2015 LED LIGHTING CATALOG

1ST EDITION

CREE

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The Cree Advantage

Indoor LED Products

The all-new LN Series LED suspended ambient luminaire

Outdoor LED Products

PROVEN, REVOLUTIONARY TECHNOLOGY

As the leading fully-integrated innovator of LED chips, components and complete lighting systems, Cree is continuously advancing our state-of-the-art LED lighting products to provide energy-efficient lighting that will look and operate as expected for years to come.

TRUE INNOVATION, SUPERIOR VALUE

Innovation — it's what drives everything we do. Cree's leadership begins with innovative materials that provide high-efficiency performance for each lamp and luminaire found within our product portfolio. With over a quarter century of experience, Cree has a deep understanding of the science behind LED lighting and provides a complete collection of indoor and outdoor LED lighting solutions to match your application.

With a large installation base of our flagship LED troffers and our industry-leading LED roadway lighting fixtures installed around the globe, Cree has a solid reputation for delivering top-performing LED lighting.

Cree remains at the forefront today, dedicated to developing new LED solutions that improve both our customers' spaces and their bottom lines. As our product lines grow, we not only build on our history of innovation, we also extend our record of delivering superior value with beautiful, energy-efficient lighting.

CREE

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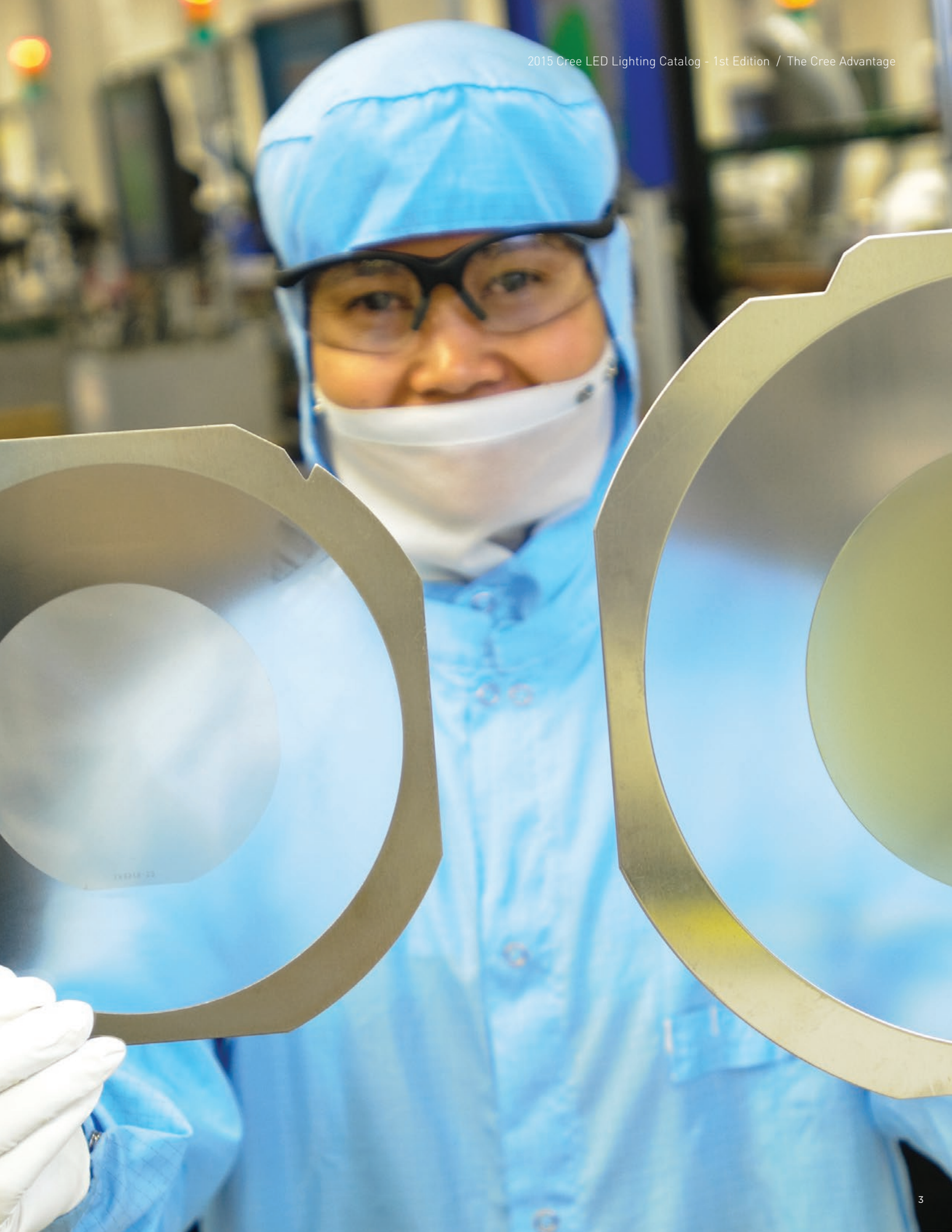
The Cree Advantage

CREE WAVEMAX™ TECHNOLOGY

Cree WaveMax™ Technology is a breakthrough in the execution of waveguide technology that challenges industry-standard assumptions of how light is delivered. Featuring up to 90% optical efficiency and precise optical control, Cree WaveMax™ Technology enables customers to obtain unmatched visual comfort and improved color quality without sacrificing performance. This transformative technology redefines the limits of fixture design to optimize performance and provides more aesthetic options at an unmatched customer value.

Harnessing the Benefits of Total Internal Reflection

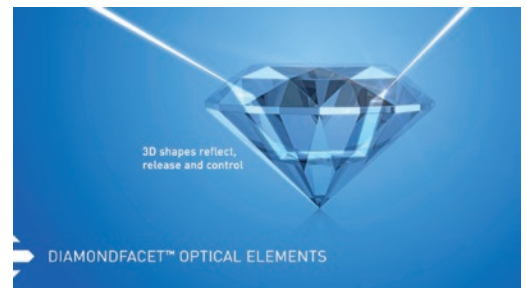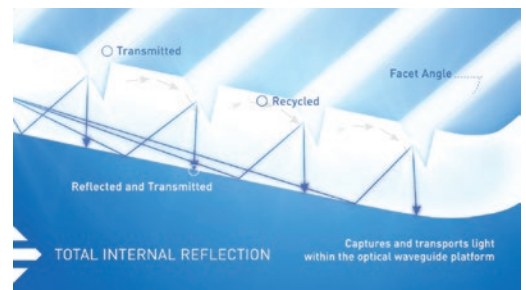In developing WaveMax™ Technology, Cree engineers leveraged a property known as Total Internal Reflection that captures light within the internal geometry of the optical waveguide platform. To release and control the light, Cree engineers devised yet another innovation: DiamondFacet™ optical elements – unique microscopic features located within the optical waveguide platform that extract and deliver light with exceptional control, uniformity and efficiency.

Featuring Cree DiamondFacet™ optical elements to achieve up to 90 percent optical efficiency and precise optical control, Cree WaveMax Technology can deliver unmatched visual comfort, uniform illumination and improved color quality while enabling unprecedented design capabilities and energy-saving potential for modern LED luminaires. As a result, high-CRI (color rendering index) lighting and warmer color temperatures can be achieved without sacrificing efficacy and enhancing the ability to achieve USGBC LEED® certification.

WAVEGUIDES   Capture Light   Transport Light   Extract Light
WAVEMAX™ TECHNOLOGY

Transmitted   Recycled   Facet Angle
Reflected and Transmitted
TOTAL INTERNAL REFLECTION   Captures and transports light within the optical waveguide platform

3D shapes reflect, release and control
DIAMONDFACET™ OPTICAL ELEMENTS

CREE ⇕ | WAVEMAX™ TECHNOLOGY
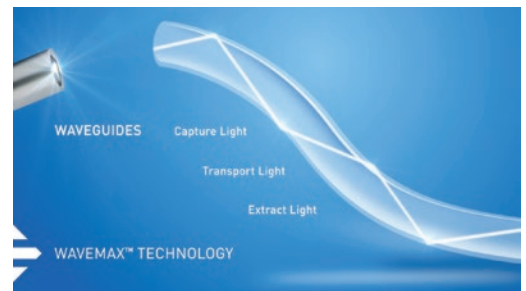
WATCH THE VIDEO
Visit *www.cree.com/wavemax* to watch the video.

The Cree Advantage

CREE SMARTCAST® TECHNOLOGY

Cree luminaires and dimmers enabled with SmartCast® Technology deliver essential lighting control without the complex design, installation and setup of today's lighting control systems. Integrated ambient and occupancy sensing and wireless communication are incorporated to deliver exceptional lighting performance, achieve additional energy savings over non-controlled solutions and extend product life. And now, the CR Series troffers with Cree SmartCast® Technology offer field-adjustable color temperatures that make "smart" lighting design a cinch. Projects are simplified by allowing one troffer to be used in any space regardless of color temperature preference.

Integrated Sensors

SmartCast Technology products incorporate integrated ambient light and motion sensors to achieve energy savings. Embedded sensors in each luminaire eliminate the need for up-front sensor layout design and allow for reliable detection of occupants and ambient light.

OneButton™ Setup

SmartCast Technology luminaires and dimmers automatically create intelligent groupings with OneButton Setup. The result is smart lighting that meets existing and emerging building codes and installs and sets up easier than comparable lighting control systems.

Wireless Communication

SmartCast Technology luminaires and controls require minimal additional labor to install compared to non-dimming solutions. In new construction and upgrade applications, installers can rely on a secure wireless communication between luminaires and dimmers, eliminating the need for control wiring.

CREE ⇕ | SMARTCAST® TECHNOLOGY

WATCH THE VIDEO
Visit *www.cree.com/smartcast* to watch the video.

Cree LED Luminaires

High-performance LED luminaires enhanced with SmartCast® Technology.

Dimmer

Add controls where needed for building code compliance.

Motion Sensing

Prevent idle spaces from wasting energy.

Daylight Harvesting

Reap the benefits of natural light while reducing energy consumption.

Intelligent Color

Field-adjustable color temperature enables easily customizable lighting experience (in select models).

SEAMLESS INTEGRATION

Easily transform the lighting of existing or new buildings into an energy-efficient, code-compliant space.

Comparison:
Fluorescent Lighting vs. Cree
TrueWhite® Technology LED Lighting

Before: Fluorescent Lighting

Like Halogen, But Better

The Spectral Power Distribution (SPD) curves shown here provide a great way to compare the color characteristics of Cree TrueWhite® Technology with traditional technologies. At each point across the visible color spectrum, the height of the SPD curve correlates with how accurately that color is rendered by the light source. The fuller, more continuous curve of Cree TrueWhite® Technology enables our LED luminaires to precisely render a much larger color set than CFLs. The similarities in the Cree TrueWhite® Technology and incandescent SPD curves also give our luminaires their signature halogen-like light, while still using a fraction of the energy of even CFLs.

After: Cree TrueWhite® Technology LED Lighting

The Cree Advantage

CREE TRUEWHITE® TECHNOLOGY

Color is a critical element in every interior; it establishes the personality and tone of a space. It not only shapes our moods, it can influence our buying decisions and enhance our ability to learn and interact with others.

In these ways, the color rendering property of light plays a powerful role in creating spaces that appeal, inspire and inform. Fixtures powered by Cree TrueWhite® Technology use an exclusive combination of 90+ CRI, high R9 values, beautiful light characteristics and lifelong color consistency to render the true colors of everything from fresh fruit to school books, delivering value far beyond financial savings.

And unlike with other white LED technologies, the luminaire efficacy of Cree TrueWhite® products does not diminish at lower color temperatures or with higher CRI. This means our luminaires can provide warm white light with high color rendering, all with maximum luminaire efficacy – a true no-compromise solution.

Cree TrueWhite® Technology with Mixing LEDs (BSY+R)

Cree TrueWhite® Technology with Phosphor Conversion

CREE TRUEWHITE® TECHNOLOGY   INCANDESCENT

CFLs

CREE ⬦
T R U E W H I T E
T E C H N O L O G Y
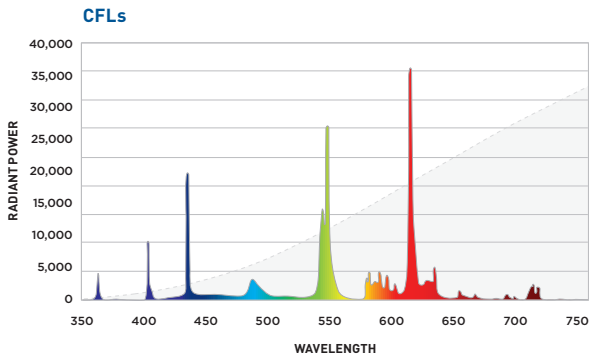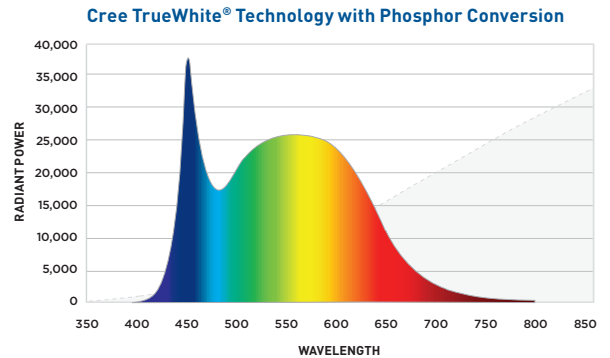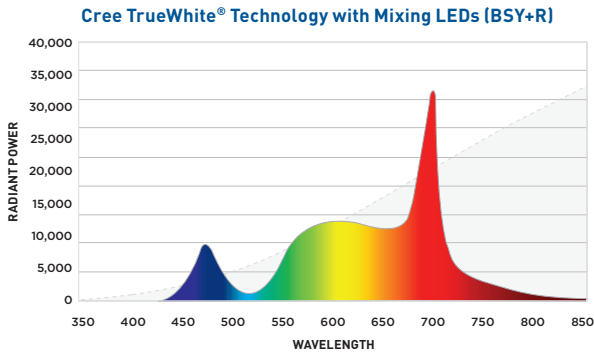
The Cree Advantage

NANOOPTIC® TECHNOLOGY

Over 20 Optic Choices for the Flexibility You Need

Traditional technologies offer limited choices when it comes to optical selections. Cree has changed this with our patented and highly-efficient NanoOptic® refractor technology. Our wide range of NanoOptic options provides new possibilities for highly-optimized target illumination performance and the flexibility needed for application-specific requirements. Our NanoOptic refractor system provides superior light control with:

- More lumens delivered in the target area
- Improved uniformity ratios
- Controlled high angle brightness
- Over 20 optical distribution patterns to choose from

NanoOptic® Technology Explained

The illustration below represents the LED optical fine-tuning range that Cree outdoor luminaires can provide. The gray area shows Type II short optic coverage. The short optic can be utilized to comply with more stringent light spill and high angle brightness specifications or codes by incorporating a lower main beam. The wider blue area indicates the Type II Medium optic coverage. This optic incorporates a slightly higher main beam to allow for wider and more economical pole spacing.

Type II Short

Type II Medium
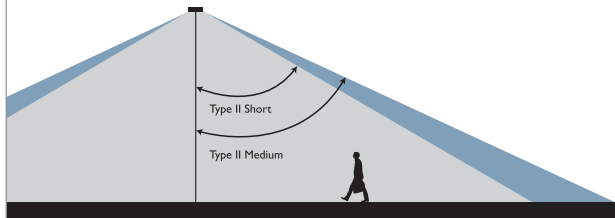
Bare LED Package
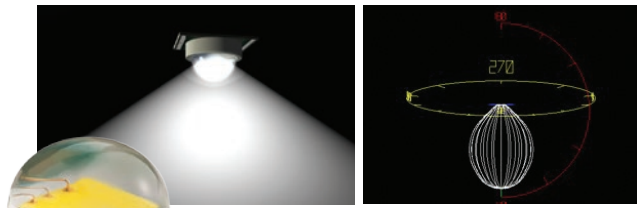
Cree® NanoOptic Refractor Control
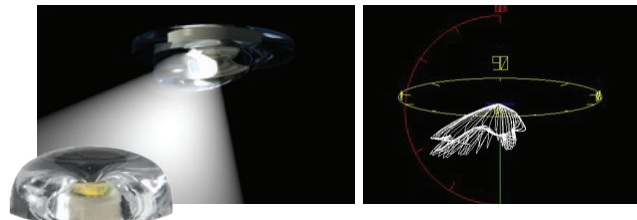
NanoOptic Distribution Examples

Visit cree.com/lighting to see all available NanoOptic choices.

