


THE EDGE[®] High Output

LED Area & Flood Luminaire





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

LEADING-EDGE Performance

With no viable alternatives, projects that required a high output solution were left using technologies of the past. Today, THE EDGE HO luminaire is not only viable for such projects, it's significantly better.

UNMATCHED Savings

Capable of saving in excess of 50% 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 metal halide lamps, THE EDGE HO 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 EDGE HO 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 EDGE HO 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 EDGE HO luminaire precisely delivers light on target, and is capable of reducing energy consumption by more than 50% 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.



The Result:

Better Color, Quality and Control.

Unmatched design delivers unmatched results. Redefining what’s possible in high output lighting, THE EDGE HO luminaire delivers exceptional illumination performance that’s designed to last for more than a decade.

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 EDGE HO luminaire will look great long after the competition fades away.

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" [60-76mm] O.D.) tenon.

ADJUSTABLE DIRECT MOUNT (DM)

Mounts directly to 5" (127mm) or larger square poles using 5/16 mounting hardware and anchor plate provided. Luminaire can also be surfaced wired by removing 2 available NPT plugs and mounted directly to vertical or horizontal surfaces.

Optional Uplight configurations in either mount is also available.

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.

DRIVER COMPARTMENT

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

ADJUSTABLE ARM



High Output Lighting Without Sacrifice or Compromise.

High output illumination in the past was all about sacrifice and compromise. THE EDGE HO luminaire from Cree redefines what high output illumination performance should be. High quality, high output illumination performance that saves energy, significantly reduces maintenance costs, and puts applications requiring such solutions in a whole new light. THE EDGE HO 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: 5 years on luminaire / 10 years on finish
EPA & FIXTURE WEIGHT: Reference EPA and Weight spec sheet
Made in the U.S.A. of 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 we always have the right optic for the job. The precise optical control delivered by our patented NanoOptic technology allows use 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

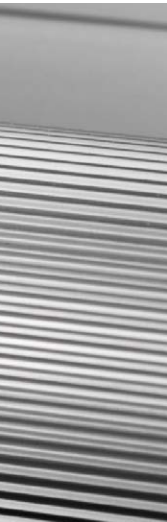
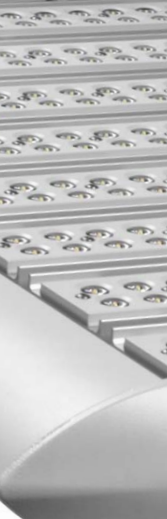
Proper thermal management is critical to providing a sustainable LED solution. The exceptional thermal management of THE EDGE HO luminaire results in a highly reliable, high output luminaire with excellent lumen maintenance over time. And with no lamps to change you can keep those expensive bucket trucks 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 EDGE HO 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 EDGE HO luminaire will look great long after the competition fades away.

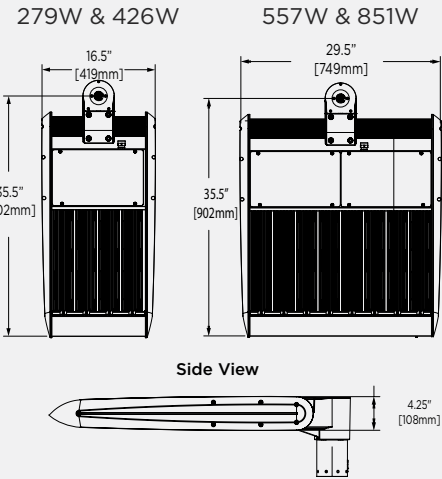


EDGE HO Series

High Output Area & Flood Light Luminaires

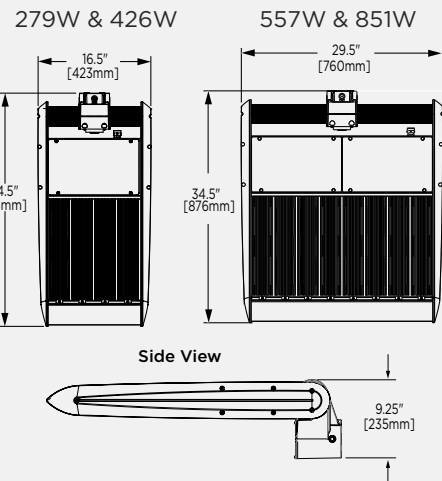
ADJUSTABLE ARM MOUNT

Available Wattages:



DIRECT MOUNT

Available Wattages:



Adjustable Arm



Direct Arm



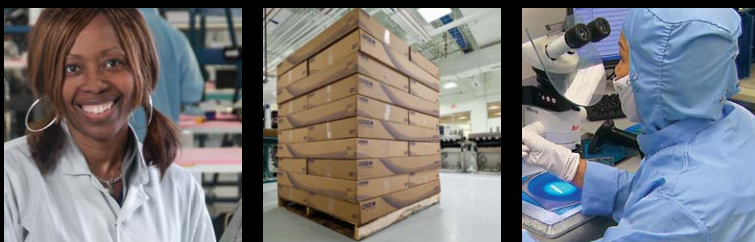
Optional Uplight configurations in either mount is also available.

AVAILABLE OPTICS

Area: 15, 25, 2M, 3M, 4M, 5M, SS, PS, AF
(25, 2M, 3M, and 4M also available with backlight and partial backlight optics)

Flood: 15, 25, 40, 70, N6, 5M

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



Made in America

Cree® THE EDGE HO luminaire is a revolutionary lighting system that recognizes every application is unique and gives businesses the freedom to light their site exactly as they choose. No wonder, then, that it's designed and built right here in the USA.

Join the LED Lighting Revolution.

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

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