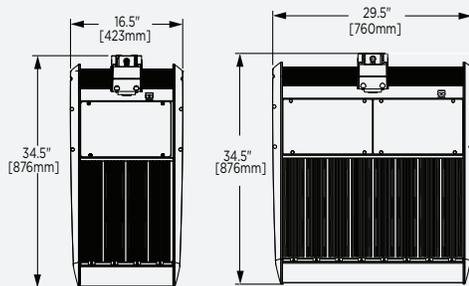


DIRECT MOUNT

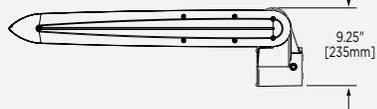
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120 LED Count
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557W & 851W



Side View



Adjustable Arm



Direct Arm



Optional Uplight configurations in either mount is also available.

MORE THAN 20 AVAILABLE OPTICS

(See spec sheet for details)

Area Optics: 1S, 2S, 2M, 3M, 4M, 5M, 5S, PS, AF
(2S, 2M, 3M, and 4M also available with Backlight and Partial Backlight Optics)

Flood Optics: 15, 25, 40, 70, N6, SN

Product specifications subject to change at any time.
Visit www.cree.com/lighting to find the most up to date information.



America's Leading Innovator of LED Lighting

Built on innovative thinking and revolutionary technology, the Cree Edge™ High Output luminaire reflects America's pioneering spirit. How fitting, then, that it was designed and assembled right here in the U.S. by Cree, America's leading innovator of LED lighting.

Invented here to illuminate spaces everywhere—how many area lights can say that?

Cree IS LED Lighting.

Learn more at www.cree.com/lighting or contact a Cree lighting representative to learn more.

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