Type I Short (1S)

Type II Medium (2M)

Automotive Frontline (AF)

Petroleum Symmetric (PS)

15° Flood (15)

25° Flood (25)

40° Flood (40)

70° Flood (70)

NEMA 6 (N6)
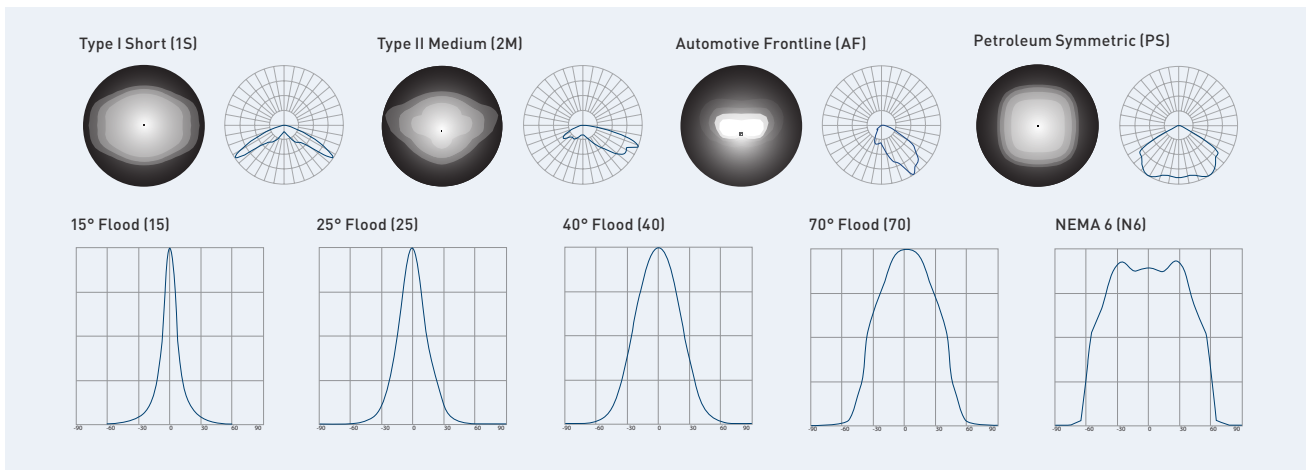
COLORFAST DELTAGUARD® FINISH

Premium Protection with Proven Results

Colorfast DeltaGuard® Finish is the finest industrial-grade finish available, is exclusive to Cree exterior products and poles, and carries an industry-leading 10-year limited warranty. Each product follows an immersion process that includes six cleaning stages, eight pre-treatment stages and an epoxy e-coat before the topcoat is applied. A baked-on ultra-durable powder topcoat is the last step to a truly outstanding finish that provides:

- Ultraviolet light resistance
- Hard surfacing
- Superior adhesion

- Corrosion resistance
- Fade protection
- Multiple finish options

- Endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions (ASTM Standard B117)

Proven Results - Salt Fog Test Results

The same 3mm thickness of powder topcoat was applied to each of these four pole section samples, which were then scored and exposed to a salt fog test for 2,500 hours. The results are clear – our Colorfast DeltaGuard finish stood up to the test, proving our ability to protect your investment even in the most grueling conditions.

Steel

Cree Colorfast DeltaGuard

Typical 5-Stage

Aluminum

Cree Colorfast DeltaGuard

Typical 5-Stage
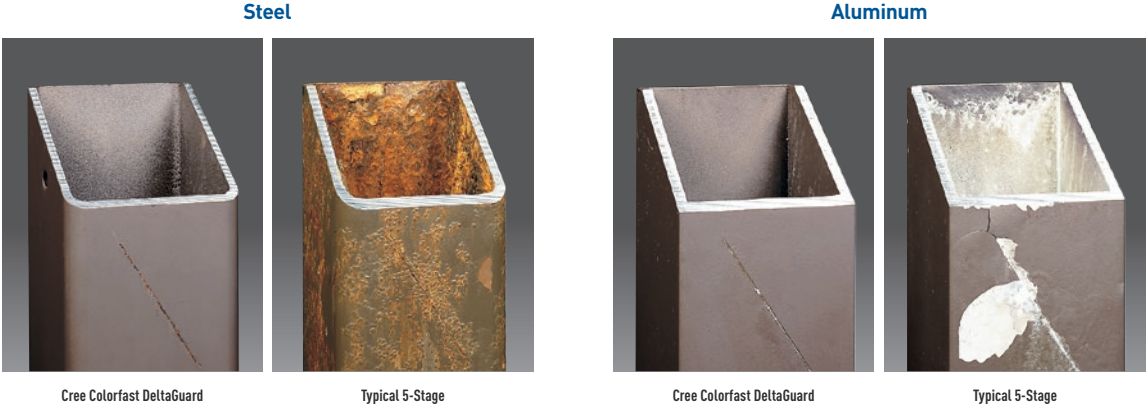
Color Finish Options

Colorfast DeltaGuard is available in four colorfast finishes providing design freedom on top of premium protection.

Black

Bronze

Silver

White
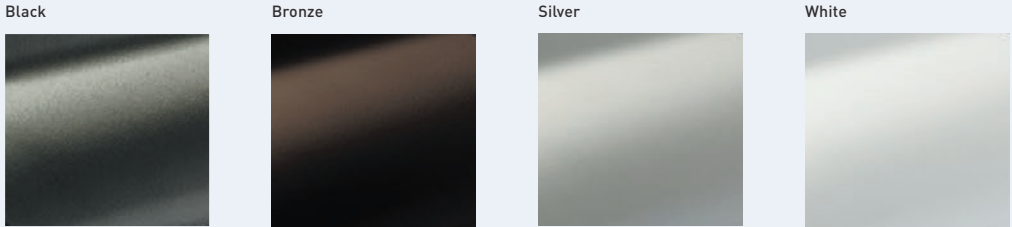
The Cree Way

A TOTAL SYSTEMS APPROACH

Our total systems approach is a comprehensive engineering philosophy that combines the most advanced LED sources, driver technologies, optics and form into each product. The result is highly-reliable luminaire solutions for both indoor and outdoor that reduce energy consumption, extend lifetimes and maximize illumination performance and quality.
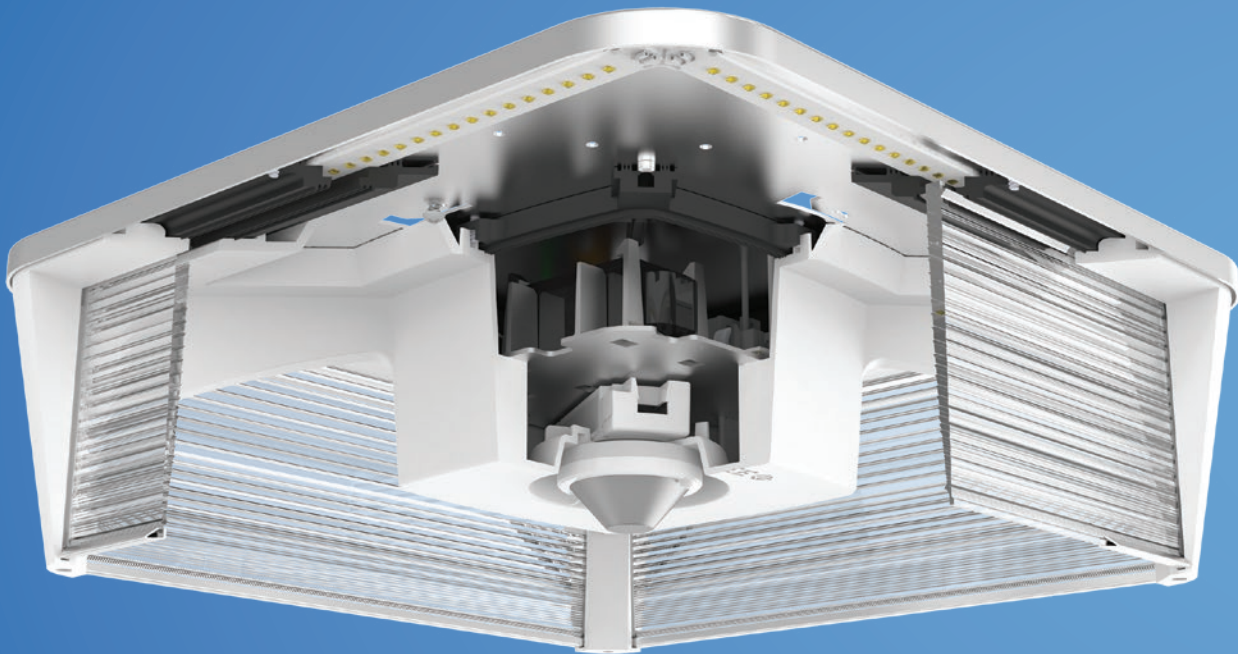
Advanced LED Technology

Inside every Cree® luminaire are top-quality Cree® LEDs, made from the finest materials and grown by experts in our very own labs. With over one billion hours of reliable LED operation logged, our proven track record explains why we offer the industry's broadest warranty.
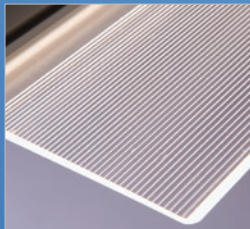
Specialized Optics

From our patented NanoOptic® refractor system to our WaveMax™ optical design, Cree luminaires feature individually optimized optics designed for both visual appeal and precise control, maximizing photometric performance, aesthetics and color mixing all at once.

Modular Design

We do not take a one-size-fits-all approach. Rather, Cree strives to create application-specific solutions, such as our modular outdoor light engines, which can be fine-tuned to meet any illumination requirement while consuming the least amount of energy possible.

Progressive Product Development

As technology leaders, we are continuously advancing our state-of-the-art LED lighting systems to gain the highest efficiency and quality light from our luminaires. Dynamic R&D focuses on maximizing efficiency in every part of the luminaire, while Cree world-class engineering, highly experienced manufacturing teams and overall operational excellence combine to produce our distinctive top-performing LED lighting products.
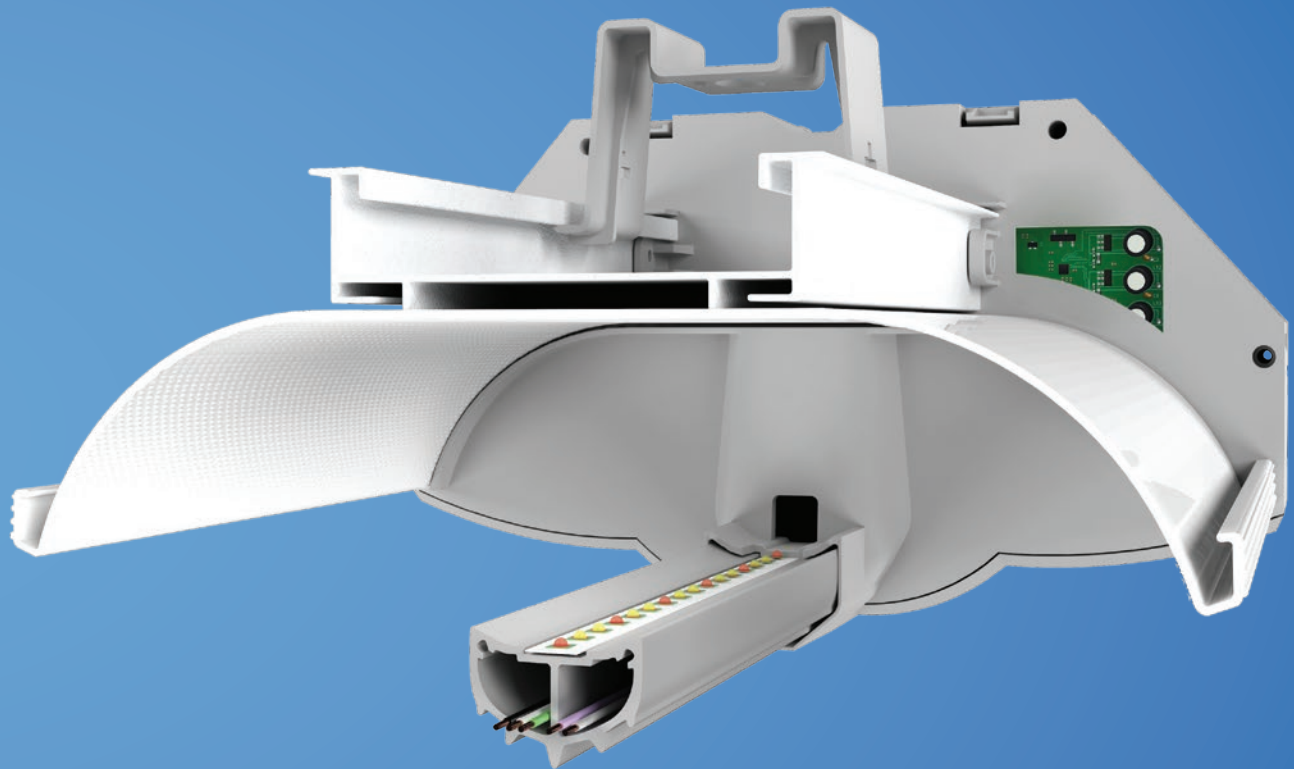
Thermal Management

Excellent thermal management contributes to optimal illumination, reliability and longevity. From advanced heat sink technology to our vented outdoor housings, Cree® luminaires are designed to maximize cooling, making their unmatched performance and longevity possible.

Reliable & Optimized Drivers

The drivers utilized in Cree luminaires are extremely reliable and are specifically designed to our high-efficiency standards. A variety of drive current options provide flexibility, while our integrated sensors and controls can offer total system solutions.

Style & Performance

Cree luminaires incorporate all the critical design elements needed to deliver exceptional performance and easy installation, all without compromising style. Our modern yet low-profile designs and high quality finishes offer beautiful aesthetics to any application, indoors and out.

The Cree Advantage

BENEFITS AT EVERY TURN

Cree is the originator of today's LED lighting technology and is 100 percent committed to the continued advancement of solid state lighting. From growing our patented Silicon Carbide (SiC) materials, to developing the components, to manufacturing complete lighting systems, our entire portfolio benefits from Cree's unrelenting pursuit of developing the most advanced LED lighting available.

Proven Quality & Performance

A leading innovator of LED chips, components and lighting, Cree has over a quarter century of experience in LED lighting development. As a leading vertically-integrated LED lighting company, Cree is revolutionizing the lighting industry with the development of sustainable lighting technology that provides superior lighting performance.

Ultra-Efficient Lighting

Lighting accounts for approximately 20 percent of electricity use in both residential and commercial applications. Cree offers a complete line of indoor and outdoor LED lighting solutions that significantly reduce electricity consumption and operating costs for commercial and residential applications.

Lifetime Energy Savings

One of the main advantages of LED lighting is reduced power consumption. Cree® LED lamps and luminaires use just a fraction of the energy required to operate traditional lighting; as energy demands rise, the cost savings and carbon reduction from upgrading to LED lighting will continue to reduce operational costs.

Reduced Maintenance Costs

Maintenance cost savings is one of the major benefits realized when making the switch to LED lighting. Designed for extended life, Cree® LED lamps and luminaires will last much longer than conventional lighting, which equates to fewer replacements over time and less money spent on maintaining your lighting system.

Easy Installation & Upgrading

The products found in this catalog have all been designed with ease of installation in mind. From the standard Edison bases found on the lamps to the traditional mounting options available for our troffers and outdoor products, Cree® LED lamps and luminaires can work as a direct replacement or as a perfect fit for new lighting install opportunities.

Long-Term Financial Benefits

Cree offers some of the most energy-efficient and long-lasting LED lighting in the industry. This translates to financial savings through reduced operational costs and less money spent on maintenance due to extended product life. Depending on the application, the payback period for LED lighting typically ranges from one to three years.

Cree Quick Ship Program

AVAILABLE AND READY TO SHIP

The Cree Quick Ship Program is designed to help you receive your orders for our LED lighting products fast! When you need the highest quality LED lighting products, count on Cree Quick Ship to deliver items quickly.

Cree Quick Ship products are our most popular indoor and outdoor products ready to ship to you. No more waiting for these items to be built-to-order, as we target having them in-stock and ready to ship.

- Serve quick turn jobs and orders with products that are available to ship.
- Accelerate LED adoption by matching/beating incumbent technology availability.
- Increase your sales and create happy customers with fast shipping.

We've now added the Quick Ship logo designator on our spec sheets and website to help you readily identify qualifying products.

For more information and a complete list of Quick Ship available products, please visit:

www.cree.com/lighting/quickship

Industry-Leading Limited Warranty

Cree offers a standard 10-year limited warranty that covers the broadest product range in the industry. This covers nearly all Cree globally available commercial-grade indoor and outdoor fixtures. We also offer an industry-leading standard 10-year limited warranty covering our Colorfast DeltaGuard® Finish on all outdoor fixtures and poles. To learn more about the products covered under our standard warranty, please visit:

www.cree.com/lighting/products/warranty

INDOOR LED PRODUCTS

Cree is committed to delivering the best solutions on the market, inspired by the needs of our customers and perfected by the knowledge and expertise of our engineers. We recognize the importance of beautiful energy-efficient lighting and aspire to improve every business with uncompromising performance and payback.

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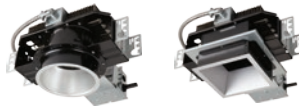
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CREE⇕
SMARTCAST® TECHNOLOGY

LUTRON EcoSystem®
Enabled

INDOOR APPLICATIONS

As consumer expectations evolve, so should the environment and experiences we offer. Cree helps businesses overcome the challenges of an ever more demanding marketplace with a broad set of world-class LED fixtures that offer uncompromising performance, style and affordability.

Architectural

Cree® interior architectural lighting is both crisp and warm. With 90+ CRI and superior color rendering, your space appears vibrant, comfortable, clean and inviting.

Corporate Campus

For corporations planning newly-constructed or renovated campuses, Cree is the lighting product of choice for up to 80 percent energy cost savings and contributions toward LEED credits from the U.S. Green Building Council.

Healthcare

With healthcare ranking as the second largest energy consumer in the U.S., energy cost-saving technology like Cree's efficient LED luminaires is essential to achieve Department of Energy initiatives.

High-Bay/Low-Bay

Cree® interior high-bay lighting is the ideal source for energy-efficient illumination in large spaces and provides improved, lasting performance in cold storage facilities.

Museum & Amusement

Enhance the illumination of your exhibits and all of your guest spaces with soft accents or dramatic highlights. Significantly reduce the need for lighting maintenance and associated labor costs.

Convenience Store

Petroleum stations are attracting customers with improved Cree lighting that creates a safe environment with dramatically better visibility and the added benefit of tremendous energy cost savings.

Residential

Create a comfortable, inviting experience in your home with beautiful LED lighting — better quality light and better for the environment. With normal home usage, LED lighting typically lasts more than 20 years and uses significantly less power than traditional lighting.
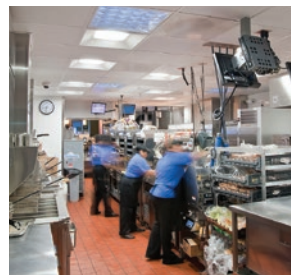
Restaurant & Hospitality

Cree® luminaires are the ideal solution for multiple-location franchise installations because they offer the versatility of optical selections and upgradable modular LED lightbars to meet different lighting ordinances.

Retail & Grocery

From a safe and inviting parking area to an appealing sales floor to a well-lit warehouse, Cree offers a complete line of LED luminaires that will enhance the atmosphere throughout your entire store.
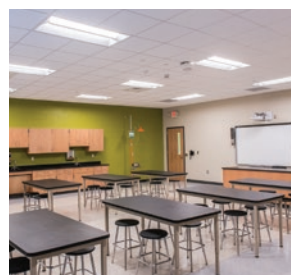
School & University

The U.S. Green Building Council sees school construction and renovation as a sector that has potential for tremendous energy cost savings by implementing environmental solutions. Schools and universities looking for sustainable lighting alternatives are selecting Cree.

LED ARCHITECTURAL DOWNLIGHTS

Cree® LED architectural downlights allow designers to meet interior lighting performance specifications while achieving beautiful color consistency. With Cree's wide range of LED lighting options, commercial and high-end spaces can achieve bright beautiful light and significant energy cost savings — a true no-compromise solution.
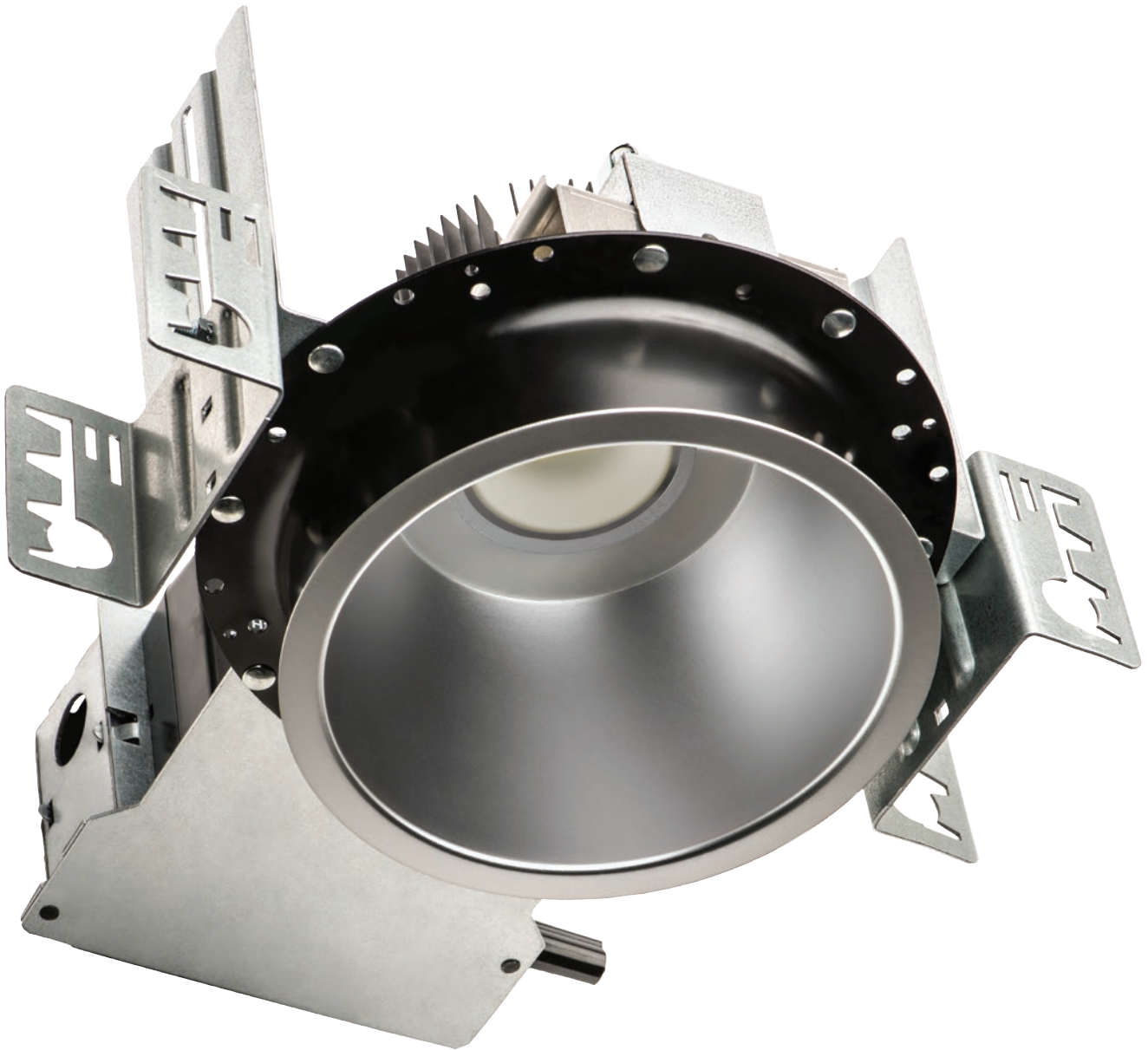
KR Series

- Minimum 90 CRI
- CCT: 2700K, 3000K, 3500K, 4000K or 5000K
- Up to 2650 lumens
- Utilizes Cree TrueWhite® Technology
- 5% Triac Dimming, 10% 0/1-10V Dimming; 1% Lutron EcoSystem Dimming and Lutron Forward Phase Dimming
- 4" and 6" sizes
- Cree SmartCast® Technology, Triac, 0-10V and Lutron® controls options available

LR4 Series

- Minimum 90 CRI
- CCT: 2700K or 3500K or 5000K
- 515 or 540 lumens
- Utilizes Cree TrueWhite® Technology
- 15° or 30° shield angles
- 20% dimming at 120V

Essentia® Series Recessed

- Minimum 80 CRI
- CCT: 2700K, 3000K, 3500K or 4000K
- Utilizes BetaLED® Technology
- NanoOptic® Technology for precise optical control
- 0–10V dimming
- Available as downlight, adjustable and lensed wall wash

Essentia® Series Surface Cylinder

- Minimum 80 CRI
- CCT: 2700K, 3000K, 3500K or 4000K
- Utilizes BetaLED® Technology
- NanoOptic® Technology for precise optical control
- 0–10V dimming
- Multiple light distributions available

KR Series Downlights

EXCEPTIONAL LIGHT QUALITY, CONSISTENT PERFORMANCE AND UNBEATABLE VERSATILITY.

Available in a 4-inch and 6-inch aperture, a variety of color temperatures with high-quality anodized aluminum reflector finishes and out-of-the-box dimming compatibility, the KR Series is a great solution for specification-quality downlighting.

BENEFITS

- Up to 30 percent more efficient than CFL
- Cost-effective from day one
- Reduced maintenance cycles
- High color quality

FEATURES

- 4" and 6" round or square apertures
- Efficacy up to 67 LPW
- Utilizes Cree TrueWhite® Technology
- Active color management
- Standard 10-year limited warranty
- 50,000-hour rated life
- 10% Cree SmartCast® Technology, 5% Triac, or 10% 0/1-10V dimming options
- Emergency battery backup

APPLICATIONS

- Airports, interior architectural, corporate campus, municipal, museum & amusement, restaurant & hospitality, retail & grocery

KR4™ Round

KR6™ Round

KR4™ Square

KR6™ Square

CREE ♦

KR Series Downlights

Ordering Information

Example: KR4-9L-27K-120V + KR4T-SSGC-FF

SERIES	SIZE	REFLECTOR	LUMEN OUTPUT	CCT	VOLTAGE	CONTROLS		EMERGENCY
KR	4 – 4" Housing 6 – 6" Housing	Blank Round S Square	9L - up to 683 Delivered Lumens 13L - up to 1060 Delivered Lumens 20L - up to 1664 Delivered Lumens 30L - up to 2545 Delivered Lumens 40L - up to 3337 Delivered Lumens 60L - up to 5265 Delivered Lumens	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	120V - 120 Volts 277V - 277 Volts	120V 10V	Triac Dimming 0/1-10V Dimming	EB7

REFLECTOR	REFLECTOR FINISH	FLANGE FINISH	OPTIONS
KR4T KR6T	SSGC - Soft Satin Glow Clear SSGCG - Soft Satin Glow Champagne Gold	FF - Matching WF - White Paint	WW - Wall Wash**

Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
*WW available in KR6 only.

Accessory Information

SLOPED CEILING ADAPTOR

Replace "XX" with an angle, in 5-degree increments between 5 and 35 (example "05" or "35").

KR4™

FRAME EXTENDER BASE LOCATION
3" (105mm)
8" (203mm)
9" (305mm)
RISE RUN ANGLE

KR6™

FRAME EXTENDER BASE LOCATION
4.1" [105mm]
11" [279mm]
12" [305mm]
RISE RUN ANGLE
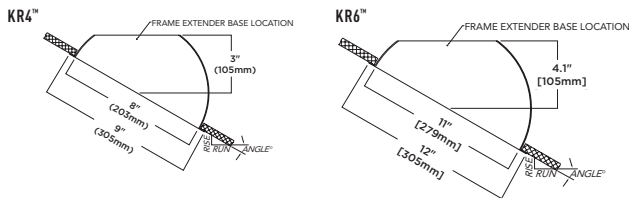
Reflector Options

SSGC
Soft Satin Glow Clear

SSGCG
Soft Satin Glow Champagne Gold

Dimensions

KR4™ DOWNLIGHT

ROUND

12" (305mm)
11.5" (292mm)
7.25" (186mm)
5.25" (133mm)

SQUARE

12.5" (318mm)
12.9" (9328mm)
7.4" (187mm)
5.8" (146mm)

KR6™ DOWNLIGHT

ROUND

11.9" [302mm]
13" [331mm]
7.2" [184mm]
2" [51mm]
6" [153mm]
7" [178mm]

SQUARE

14.0" (9356mm)
14.4" (9366mm)
7.4" (188mm)
7.3" (185mm)
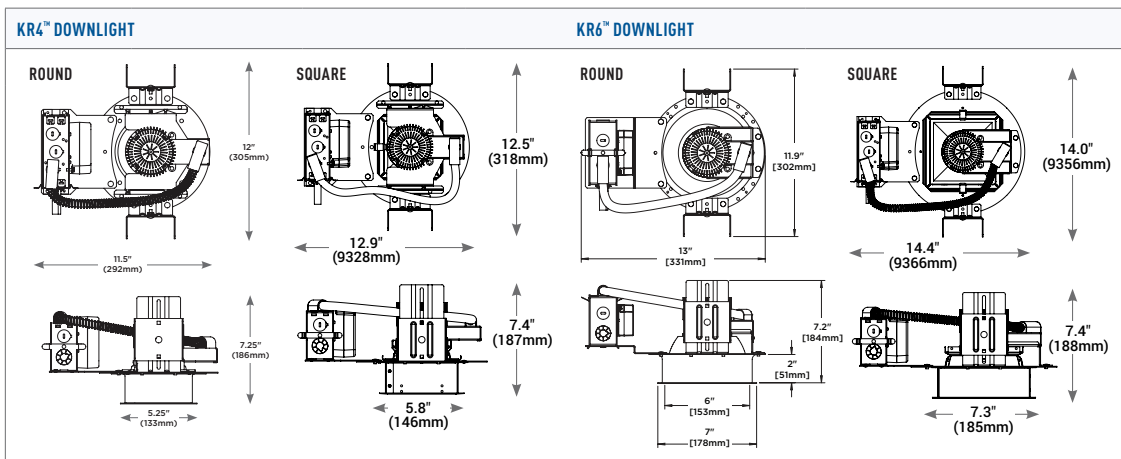
*EB7 model not shown, reference spec sheet for details.

You May Also Be Interested In:

LR SERIES DOWNLIGHTS
Commercial-Upgrade Downlight Solutions

LS SERIES
Commercial-Grade Linear Solutions

CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

CREE

CREE TRUE WHITE TECHNOLOGY   ENERGY STAR   RoHS   c UL us LISTED

LR Series Downlights

LR4™

SMOOTH, HIGH-END APERTURE APPEARANCE WITH A LOW-PROFILE FOUR-INCH DESIGN.

The LR4™ architectural downlight features a clean, architectural-grade aperture appearance, with up to 30-degree shield angle. Designed for use with an H4 4" architectural housing and the LT4 trims, the LR4 fixture is suitable for new construction applications. The LR4 downlight provides higher efficacy and longer life than Compact Fluorescent Lamps with the beautiful light quality that you would expect from an incandescent.

BENEFITS

- Up to 50 percent more efficient than CFL
- Reduced maintenance cycles
- High color quality
- Small 4" aperture

FEATURES

- Efficacy up to 51 LPW
- Utilizes Cree TrueWhite® Technology
- Active color management
- Standard 10-year limited warranty
- 50,000-hour rated life
- Dimmable to 20%

APPLICATIONS

- Interior architectural, corporate campus, municipal, museum & amusement, restaurant & hospitality, retail & grocery

CREE

LR Series Downlights

Ordering Information

Example: LR4E-15 + H4 + LT4-15-A

PRODUCT	SHIELD	CCT	VOLTAGE/BASE
LR4E 4" Light Engine	**15** 15°, Shallow **30** 30°, Deep	**Blank** 2700K **C** 3500K	**Blank** GU24 Base

HOUSING
H4 4" recessed housing, with GU24 base; rated for use with LR4E

PRODUCT	SHIELD	REFLECTOR FINISH	
LT4 4" Trim	**15** 15°, Shallow **30** 30°, Deep	**A** **AW** **AP** **AB** **WH** **BB**	Clear Anodized Wheat Anodized Pewter Anodized Black Anodized Flat White Smooth Black (reflector and trim)

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

REFLECTOR FINISH OPTIONS

A Clear	AW Wheat	AP Pewter	AB Black	WH White	BB Black with black flange
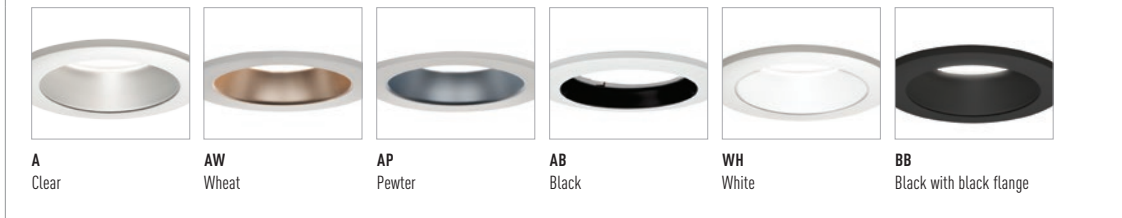
Dimensions

LR4™ ARCHITECTURAL DOWNLIGHT

5.5"

4.75"

15° Shield Angle

7"

4.75"

30° Shield Angle

14"

7"

8"

The LR4™ architectural downlight ships as three components: a housing, light engine and trim. Each component must be ordered separately.

H4
Housing

LR4™
Light Engine

LT4
Trim

You May Also Be Interested In:

LR SERIES DOWNLIGHTS
Commercial-Upgrade Downlight Solutions

CS SERIES LINEAR
Commercial Linear Solutions

CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

Essentia® Series Recessed Downlights

A COMPLETE RANGE OF PRODUCTS TO FILL THE DESIGN REQUIREMENTS OF TODAY'S COMMERCIAL SPACES AND HIGH-CEILING APPLICATIONS.

A wide product offering of Essentia® recessed downlight, adjustable and wall-wash luminaires fills architectural design requirements. Impressive lumen packages beyond 5,000 initial lumens delivered allow designers to meet strict interior lighting performance specifications with a complete LED solution. Achieve beautiful color consistency in any space when you choose Essentia luminaires.

BENEFITS

- Greatly reduced maintenance cycles
- Reduce energy consumption by up to 50 percent
- Precise optical control
- Tight color consistency

FEATURES

- Unbeatable LED lumen package
- Replaceable light source
- Upgradable optics
- Multiple color temperatures
- Narrow, medium and wide distribution patterns
- Standard 0 to 10 volt dimming control
- 4-, 6- and 8-inch square and round apertures
- 45° cut-off
- 50,000-hour rated life

APPLICATIONS

- Interior architectural, healthcare, municipal, restaurant & hospitality, retail & grocery, school & university, government

Essentia® Series Round
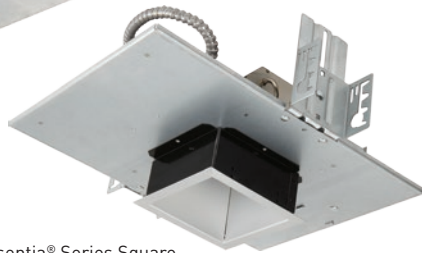
Essentia® Series Square

CREE

Essentia® Series Recessed Downlights

Ordering Information

Example: ESA-ADR-8-28-C-LWW-SSGC-FF-120-525-35K

FAMILY	PRODUCT	APERTURE	LED COUNT	LED SERIES	OPTIC	REFLECTOR FINISH	FLANGE FINISH	VOLTAGE	DRIVE CURRENT	OPTIONS
ESA	ADS ADR	4 6 8	14 28 42 56	D	NDADJ NSADJ NPADJ LWW WD MD ND	SSGC SSGGR SSGBR SSGCG SSGPE SSGWH SSGB W	FF WF XF	120 277	525	27K 30K 35K 43K DH FS MC ES SCA WL

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
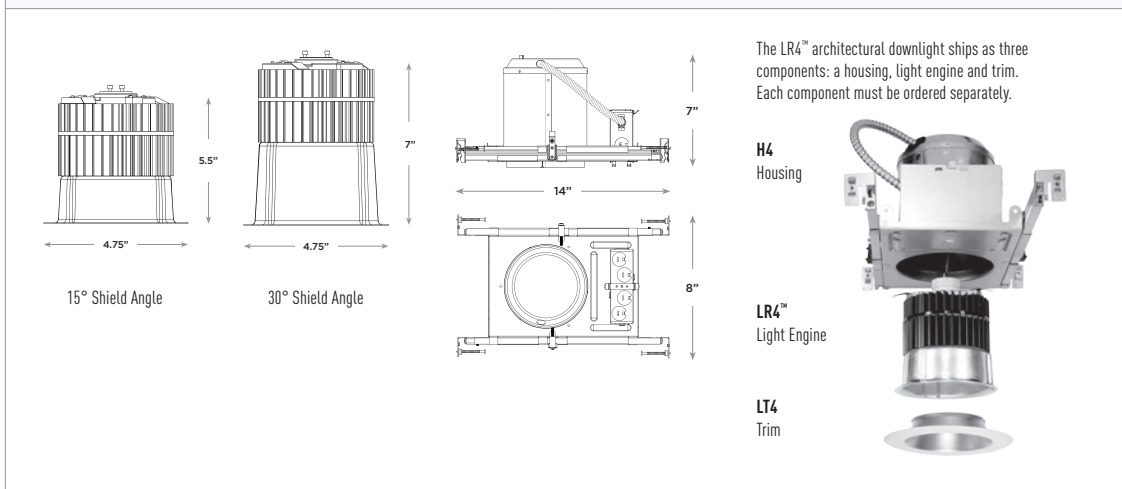
Reflector Options

SSGC	SSGGR	SSGBR	SSGCG	SSGPE	SSGWH	SSGB	W
Clear	Graphite	Bronze	Champagne Gold	Pewter	Wheat	Black	White

OPTIONS

STANDARD	ADJUSTABLE	WALL WASH
Square	Square	Square
Round	Round	Round
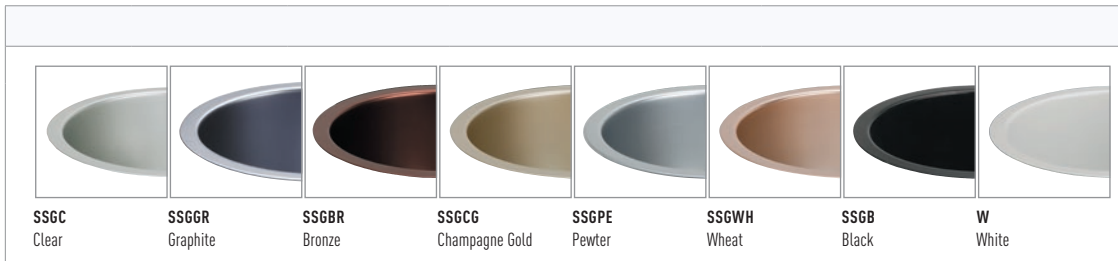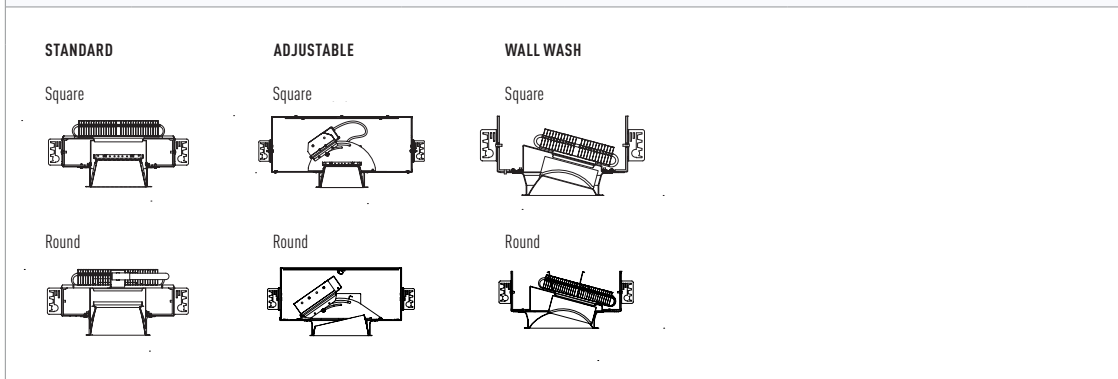
*For example purposes only.

Essentia® Series Surface Cylinder

STYLISH SURFACE CYLINDER LUMINAIRE THAT PROVIDES COLOR POINT STABILITY AND DESIGN INTEGRITY THROUGHOUT THE LIFE OF THE APPLICATION.

Interior architectural design options now include a stylish surface cylinder luminaire with the high performance and light blending flexibility that only an LED solution can provide.

The stylish cylinder luminaires feature 45-degree visual cut-off to the source. A state-of-the-art flow-through design includes an integrated heat sink for superior thermal management to optimize lumen maintenance and reliability of the luminaire.

BENEFITS

- Greatly reduced maintenance cycles
- Reduce energy consumption by up to 50 percent
- Precise optical control
- Tight color consistency

FEATURES

- Surface, pendant, cable or wall-mount options
- Variety of LED counts: 28, 42 and 56
- Wide selection of optic distributions: wide, medium, narrow and narrow spot
- Standard color temperatures: 2700K, 3000K, 3500K, 4000K
- Multiple housing colors: black, bronze, Carmaro silver, white
- Optional Lutron Hi-Lume® dimming, fusing and lens media

APPLICATIONS

- Interior architectural, healthcare, municipal, restaurant & hospitality, retail & grocery, school & university, government

Essentia® Surface Cylinder

CREE ⬍

Essentia® Series Surface Cylinder

Ordering Information

Example: ESA-C10-ND-S-28-D-U-BK-SSGC-525-27K

FAMILY	PRODUCT	OPTIC	MOUNTING	LED COUNT	SERIES	VOLTAGE	COLOR	REFLECTOR FINISH	DRIVE CURRENT	OPTIONS
ESA	C10 10" Cylinder	ND Narrow NS Narrow Spot MD Medium WD Wide	S Surface P Pendent SW Wall Bracket HP Hangstraight Pendent AC1 5' Aircraft Cable AC2 10' Aircraft Cable AC3 15' Aircraft Cable	28 42 56	D	U 120V to 277V	BK Black BZ Bronze CS Carmaro Silver WH White	SSGC Clear SSGGR Graphite SSGBR Bronze SSGCG Champagne Gold SSGPE Pewter SSGWH Wheat SSGB Black W White	525 525mA	27K 2700K 30K 3000K 35K 3500K 43K 4300K DH Hi-Lume Dimming (28 and 42 LEDs only) FS Fusing LM Lens Media

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
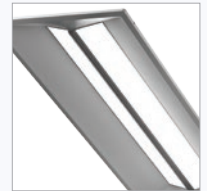
Reflector Options

SSGC Clear	SSGGR Graphite	SSGBR Bronze	SSGCG Champagne Gold	SSGPE Pewter	SSGWH Wheat	SSGB Black	W White

Finish Colors

BLACK	BRONZE	CARMARO SILVER	WHITE

Mounting Options

SURFACE MOUNT	WALL BRACKET	MOUNTING
21-1/4" [537mm] 20" [508mm]	20" [508mm] 10" [254mm] 7" [178mm]	Surface (S) Pendant (P) Wall Bracket (SW) Aircraft Cable (AC) Hangstraight Pendent (HP) (Field Cutable)

You May Also Be Interested In:
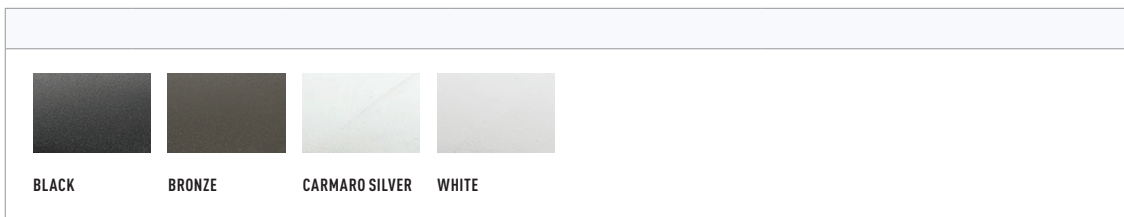
ESSENTIA® DOWNLIGHTS
Architectural Downlighting Solutions
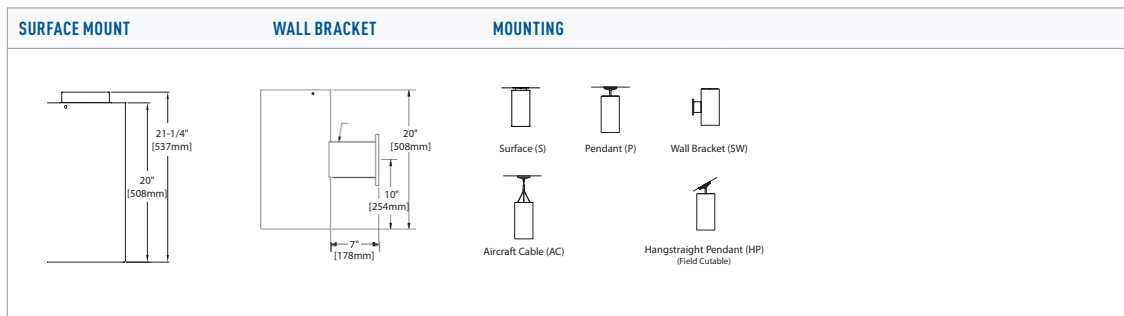
CS SERIES LINEAR
Commercial Linear Solutions

CR SERIES TROFFERS
High-Efficiency, Affordable Troffers
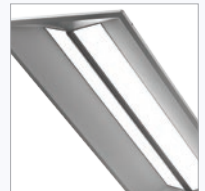
CREE
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www.cree.com/lighting   T (800) 236-6800   F (262) 504-5415   29

LED DOWNLIGHTS

Cree® downlights blend beauty and performance with the same superior light quality as traditional fixtures but at a fraction of the energy used. With a wide variety of configurations, Cree downlights are ideal for all recessed lighting applications — from new construction to retrofit and commercial to residential settings.

DR Series (DR4™ / DR6™)

- Minimum 90 CRI
- CCT: 2700K or 5000K
- 575 or 625 lumens
- Utilizes Cree TrueWhite® Technology
- 4" and 6" sizes
- Dimmable to 5%

LR Series

- Minimum 90 CRI
- CCT: 2700K, 3000K, 3500K or 4000K
- 650, 1000 or 1800 lumens
- Utilizes Cree TrueWhite® Technology
- Shallow and deep recess options
- Dimmable with Triac dimmers at 120V

CR Series (CR4™ / CR6™)

- Minimum 90 CRI
- CCT: 2700K, 3000K, 3500K or 4000K
- 575, 625 or 800 lumens
- Utilizes Cree TrueWhite® Technology
- 4" and 6" sizes
- Dimmable with Triac dimmers at 120V

DR Series Downlights - DR4™ / DR6™

A REMARKABLE COMBINATION OF PRICE AND PERFORMANCE.

Built with Cree TrueWhite® Technology, the DR4™ and DR6™ retrofit downlights consume up to 81% less energy than traditional incandescent and halogen sources while achieving better color quality with a CRI of 90+. Dimmable to 5% with widely available traditional dimmers and ENERGY STAR® qualified, this product is ideal for use in both residential and light-commercial new construction and retrofit applications.

BENEFITS

- Instant on to full brightness and dimmable to 5%
- Exceptional light quality
- Easy installation
- Greater than 80% instant energy savings when replacing traditional incandescent sources.

FEATURES

- 575 or 625 lumens
- CCT: 2700K or 5000K
- Utilizes Cree TrueWhite® Technology
- Designed to last 35,000 hours
- 5 year limited warranty

APPLICATIONS

- New construction or upgrade for residential and commercial lighting

DR6™

DR4™

CREE ✦

DR Series Downlights - DR4™ / DR6™

Ordering Information

Please consult spec sheets for specific product availability and for further details.

Dimensions

DR4™	DR6™

5.0" (127mm)	6.0" (152mm)
5.0" (127mm)	7.4" (188mm)
2.5" (64mm)	3.4" (86mm)
2.6" (66mm)	2.6" (66mm)
5.0" (127mm)	7.4" (188mm)
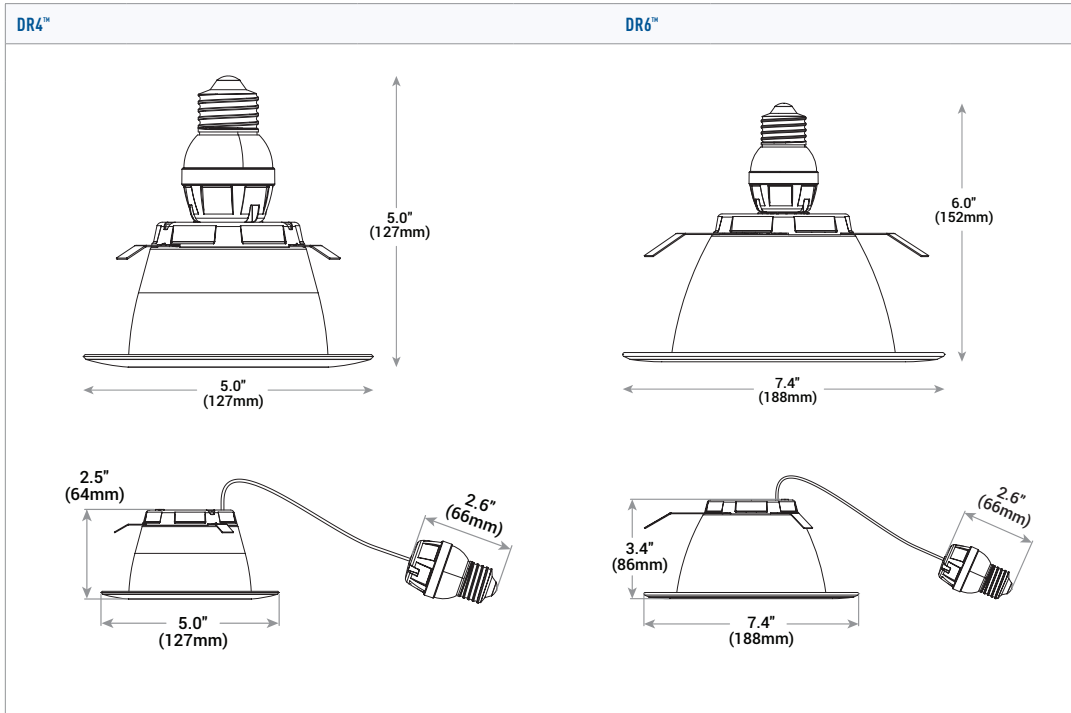
Accessory Information

HOUSING - EDISON BASE		
New Construction	**Retrofit**	**CFL Pan Conversion Kit**
RC4	RC4	C6
RC6	RR6	

LR Series Downlights

LR6™

LR6-10L
LR6-18L

LE6™

UPGRADE YOUR SPACE WITH INDUSTRY-LEADING EFFICACY AND EXCEPTIONAL LIGHT QUALITY, BUILT UPON A PROVEN LED LIGHTING PLATFORM.

The LR6™ downlight delivers up to 1800 lumens of exceptional 90+ CRI light while achieving efficacy of 90 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology, allowing incandescent light to be replaced using 85% less energy. Available in a warm or neutral color temperature with a variety of snap-in reflector options, the LR6™ fixture is designed to easily retrofit into new or existing 6" housings, for commercial or residential use.

BENEFITS

- Up to 85 percent more efficient than incandescent
- Reduced maintenance cycles
- High color quality
- Fits in existing 6" housings

FEATURES

- Efficacy up to 90 LPW
- Utilizes Cree TrueWhite® Technology
- Active color management
- Standard 10-year limited warranty
- 50,000-hour rated life
- Standard 5% dimming

APPLICATIONS

- Airports, municipal, school & university, corporate campus, restaurant & hospitality, retail & grocery, government

CREE ⬦

LR Series Downlights

Ordering Information

Example: LR6C-DR-1000-277V

PRODUCT	COLOR TEMP.	SHIELD	LUMEN OUTPUT	VOLTAGE/BASE	OPTIONS
LR6 6"	**Blank** - 2700K **C** - 3500K	**Blank** - Standard Shield **DR** - 20° Shield	**Blank** 650 Lumens (use "650" with "DR" Shield option) 1000 - 1000 Lumens	**Blank** - Edison Base **GU24** - GU24 Base **277V** - 277 Volt – Three Pin Connector	**Blank** - Standard **US** - Made in USA

Example: LR6-10L-35K-120V-A-DR

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE/BASE	GENERATION	SHIELD
LR6 6"	**10L** - 1000 Lumens **18L** - 1800 Lumens	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K	**120V** 120 Volts – GU24 Base	**A**	**DR** - 20° Shield

Example: LE6-C-500-GU24

PRODUCT	COLOR TEMP.	LUMEN OUTPUT	VOLTAGE/BASE	OPTIONS
LE6 6"	**Blank** - 2700K **C** - 3500K	**Blank** - 500 Lumens (at 30° tilt)	**Blank** - Edison Base **GU24** - GU24 Base	**Blank** - Standard **US** - Made in USA

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

SNAP-IN TRIMS

Snap-in Trim Kits are available in three standard color options.
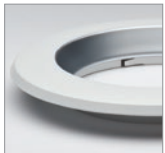
LT6A
Diffuse Anodized Finish Trim

LT6AW
Wheat Diffuse Anodized Finish Trim

LT6AB
Black Anodized

6" HOUSINGS

The LR6™ downlights fit into a variety of housings from Cree and other manufacturers.

H6 SERIES
Specification-Grade Housing

RC6 SERIES
Commercial-Grade Housing

RR6 SERIES
Retrofit Housing

6" MOUNTING KITS

The LR6™ downlights fit into a variety of mounting kits for ceiling, pendant or wall mounting.

SC6
Ceiling Mounts

SC6-WM
Wall Mounts

SC6-CM
Cord Mounts

6" COMMERCIAL RETROFIT KITS

A field-installable kit to transform the existing commercial-grade downlights into housings ready to accept the LR6™ downlights.
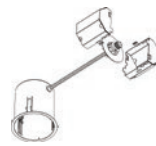
C6
Commercial 120V, Edison Base, "Pan" Adaptor Kit
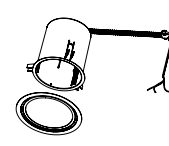
C6-LSA
Commercial 120V or 277V, Hard-Wire, "Pan" Adaptor Kit

Dimensions

LR6™ DOWNLIGHTS
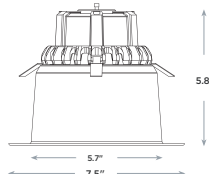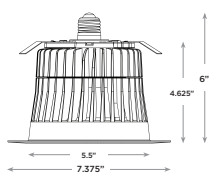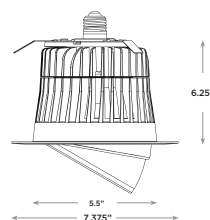
6"
4.625"
5.5"
7.375"

5.8"
5.7"
7.5"

LE6™ DOWNLIGHT

6.25"
5.5"
7.375"

You May Also Be Interested In:

CR-LE
Light Engine Kits to Match the CR Series Troffer

CS SERIES LINEAR
Commercial Linear Solutions

CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

CREE™

CREE TRUE WHITE TECHNOLOGY · ENERGY STAR · c UL US LISTED

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CR Series Downlights - CR4™ / CR6™

HIGHER EFFICACY AND LONGER LIFE THAN COMPACT FLUORESCENT LAMPS, WITH THE BEAUTIFUL LIGHT QUALITY THAT YOU EXPECT FROM AN INCANDESCENT.

The CR Series LED downlight delivers up to 800 lumens of exceptional 90+ CRI light while achieving up to 67 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology. The CR Series downlights are available in a variety of color temperatures and have several trim options. They easily install into most standard four- and six-inch recessed IC or non-IC housings, making the CR Series perfect for use in residential and light commercial, new construction or retrofit applications.

BENEFITS

- Up to 85 percent more efficient than incandescent
- Reduced maintenance cycles
- High color quality
- Fits in existing 6" or 4" housings
- Commercial and residential ENERGY STAR® qualified

FEATURES

- Efficacy up to 67 LPW
- Utilizes Cree TrueWhite® Technology
- Active color management
- Standard 5-year limited warranty
- 50,000-hour rated life
- Standard 5% dimming

APPLICATIONS

- Healthcare, municipal, residential, restaurant & hospitality, auto dealership

CR6™   CR4™

CREE◆

CR Series Downlights - CR4™ / CR6™

Ordering Information

Example: CR6-800L-27K-120V-E26

SERIES	SIZE	LUMENS	CCT	VOLTAGE/BASE	BASE TYPE	OPTIONS
CR	4 = 4 inch 6 = 6 inch	575L = 575 Lumens 625L = 625 Lumens 800L = 800 Lumens	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	120V - 120 Volts	E26 - Edison Base GU24 - GU24 Base (Title 24 Compliant)	D - Specular Reflector

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

SNAP-IN TRIMS

Snap-in Trim Kits are available in four standard color options.

CT6A
Silver
Diffuse Finish
Reflector

CT6AW
Wheat
Diffuse Finish
Reflector

CT6AB
Black
Diffuse Finish
Reflector

CT6BB
Flat Black
Diffuse Finish
Reflector

6" HOUSINGS

The CR6™ downlights fit into a variety of housings from Cree and other manufacturers.

H6 SERIES
Specification-Grade
Housing

RC6 SERIES
Commercial-Grade
Housing

RR6 SERIES
Retrofit Housing

6" MOUNTING KITS

The CR6™ downlights fit into a variety of mounting kits for ceiling, pendant or wall mounting.

SC6
Ceiling Mounts

SC6-WM
Wall Mounts

SC6-CM
Cord Mounts

6" COMMERCIAL RETROFIT KITS

A field-installable kit to transform the existing commercial-grade downlights into housings ready to accept the CR6™ downlights.
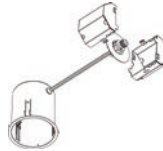
C6
Commercial 120V, Edison Base, "Pan" Adaptor Kit

C6-LSA
Commercial 120V or 277V, Hard-Wire, "Pan" Adaptor Kit

Dimensions

CR6™	CR6-GU24	CR4™

CR6™: 6.25", 7.5"

CR6-GU24: 5.5", 7.5"

CR4™: 3.5", 5"
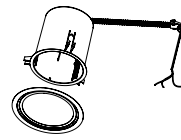
You May Also Be Interested In:

DR SERIES DOWNLIGHTS
Commercial-Grade Downlight Upgrade Solutions

LR SERIES DOWNLIGHTS
Commercial-Grade Downlight Upgrade Solutions

CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

CREE™

CREE™ TRUE WHITE TECHNOLOGY

ENERGY STAR

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LED TROFFERS

Cree® architectural and commercial specification-grade troffers demonstrate technical ingenuity at its finest, delivering a superior mix of performance and payback, proving that energy-efficient, high-quality lighting doesn't have to come at a premium. And with unmatched longevity and color consistency, all backed by an industry-best luminaire limited warranty, they deliver a true no-compromise solution.

LR Series Troffers

• Minimum 90 CRI
• CCT: 3500K and 4000K
• 3400 lumens
• Utilizes Cree TrueWhite® Technology
• 0-10V dimming to 5%

ZR Series Troffers

• Minimum 80-90 CRI
• Up to 5000 lumens
• CCT: 3500K, 4000K, 5000K
• LPW: 90-150
• Utilizes Cree TrueWhite® Technology or 80+ CRI
• 0-10V dimming control (standard) or SmartCast®
  Technology (optional)
• Designed to last up to 75,000 hours (standard)
  and 100,000 hours (HE)

CR Series Troffers

• Minimum 80-90 CRI
• CCT: 3000K, 3500K, 4000K, 5000K or adjustable
  CCT with Cree SmartCast® Technology
• 2000 to 5000 lumen options
• Utilizes Cree TrueWhite® Technology or 80+ CRI
• Step level to 50%, 0-10V dimming to 5%, Lutron
  EcoSystem® Enabled to 5% or Cree SmartCast®
  Technology dimming to 5%

CR Series Light Engine

• Minimum 80-90 CRI
• CCT: 3000K, 3500K, 4000K, 5000K
• 2000 to 5000 lumen options
• Utilizes Cree TrueWhite® Technology or 80+ CRI
• Step level to 50%, 0-10V dimming to 5%, Lutron
  EcoSystem® Enabled to 5%

LR Series Troffers

LR22™

A TROFFER DESIGN SO QUIET YOUR CEILINGS WILL WHISPER ABOUT IT FOR DECADES.

The architecturally designed recessed flat panel of the LR22™ LED troffer blends seamlessly into any ceiling and offers soft, smooth, fully-luminous light, creating a quiet ceiling that keeps spaces bright and vibrant. The innovatively thin 3.6" depth easily accommodates narrow plenums and is ideal for both retrofit and new construction. The LR22 LED troffer delivers 3400 lumens of exceptional 90 CRI light while achieving an efficacious 100 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology. Delivering 0-10V continuous dimming on every luminaire allows for further energy savings when utilized for even faster payback.

BENEFITS

- Beautifully soft, balanced light without the glare
- Up to 40% energy cost savings
- Payback in less than 2.5 years
- Eliminates up to 6 maintenance cycles
- DLC qualified

FEATURES

- Utilizes Cree TrueWhite® Technology
- Ultra-thin 3.6˝ form factor
- 100 LPW
- 10-year limited warranty
- Continuous dimming to 5% with 0-10V controls
- Designed to last for 75,000 hours L70 @ 25°C
- Recessed mounting

APPLICATIONS

- Airport, corporate campus, healthcare, municipal, restaurant, retail & grocery, school & university, government

CREE ✦

LR Series Troffers

Ordering Information

PRODUCT	LUMEN OUTPUT		CCT		EFFICACY		CONTROL		OPTIONS
LR22 2'x2' Lay-in	**34L**	34W 3400 lumens – 100 LPW	**35K** **40K**	3500K 4000K	**Blank**	120-277 Volt	**Blank**	0-10V Dimming to 5%	**EB14** Emergency Backup - 1400 lumens

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

LR22™ TROFFER
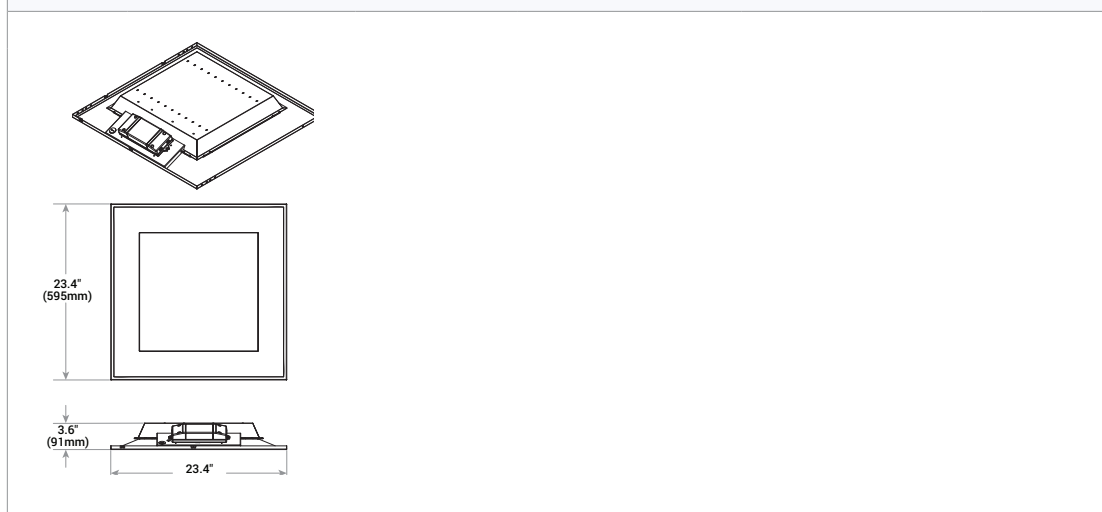
23.4"
(595mm)

3.6"
(91mm)

23.4"

You May Also Be Interested In:

CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

CS SERIES LINEAR
Commercial Linear Solutions

KR SERIES DOWNLIGHTS
Effective, Efficient LED Downlights

ZR Series Troffers

ZR24™

ZR14™

ZR22™

EXCEPTIONAL PERFORMANCE AT AN UNEXPECTED PRICE.

The ZR Series LED troffer portfolio offers 2x2, 1x4 and 2x4 options targeted for both new construction and renovation. The ZR Series troffer delivers up to 5000 lumens of 90 CRI color quality with a pleasing aesthetic look and includes Cree SmartCast® Technology or 0-10V dimming, which increases energy savings and helps meet local energy codes. The ZR Series troffer embodies a breakthrough in balancing energy savings, visual comfort and payback.

BENEFITS

- Cree TrueWhite® Technology or 80+ CRI
- Targeted for both new construction & renovation
- Balances energy savings, visual comfort & cost payback
- Easy installation
- Superior watts per square foot

FEATURES

- 90-150 LPW
- CCT: 3500K, 4000K or 5000K
- Delivered light output of 3200, 4000 or 5000 lumens*
- 2x2, 1x4 and 2x4 options
- 0-10V dimming control (standard) or SmartCast® Technology (optional)
- Recessed mounting
- Designed to last up to 75,000 hours (standard) and 100,000 hours (HE)

*50L in 80 CRI only

APPLICATIONS

- Use in new construction or retrofit applications
- Environments where specification grade requirements meet limited budgets
- Ideal for healthcare, education, office and pharmaceutical applications

CREE◆

ZR Series Troffers

Ordering Information

Example: ZR22-32L-35K-10V

PRODUCT	LUMEN OUTPUT		COLOR TEMP.	VOLTAGE	CONTROL		OPTIONS	
ZR14 1x4 Lay-in	40L	44W 4000 Lumens	35K 3500K 40K 4000K	Blank 120-277 VAC or 347 VAC	CMA	Controls ready with integral motion and ambient sensor 0-10V dimming to 5%	EB14** FD***	Emergency Backup 80 CRI
ZR22 2x2 Lay-in	32L 32L HE**	35W 3200 Lumens 21W 3200 Lumens	35K 3500K 40K 4000K					
ZR24 2x4 Lay-in	40L 40L HE** 50L**	44W 4000 Lumens 26W 4000 Lumens 45W 5000 Lumens	35K 3500K 40K 4000K 50K 5000K					

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
**SmartCast not available in 50L or HE types
***Only in 50L Types

Dimensions

ZR14™	ZR22™	ZR24™

3.9"
11.7"
47.7"

3.9"
23.7"
23.7"

3.9"
23.7"
47.7"

Accessory Information

DRYWALL GRID ADAPTOR	SURFACE MOUNT KIT	WIRELESS
DGA14-WHT DGA22-WHT DGA24-WHT	SMK ZR24 *Not for use with EB14 - ZR24™ LED Troffer Compatible SMK ZR14 - ZR14™ LED Troffer Compatible SMK ZR22 - ZR22™ LED Troffer Compatible	Wireless 0-10V Dimming/Switching Interface with Cree SmartCast® Technology CIF 10V

Ordering Information

Example: SMK-ZR24

PRODUCT
SMK-ZR24 ZR24™ LED Troffer Compatible SMK-ZR14 ZR14™ LED Troffer Compatible SMK-ZR22 ZR22™ LED Troffer Compatible

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

SMK-ZR24	SMK-ZR14	SMK-ZR22
L 48.0" (1219mm) x W 24.2" (615mm) x H 5.5" (140mm)	L 48.0" (1219mm) x W 12.2" (310mm) x H 5.5" (140mm)	L 24.0" (610mm) x W 24.2" (615mm) x H 5.5" (140mm)

Weight: Max. 15 lbs. (6.8kg)

CR Series Troffers

A NO-COMPROMISE ALTERNATIVE WHEN UPGRADING OVER FLUORESCENT LIGHTING.

The CR Series architectural LED troffers deliver up to 5000 lumens of exceptional 90+ CRI light with up to 130 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology with a unique thermal management approach. Their compact, lightweight design easily accommodates recessed, surface mount or suspended installations. The CR Series troffers are available in a variety of color temperatures and have step, 0-10V or Lutron EcoSystem® Enabled or Cree SmartCast® Technology dimming options. With Cree SmartCast® Technology, the CR Series offers field-adjustable color temperatures that enable simplified specification, ordering and installation to provide a new level of configuration options.

BENEFITS

- Significant energy savings
- Years of near-maintenance free service
- Superior color accuracy and consistency
- Easily designed into any space; a variety of lumens, color temperatures and control options

FEATURES

- Utilizes Cree TrueWhite® Technology or 80+ CRI
- Efficacy up to 130 LPW
- Active color management with SmartCast® Technology
- Standard 10-year limited warranty (5-year warranty with SmartCast® Technology)
- 50,000-hour rated (90 LPW - HD)
- 75,000-hour rated (100 LPW - Cree TrueWhite® Technology)
- 100,000-hour rated (Up to 130 LPW Cree TrueWhite® Technology High Efficacy)
- Cree SmartCast® Technology to 5%, Step level to 50%, 0-10V dimming to 5%, or Lutron EcoSystem® Enabled to 5%

APPLICATIONS

- Airport, corporate campus, healthcare, municipal, restaurant & hospitality, retail & grocery, school & university, government

CR24™

CR14™

CR22™

CREE ⇕

CR Series Troffers

Ordering Information

Example: CR22-20L-30K-S-EB14

PRODUCT	LUMEN OUTPUT		COLOR TEMP.	VOLTAGE	CONTROL		OPTIONS	
CR24 2x4 Lay-in	**20L**	22W 2000 Lumens - 90 LPW	**30K** 3000K	**Blank** 120-277V (Standard)	**S**	Step dimming to 50%	**HD**	80 CRI (90 LPW)
CR14 1x4 Lay-in	**22L**	22W 2200 Lumens - 100 LPW	**35K** 3500K		**10V**	0-10V dimming to 5%		**32L** 35W 3200 Lumens - 90 LPW
CR22 2x2 Lay-in	**31L**	34W 3100 Lumens - 90 LPW	**40K** 4000K	**34** 347V (Optional)	**LES**	Lutron EcoSystem® Enabled to 5%		**40L** 44W 4000 Lumens - 90 LPW
	32L	32W 3200 Lumens - 100 LPW	**50K** 5000K				**EB14**	Emergency Backup - 1400 Lumens
	40L	40W 4000 Lumens - 100 LPW						
	40L HE	30.5W 4000 Lumens - 130 LPW (30K) 32W 4000 Lumens - 125 LPW (35K) 33W 4000 Lumens - 120 LPW (40K) 34.5W 4000 Lumens - 115 LPW (50K)					**EB14SMK**	Emergency Backup with Surface Mount Kit - 1400 Lumens
	50L	50W 5000 Lumens - 100 LPW						

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

SURFACE MOUNT KITS

For installing CR Series troffers onto hard ceiling, where above-ceiling installation isn't possible. SMK kits come in a standard white color.

SMK-CR24   **SMK-CR14**   **SMK-CR22**
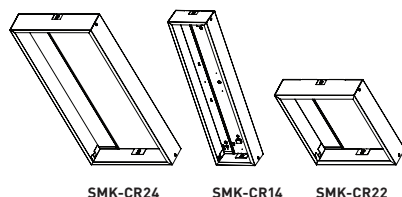
NOTE: Included in EB14SMK option.

DRYWALL GRID ADAPTORS

For installing CR Series troffers into drywall applications. DGA Kits come in a standard white color.
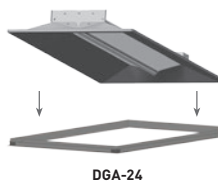
DGA-24

347V CONVERSION KIT

The 347V Conversion Kit allows a CR Series troffer or CR Series light engine to be converted to work with 347V installations.

CR-347V (347 Volt)

CR-347V-SD (Step Dimming to 50%)

EXPANDED SIZE JUNCTION BOX

To expand the size of the standard junction box on the CR Series troffers to allow for easier through wiring. Comes in standard five-packs.

EJBCR-5PK
NOTE: Use of Expanded Junction Box will expand the depth to 6.67" and Emergency Backup will expand the depth to 6.30".

CHICAGO PLENUM FIELD KITS

A field-installable kit to transform the CR Series troffers to be compliant with Chicago Plenum requirements.

CPLCR

CPLCR-EM (for use with EB14 option)

OTHER ACCESSORIES

PW-18/4-06-9T/SS-CR (Power Whip)

AC5-18/4-72-PD8-JB (Adjustable Cable)

AC5-72-PD8-JB (Adjustable Cable)

Dimensions
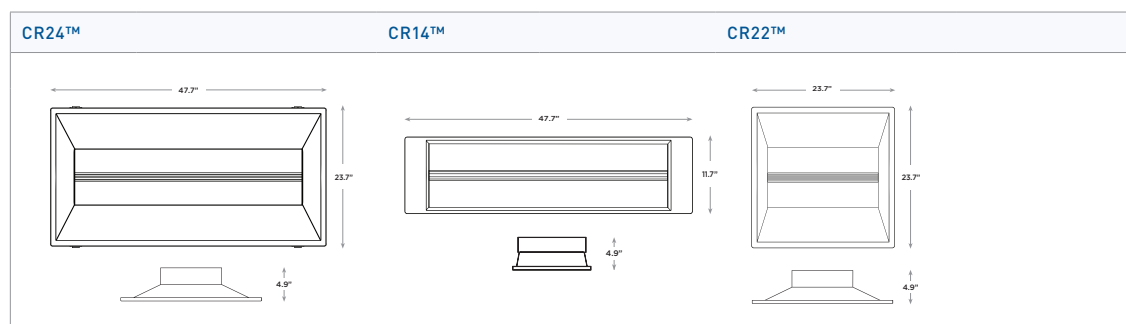
CR24™	CR14™	CR22™
47.7" / 23.7" / 4.9"	47.7" / 11.7" / 4.9"	23.7" / 23.7" / 4.9"

You May Also Be Interested In:

LS SERIES
Commercial-Grade Linear Solutions

CS SERIES LINEAR
Commercial Linear Solutions

KR SERIES DOWNLIGHTS
Effective, Efficient LED Downlights

CR Series Light Engines

CR-LE Long (1'x4')

CR-LE Short (1'x2')

Note: Use of Expanded Junction Box will expand the depth to 6.67" and Emergency Backup will expand the depth to 6.30".

UPGRADE FLUORESCENT TROFFERS TO LED WHILE DELIVERING THE SAME HIGH-QUALITY LIGHT AND ENERGY SAVINGS AS THE CR SERIES TROFFERS.

The CR Series Light Engine delivers up to 5000 lumens of exceptional 90+ CRI light with up to 130 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology with a unique thermal management approach. The CR-LE is available in neutral or cool color temperatures and has step or 0-10V dimming options. It's compact, lightweight design easily accommodates recessed, surface mount or suspended installations.

BENEFITS

- Significant energy savings
- Years of near-maintenance free service
- Superior color accuracy and consistency
- Easily designed into any space; a variety of lumens, color temperatures and control options

FEATURES

- Available with Cree TrueWhite® Technology
- Efficacy up to 130 LPW
- Active color management
- Room-side heat sink
- Standard 10-year limited warranty
- 50,000-hour rated (90 LPW - HD)
- 75,000-hour rated (100 LPW - Cree TrueWhite® Technology)
- 100,000-hour rated (Up to 130 LPW Cree TrueWhite® Technology High Efficacy)

APPLICATIONS

- Airport, corporate campus, healthcare, municipal, restaurant, healthcare, retail & grocery, school & university, government

CREE

CR Series Light Engines

Ordering Information

Example: CR-LE-20L-30K-S-HD

PRODUCT	LUMEN OUTPUT		COLOR TEMP.	VOLTAGE	CONTROL		OPTIONS	
CR-LE	**32L (1x2)**	32W 3200 Lumens - 100 LPW	**30K** 3000K	**Blank** 120-277V	**S** **10V**	Step Dimming to 50% 0-10V Dimming to 5%	**HD**	80 CRI (90 LPW) **32L** 35W 3200 Lumens - 90 LPW **40L** 44W 4000 Lumens - 90 LPW
	22L (1x4)	22W 2200 Lumens - 100 LPW	**35K** 3500K					
	40L (1x4)	40W 4000 Lumens - 100 LPW	**40K** 4000K				**EB14**	Emergency Backup - 1400 Lumens
	40L HE **(1x4)**	0.5W 4000 Lumens - 130 LPW (30K) 32W 4000 Lumens - 125 LPW (35K) 33W 4000 Lumens - 120 LPW (40K) 34.5W 4000 Lumens - 115 LPW (50K)	**50K** 5000K				**EB14SMK**	Emergency Backup with Surface Mount Kit - 1400 Lumens
	50L (1x4)	50W 5000 Lumens - 100 LPW						

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

SURFACE MOUNT KITS

For installing CR Series troffers onto hard ceilings, where above-ceiling installation isn't possible. Surface Mount Kits come in a standard white color.
SMK-LE-L[1]
Surface Mount Kit for CR Series 1'x4' Light Engines 2200, 4000 and 5000 Lumens
SMK-LE-S[1]
Surface Mount Kit for CR Series 1'x2' Light Engines 2000 and 3200 Lumens
SMK-LE-EC
End Caps (2 pack, **required for all SMK installations,** must be ordered separately)
SMK-LE-JP
Joiner Plate (optional for continuous row installation)

1. Included in EB14SMK option.

TROFFER UPGRADE KIT

The CR24™ Upkit is an accessory that converts any Cree® CR series light engine to a complete upgrade kit for existing 2'x4' fluorescent luminaires. It installs in most fluorescent troffers and parabolic troffers that have a minimum depth of 3 1/8". Test install prior to ordering project quantities. Not compatible with air handling troffers or EB14, EB14SMK options.
CR24-UPKIT-1PK - 1 Pack
CR24-UPKIT-4PK - 4 Pack

Upkit End Caps

Side Reflectors

CR-LE End Cap Assemblies

CR-LE
(sold separately)

347V CONVERSION KIT

The 347V Conversion Kit allows a CR Series troffer or CR Series light engine to be converted to work with 347V installations.
CR-347V (347 Volt)
CR-347V-SD (Step Dimming to 50%)

Note: Not compatible with SMK or Upkit.
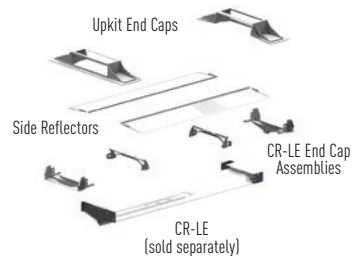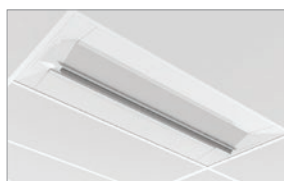
OTHER ACCESSORIES

Power Whip
PW-18/4-06-9T/SS-CR
Adjustable Cable
AC5-18/4-72-PD8-JB
Adjustable Cable
AC5-72-PD8-JB

LED UPGRADE SOLUTIONS

Cree® LED upgrade solutions give customers the ability to maintain the existing aesthetic of a fluorescent fixture, but take advantage of the greater energy efficiency and long lifespan of LED lights. The unique design features found in Cree® products facilitate a rapid and safe retrofit, allowing for an immediate payback.

UR Series 4' LED Upgrade Kit

p.50

- Minimum 80 CRI
- 2- or 3-lamp configurations
- CCT: 3500K or 4000K
- 4500 lumens
- Step level to 50%; 0-10V dimming to 5%

UR Series 2' LED Upgrade Kit

p.50

- Minimum 80 CRI
- 2- or 3-lamp configurations
- CCT: 3500K or 4000K
- 3600 lumens
- Step Level to 50% or 0-10V dimming to 5%

UR Series LED Retrofit Kit

UR2-48™

UR2-24™
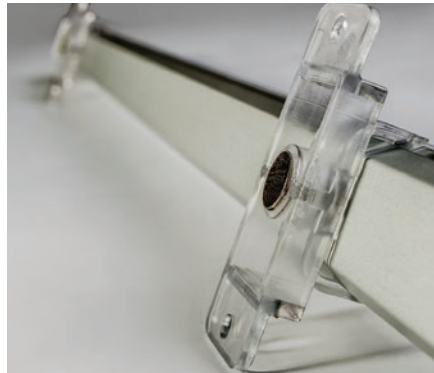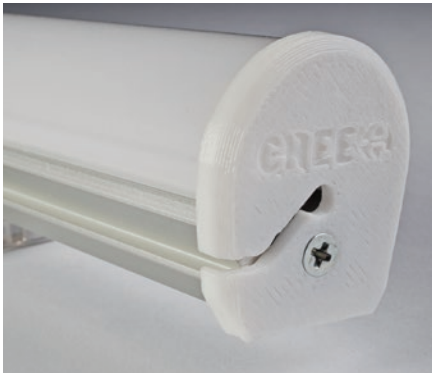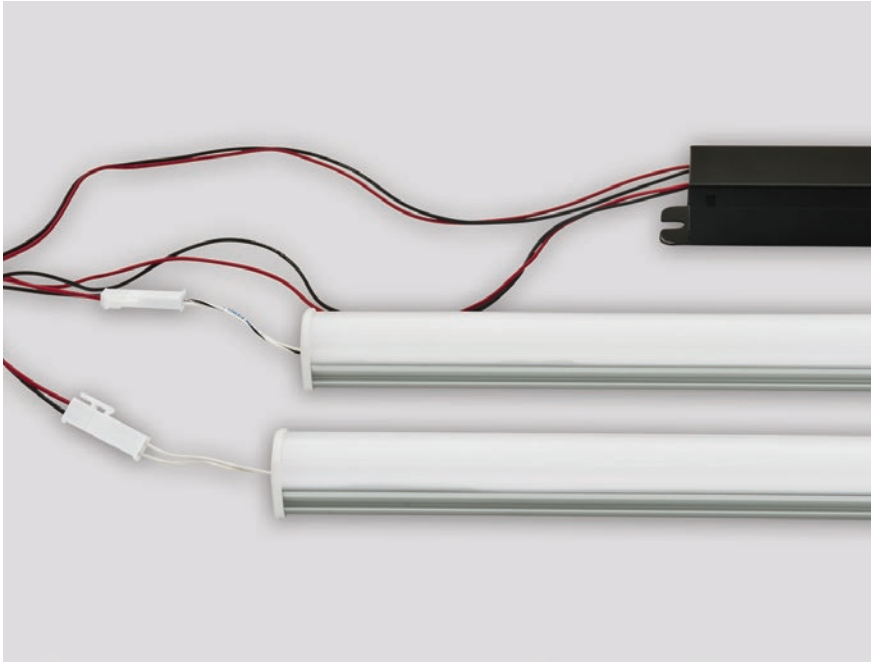
A BREAKTHROUGH IN DESIGN THAT ENABLES LED ADOPTION WITH IMPRESSIVELY FAST RETROFITTING OF T8/T12 BASED FLUORESCENT FIXTURES.

The UR Series LED Upgrade Kit delivers from 3600 to 4500 lumens of 80 CRI light while achieving up to 102 lumens per watt. The kit is available in 2' or 4' lengths equipped with an LED Driver, 2 or 3 lightbars and specially designed mounting hardware to expedite installation. The UR Series works with nearly all industry-standard 2' and 4' fixtures in various optical configurations: prismatic, parabolic, volumetric, surface wrap, etc. The energy-efficient UR Series delivers 50,000 hours of lighting for worry-free maintenance.

BENEFITS

- Non-disruptive, easy-installation
- Broad range of applications
- Significant energy savings
- Years of near-maintenance free service
- UL 1598C (retrofit) certified

FEATURES

- 80 CRI
- Efficacy up to 102 LPW at source level
- Step Level to 50% or 0-10V dimming to 5%
- 7 year limited warranty
- 50,000-hour rated life

APPLICATIONS

- Airport, corporate campus, healthcare, municipal, restaurant & hospitality, retail & grocery, school & university, government

CREE ✦

UR Series LED Retrofit Kit

Ordering Information – Lightbar (Driver must be ordered separately)

Example: UR-24-35K-FD-LB-2

SERIES	LENGTH		COLOR TEMP.	OPTIONS	LIGHTBAR	NUMBER OF LIGHTBARS	
UR	24" 48"		35K 3500K 40K 4000K	FD 80 CRI	LB Lightbar	2 3 6	2 Lightbar Kit 3 Lightbar Kit 6 Lightbar Bulk Pack

Ordering Information – Driver (Lightbar must be ordered separately)

Example: UR2-24-36L-10V-FD-DR

PRODUCT	LENGTH	LUMEN OUTPUT	VOLTAGE	CONTROL	OPTIONS	DRIVER	
UR2 2 Lightbar UR3 3 Lightbar	24" 48"	36L 36W, 3600 lumens - 100 LPW 45L 44W, 4500 lumens - 102 LPW	Blank 120-277 Volt (Standard) 34 347 Volt (Optional) - Available with 10V control option only	S Step dimming to 50% 10V 0-10V Dimming to 5%	FD	DR	Driver

Fully assembled kit is composed of two components that must be ordered separately. Example: Lightbar: UR 24 35K FD LB 2 + Driver: UR2 24 36L 10V FD DR

Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Included in Kit

UR2-24™ / UR3-24™
• 2' Lightbars • Mounting Clips • Self-Tapping Screws • LED Driver • Installation Instructions • UL1598C Certification Label

UR2-48™ / UR3-48™
• 4' Lightbars • Mounting Clips • Self-Tapping Screws • LED Driver • Installation Instructions • UL1598C Certification Label

You May Also Be Interested In:

CR-LE
Light Engine Kits to Match the CR Series Troffer

CS SERIES LINEAR
Commercial Linear Solutions

DR SERIES DOWNLIGHTS
Commercial-Grade Downlight Upgrade Solutions

LED SUSPENDED AMBIENT INDIRECT/DIRECT

Utilizing WaveMax™ Technology, the LN Series features an architectural, sleek design with an indirect/direct lighting system offering superior ceiling uniformity and up to 90% optical efficiency with 110 LPW at 90+ CRI. Boasting a modular light engine and optional integral SmartCast® Technology controls, design and installation are quicker and easier.

LN Series

- Utilizes Cree WaveMax™ Technology
- 110 LPW
- 90+ CRI
- CCT: 3500K or 4000K
- 3400 lumens (60% uplight, 40% downlight)
- Utilizes Cree TrueWhite® Technology
- Cree SmartCast® Technology or 0-10V continuous dimming to 5% (standard)

LN Series Suspended Ambient Indirect/Direct

LN4™

A SUSPENDED LUMINAIRE FOR THE MASSES

The LN Series features an architectural, sleek design with an indirect/direct lighting system that delivers superior ceiling uniformity and creates a comfortable visual environment. The LN4™ suspended ambient luminaire delivers up to 110 lumens per watt of Cree TrueWhite® Technology 90+ CRI illumination utilizing Cree Wavemax™ Technology and is available with up to 3400 lumens in both 3500K and 4000K color temperatures. The LN Series offers standard 0-10V dimming as well as the option for Cree Smartcast® Technology for even more energy-saving opportunities. With a modular light engine and integral SmartCast® Technology lighting controls to eliminate unnecessary parts, wiring and labor, design, ordering and installation are also drastically simpler and quicker.

BENEFITS

- Sleek and elegant architectural design
- More uniform ceiling and task illumination
- Highly efficient system with up to 90% optical efficiency and precise optical control
- Exceptionally low ceiling contrast ratio and excellent spacing between fixtures of 16+ feet
- Unique modular light engine and integral SmartCast® Technology controls simplify design and installation
- Up to 136 feet of continuous rows with one power feed
- 0-10V or SmartCast® Technology dimming control for increased energy savings

FEATURES

- Utilizes Cree TrueWhite® Technology and WaveMax™ Technology
- Efficacy: 110 LPW
- Delivered Light Output: 3400 lumens (60% uplight, 40% downlight)
- CRI: 90
- CCT: 3500K or 4000K
- Controls: Cree SmartCast® Technology or 0-10V continuous dimming to 5% (standard)

APPLICATIONS

- Grocery, industrial, education, office, retail

CREE ◆

LN Series Suspended Ambient Indirect/Direct

Ordering Information

Example: LN4-34L-35K-10V

PRODUCT	LUMEN OUTPUT		COLOR TEMP.	VOLTAGE	CONTROL	
LN4™	34L	31W 3400 Lumens - 110 LPW	35K 3500K 40K 4000K	Blank 120-277V	10V CMA	0-10V dimming to 5% Cree SmartCast® Technology - Controls ready with integral motion and ambient sensors

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

LN4™

48.8" (1240mm)

11.7" (298mm)

2.7" (69mm)
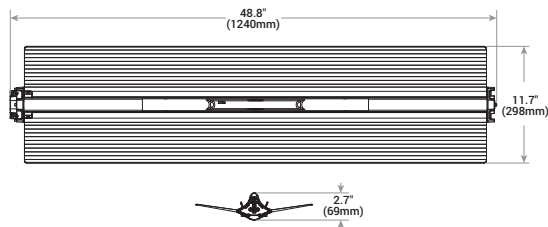
Accessory Information

FIELD-INSTALLED

Mounting Hardware
LN-EC
- Set of End Caps, one with power feed, one without (one needed per power feed)
LN-CK-5-AC
- Canopy Kit with Aircraft Cable and Power Feed
LN-CK-0-AC
- Canopy Kit with Aircraft Cable, no Power Feed

Emergency Options
Inverter
ELI-125W (powers up to 4 luminaires)
- Emergency 125W inverter (Ceiling Installation)

Generator
EL-SR-120
- Emergency Relay, 120V
EL-SR-277
- Emergency Relay, 277V

Luminaires w/Cree SmartCast® Technology
Cree SmartCast® Technology Configuration Tool
CCT-CWC-1
- One required per project when CMA control is selected

Cree SmartCast® Technology Face Plates
CFP-1-WH
- Matching Cree face plate, 1-gang, white
CFP-2-WH
- Matching Cree face plate, 2-gang, white
CFP-3-WH
- Matching Cree face plate, 3-gang, white

Cree SmartCast® Technology Wireless Dimmer
CWD-CWC-WH

Cree SmartCast® Technology Wireless Switch
CWS-CWC-WH

You May Also Be Interested In:
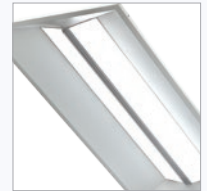
CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

LR SERIES DOWNLIGHTS
Commercial-Upgrade Downlight Solutions

IG SERIES
LED Parking Garage Luminaire

LED SURFACE AMBIENT

Cree® surface ambient luminaires deliver improved illumination performance compared to outdated fluorescent fixtures and are designed for easy installation, saving time and money.

LS Series

- 90+ CRI CCT: 3500K, 4000K and 5000K
- 4' and 8' sizes
- 2500-5000 lumens and 8000-10,000 lumens
- Cree TrueWhite® Technology

WS Series

- Minimum 80 CRI
- CCT: 3500K, 4000K, 5000K or 5700K
- 4700, 5000, 5900 or 6300 lumens
- 0-10V dimming to 5% (standard)

LED SURFACE AMBIENT

LS Series Surface Ambient

GRACEFUL DESIGN. STRIKING VERSATILITY.

Powered by Cree TrueWhite® Technology, the Cree® LS Series LED linear luminaires deliver 90+ CRI illumination and 90+ lumens per watt. Designed in a slim architectural form factor, and available in 4' and 8' lengths, the LS Series offers lumen packages of 2,500, 4,000, 5,000, 8,000 and 10,000 lumens. Flexible mounting allows for individual mount or continuous row applications for surface and suspended mount and cove installations. Optional reflectors add a streamlined appearance, enhancing the LS Series design.

BENEFITS

- Delivered lumens up to 5000 for 4 foot and up to 10,000 for 8 foot
- Exceptional light quality
- Precise optical control
- Constructed of durable 22 gauge steel
- Reflector options allow for multiple design aesthetics

FEATURES

- 90 CRI
- Cree TrueWhite® Technology
- Acrylic lens delivers a low-glare, diffused light distribution
- Surface or suspended mount
- Efficacy up to 100 LPW
- Standard 10-year limited warranty

APPLICATIONS

- Grocery, industrial, education, office, retail

LS4

LS4
Solid Reflector

LS4
Reflector with Apertures

CREE◆

LS Series Surface Ambient

Ordering Information

Example: LS4-40L-35K-10V

PRODUCT	LUMEN OUTPUT		COLOR TEMP.		VOLTAGE		CONTROL		OPTIONS	
LS4	25L 40L 50L	23W, 2500 lumens - 109 LPW 44W, 4000 lumens - 90 LPW (120-277) 47W, 4000 lumens - 85 LPW (347V) 50W, 5000 lumens - 100 LPW	35K 40K 50K	3500K 4000K 5000K	Blank 34	120-277 Volt 347 Volts -Available with 40L only	10V*	0-10V dimming to 5%	EB14	Emergency Backup - Minimum 90 minutes - 1400 lumens - 120-277V only - Available in US only
LS8	80L 100L	88W, 8000 lumens - 91 LPW (120-277V) 90W, 8000 lumens - 89 LPW (347V) 100W, 10000 lumens - 100 LPW	35K 40K 50K	3500K 4000K 5000K	Blank 34	120-277 Volt 347 Volts -Available with 40L only	10V*	0-10V dimming to 5%	EB14	Emergency Backup - Minimum 90 minutes - 1400 lumens - 120-277V only - Available in US only

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details. Reference www.cree.com/Lighting/Products/Indoor/Surface-Ambient/LS-Series for recommended wiring dimming controls and wiring diagrams.

Accessory Information

FIELD-INSTALLED

Reflectors
LS4-SR - 4 foot; solid reflectors (pair)
LS4-AR - 4 foot; apertured reflectors (pair)
LS8-SR - 8 foot; solid reflectors (pair)
LS8-AR - 8 foot; apertured reflectors (pair)

Joint Aligner
LS-RJ - Top housing aligner for continous rows
LS-RFLJ - Reflector aligner for continous rows

Adjustable Cable Support Kits for T-Bar Applications
AC5-48-Q14B-TB
- Includes 5.0" (127mm) Canopy, 48.0" (1219mm) Adjustable Cable, Q14B Gripper and T-Bar Clip

Adjustable Cable Support Kits w/ Power Feeds
AC5-12/3-48-Q14B-JB
- Non-dimming applications
- Includes 5.0" (127mm) Cable Canopy, 48" (1219mm) #12/3 SJT Cord, Q14B Gripper and J-Box Strap

AC5-18/5-48-Q14B-JB
- Dimming applications
- Includes 5.0" (127mm) Cable Canopy, 48.0" (1219mm) #18/5 SJT Cord, Q14B Gripper and J-Box Strap

AC5-18/2-48-Q14B-JB
- For use with AC5-12/3-48-Q14B-JB for selective luminaire dimming control in row mounted luminaires
- Includes 5.0" (127mm) Cable Canopy, 48.0" (1219mm) #18/2 SVT Cord, Q14B Gripper and J-Box Strap

Continuous Row Through Wiring Kit
LS4TWK
- Includes (3) #12AWG 54.0" (1372mm) Wires for Line (black), Neutral (white), Ground (green), (2) #18AWG 54.0" (1372mm) Wires for 0–10V dimming (purple, gray) and (10) Wire Nuts

LS8TWK
- Includes (3) #12AWG 102.0" (2591mm) Wires for Line (black), Neutral (white), Ground (green), (2) #18AWG 102.0" (2591mm) Wires for 0–10V dimming (purple, gray) and (10) Wire Nuts

Dimensions

LS8 / LS4

Solid Reflector

Reflector with Apertures

You May Also Be Interested In:

ZR SERIES TROFFERS
High-Efficiency, Affordable Troffers

LR SERIES TROFFERS
LED Architectural Troffers

CXB SERIES
LED High-Bay Luminaire
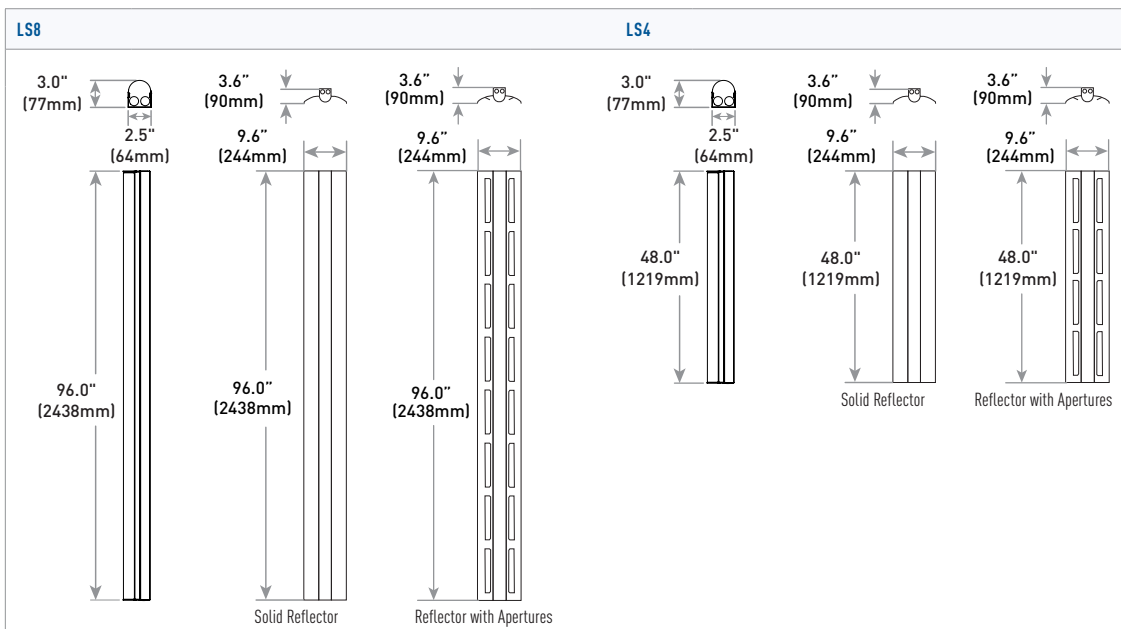
WS Series

DURABLE AND ROBUST – IDEAL FOR ENVIRONMENTALLY-DEMANDING LOCATIONS.

Constructed of one-piece molded, rugged and durable fiberglass reinforced polyester and UV stabilized impact-resistant diffused acrylic shielding, Cree WS Series meets the IP65 mechanical requirements to enable wet location installations providing protection from external elements. WS Series is ideal for low to medium mounting heights and is suitable for operating temperatures ranging from -25°C to 35°C, allowing for cold or hot weather climate installations—both new construction and upgrade applications.

BENEFITS

- Wet location listed
- Delivered lumens up to 6300
- Excellent illumination with no hot spots
- Simple, secure and durable design
- Robust construction

FEATURES

- IP65 rated
- Ceiling or wall mounting
- Efficacy up to 100 LPW
- Standard 10-year limited warranty
- 100,000-hour rated life at 25°C
- Made in the USA of U.S. and imported parts

APPLICATIONS

- Airport, Auto Dealership, Education, Government, Healthcare, Industrial & Warehouse, Municipal,Petroleum & Convenience Stores, Recreation & Public Venues, Restaurants & Hospitality, Retail & Grocery

WS4™

CREE ⇕

WS Series

Ordering Information

Example: WS4-59L-35K-10V-FD

PRODUCT	LUMEN OUTPUT		COLOR TEMP.		VOLTAGE		DIMMING		COLOR/CRI	
WS4	47L	49.4W 4600 lumens - 93.1 LPW (35K) 49.4W 4700 lumens - 95.1 LPW (40K)	35K	3500K	Blank	120/277 VAC	10V	0-10V dimming to 5% (standard)	FD	CRI 80 (standard)
			40K	4000K						
	50L	50W 5000 lumens - 100 LPW (50K) 50.4W 4900 lumens - 97.2 LPW (57K)	50K	5000K						
			57K	5700K						
	59L	62.8W 5800 lumens - 92.4 LPW (35K) 62.8W 5900 lumens - 93.9 LPW (40K)								
	63L	63.7W 6200 lumens - 97.3 LPW (50K) 63.7W 6300 lumens - 98.6 LPW (57K)								

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

FIELD-INSTALLED	
Tamper Proof Kit WS4TPK Includes 4 tamper proof screws and bit **Tamper Proof Kit for Stainless Steel Latches** WSSSL4TPK Includes 4 tamper proof screws and bit	**Mounting Bracket Kit** WS4MBK Includes 2 stainless steel surface mount brackets **Cable Suspension Kit** WS4CSK Includes 2 stainless steel brackets and 2-5' (1.5m) aircraft cables

Dimensions

WS4™
51.8   4.3   6.8
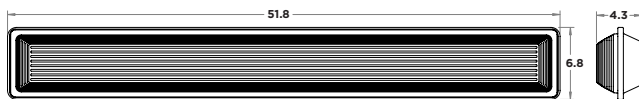
You May Also Be Interested In:

IG SERIES
LED Parking Garage Luminaire

CXB SERIES
LED High-Bay Luminaire

LS SERIES
LED Suspended Ambient Solutions

LED HIGH-BAY/LOW-BAY

Cree® interior high-bay and low-bay lighting is the ideal source for energy-efficient, low-maintenance illumination in large spaces. Cree high-bay and low-bay luminaires bring new levels of performance, technical innovation and contemporary design to commercial and industrial spaces.

CXB Series

- Minimum 80 CRI
- 113 LPW
- CCT: 4000K, 5000K
- 18,000 and 24,000 lumens

Cree Edge™ Series High Output

- 70 CRI (4000K & 5700K); 90 CRI (5000K)
- CCT: 5700K (+/- 500K) Standard, 5000K (+/- 300K), 4000K (+/- 300K)
- Lumen packages available up to 75,000 lumens
- Utilizes BetaLED® Technology
- Utilizes Cree TrueWhite® Technology on 5000K luminaires
- 0-10V dimming to 5%

CS Series

- Minimum 90 CRI
- CCT: 3500K or 4000K
- Lumen packages available from 2200 to 8000 lumens
- Utilizes Cree TrueWhite® Technology
- Available with Cree SmartCast® Technology to 10% or 0-10V dimming to 5%

304 Series™

- Minimum 70 CRI
- CCT: 4000K or 5700K
- Utilizes BetaLED® Technology
- UL wet listed
- Multi-Level options
- IC rated and non-IC rated available
- Modular, low-profile design

Cree Edge™ Series

- Minimum 70 CRI
- CCT: 4000K or 5700K
- Utilizes BetaLED® Technology
- UL damp listed
- Two-Level options
- Modular, low-profile design

Cree CXB Series High-Bay
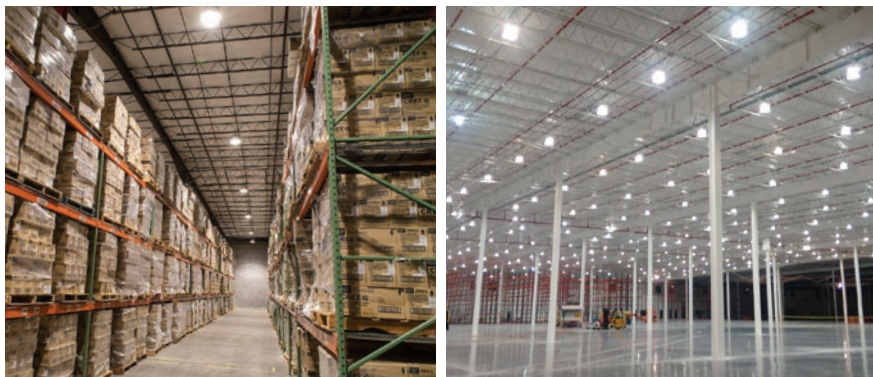
CXB Series High-Bay Luminaire with Conical Bottom Lens

DELIVERING THE HIGHEST LUMENS PER DOLLAR AMONG COMPETING LED HIGH-BAY FIXTURES.

The CXB Series LED Low-Bay/High-Bay luminaire delivers 18,000 median and 24,000 median lumens with illumination performance to allow one-for-one replacement of 250W and 400W HID luminaires and multi-lamp fluorescent low-bay and high-bay fixtures. With exceptional rated lifetimes, zero restrike time and a compact lightweight construction, the CXB Series is a direct replacement for incumbent HID and fluorescent light sources that provides additional benefits of energy savings and significantly reduced relamp maintenance costs.

BENEFITS

- Low-profile, lightweight design
- One-for-one replacement of 250W MH, 400W MH & multi-lamp fluorescent high-bay fixtures
- Flexible mounting choices

FEATURES

- 18,000 and 24,000 lumens
- 80 CRI
- 100+ LPW
- CCT: 4000K, 5000K
- DLC qualified
- Multi-level option

APPLICATIONS

- Interior high-bay & low-bay, auto dealership, education, municipal, retail & grocery, industrial & warehouse

CREE

Cree CXB Series High-Bay

Ordering Information

Example: **Reflector**: CXBA16N + **Light Engine**: CXB-A-HC-H-40K-8-UL-10V-L715P

REFLECTOR

CXBA16N
- 16" (406mm) Aluminum
- WG-A accessory recommended for use in gymnasium applications

CXBP16
- 16" (406mm) Clear Acrylic
- Acrylic reflector is not impact resistant nor intended for use unprotected in a gymnasium

CXBW16
- 16" (406mm) White Acrylic
- Acrylic reflector is not impact resistant nor intended for use unprotected in a gymnasium

PRODUCT	VERSION	MOUNTING	LUMEN OUTPUT	COLOR TEMP	CRI	VOLTAGE	CONTROLS	FACTORY-INSTALLED NEMA® PLUG	
CXB	A	**HC** Hook and Cord Mount **JP** J-Box or Pendant Mount	**M** 160W, 18,000 Median Lumens - 113 LPW **H** 240W, 24,000 Median Lumens - 100 LPW	**40K** 4000K **50K** 5000K	**8** 80 CRI	**UL** 120-277V **UH** 347-480V	**10V** 0-10V Dimming **ML** Multi-Level	**515P** 15 amp 120V Straight Blade Plug **L515P** 15 amp 120V Twist Lock Plug **L615P** 15 amp 240V Twist Lock Plug	**L715P** 15 amp 277V Twist Lock Plug **L2420P** 20 amp 347V Twist Lock Plug **L820P** 20 amp 480V Twist Lock Plug

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

LIGHT ENGINE

Galvanized Safety Cables
SC-5 - 5.0' (1.5m) Cable
SC-10 - 10.0' (3.0m) Cable

REFLECTOR

Wire Guards
WG-A - 16" (406mm) Wire Guard for Aluminum Reflector
WG-AP - 16" (406mm) Wire Guard for Acrylic Reflector

Lenses
DL16 - 16" (406mm) Acrylic Clear Prismatic Drop Lens for Acrylic Reflector
CL16 - 16" (406mm) Acrylic Clear Conical Bottom Lens for Acrylic Reflector

15.9" (404mm)
3.5" (90mm)
9.6" (244mm)

1.5" (38mm)
1.5" (38mm)
16.0" (406mm)
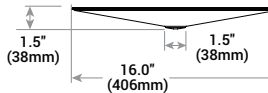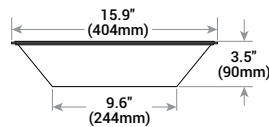
Dimensions

CXB SERIES HIGH-BAY

21.2" (537mm)
17.8" (452mm)

14.4" (365mm)
"A"
16.6" (422mm)

REFLECTOR	"A" HEIGHT
CXBA16N (Aluminum)	9.0" (229mm)
CXBP16 (Clear Prismatic)	8.5" (216mm)
CXBW16 (White Acrylic)	8.5" (216mm)
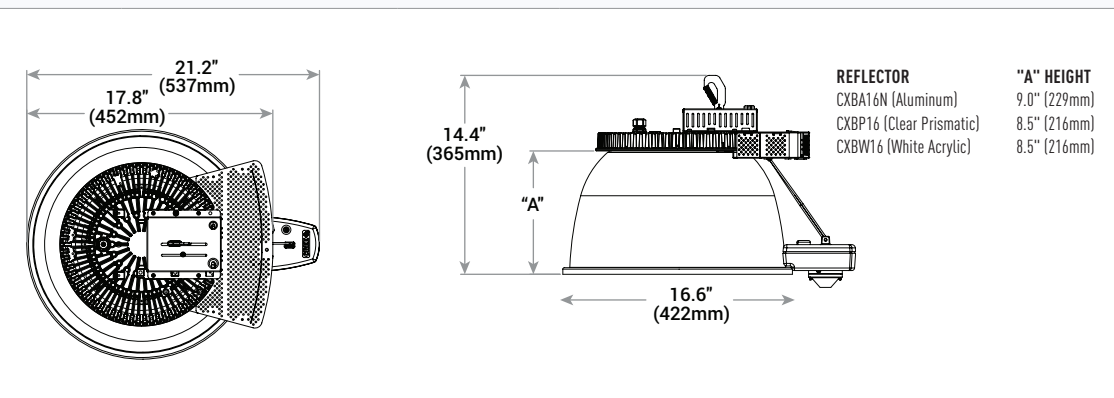
You May Also Be Interested In:

LS SERIES
Commercial-Grade Linear Solutions

WS SERIES LINEAR
LED Surface Ambient Solutions

304 SERIES™ PARKING STRUCTURE
Parking Structure Lighting Solutions

Cree Edge™ Series High Output

LOW COST, HIGH OUTPUT ILLUMINATION.

The Cree Edge™ High Output High-Bay luminaire is designed to deliver high lumen packages with precise optical control. Upgrade-friendly unit features a slim, low-profile design. Luminaire mount options include direct surface mount, hook and cord mounting or pendant mount. Also available with Cree TrueWhite® Technology, the Cree Edge™ High Output High-Bay helps to beautifully render true colors and deliver value beyond energy savings.

BENEFITS

- Significant energy savings potential
- Ideal for high-bay applications
- Flexible LED configurations
- Multiple mounting options

FEATURES

- 70 CRI (4000K & 5700K); 90 CRI (5000K)
- CCT: 5700K (+/- 500K) Standard, 5000K (+/- 300K), 4000K (+/- 300K)
- Utilizes BetaLED® Technology
- Utilizes Cree TrueWhite® Technology on 5000K luminaires
- Patented NanoOptic® Product Technology
- Limited Warranty: 10 years on luminaire / 10 years on Colorfast DeltaGuard® finish

APPLICATIONS

- Industrial & warehouse

Cree Edge™ High Output

CREE

Cree Edge™ Series High Output

Ordering Information

Example: HBY-EHO-HH-DM-12-E-UL-SV-700

PRODUCT	OPTIC	MOUNTING	LED COUNT (X10)	SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
HBY-EHO	N6 NEMA 6 **HH** Hangar High-Bay **40** 40˚ Flood **70˚** 70˚ Flood	**DM** Direct Surface **HC** Hook & Cord **PD** Pendant	**12** **24**	E	**UL** Universal 120-277V **UH+** Universal 347-480V	**SV** Silver **BZ** Bronze **BK** Black **WH** White	**700** 700mA **1000** 1000mA	**40K** 4000K Color Temperature - Color temperature per fixture **50K** 5000K Color Temperature featuring Cree TrueWhite® Technology **DIM** 0-10V Dimming - Control by others - Refer to dimming spec sheet for details - Can't exceed specified drive current **F** Fuse - When code dictates fusing, use time delay fuse **ML** Multi-Level - Refer to CL spec sheet for details - Not available with 240 LEDs @ 1 Amp - Not available with V voltage - Intended for horizontal mounting only

Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Mounting Options

HOOK AND CORD (HC)	PENDANT (PD)	DIRECT (DM)

30"
(762mm)

27.9"
(709mm)

8.8"
(224mm)

6' Cord (1.8m)

8.6"
(218mm)

Accessory Information

FIELD-INSTALLED		
EHO-HC Hook & Cord Mount Kit	**EHO-PD1** Pendant 1-1/4" NPSM Mount Kit	**EHO-PD2** Pendant 1-1/2" NPSM Mount Kit

You May Also Be Interested In:

LS SERIES
Commercial-Grade Linear Solutions

CS SERIES LINEAR
Commercial-Grade Linear Solutions

304 SERIES™ PARKING STRUCTURE
Parking Structure Lighting Solutions

CS Series Linear

CS18™

CS14™

DELIVERS HIGHER CRI, BETTER ENERGY SAVINGS, LONGER LIFE AND BROADER COLOR RENDERING THAN TRADITIONAL FLUORESCENT LAMPS.

The CS Series LED linear luminaire uses a highly-efficient optical design approach that integrates an upward-facing LED light strip with Cree TrueWhite® Technology and an ultra-lightweight upper reflector featuring Cree MicroMixing™ Optics. Cree MicroMixing™ Optics are formed with tiny impressions on the highly-reflective polymer material. Combined, these individual optics form a complex multi-faceted pattern that blends and redirects the light into space with precise control and color-mixing. Other additions to the advanced optics are the intelligent design and inherent features of the CS Series LED linear luminaire. The housing and reflectors are constructed of high-strength, lightweight polymers resulting in a durable and lightweight design. The multi-functional heat sink is designed to maximize cooling effectiveness by allowing free air movement around and through the luminaire. This breakthrough design enables the LEDs to consistently run cooler, providing significant boosts to lifetime, efficacy and color consistency. The heat sink also doubles as a channel for through wiring which simplifies installation, making continuous row illumination quick and easy.

BENEFITS

- Delivered lumens up to 8000
- Unmatched lightweight design
- Tool-less electrical access
- Cree SmartCast® Technology to 10% or standard dimming to 5%

FEATURES

- 90 CRI
- Cree MicroMixing™ Technology
- Active color management
- Efficacy up to 115 LPW
- Made in the U.S.A. of U.S. and imported parts
- Standard 10-year limited warranty
- 50,000-hour rated life (100-LPW units); 75,000-hour rated life (115-LPW units)

APPLICATIONS

- Retail, education, office, warehouse, light industrial, low-bay lighting

CREE✜

CS Series Linear

Ordering Information

Example: CS18-80L HE-35K-10V

PRODUCT	LUMEN OUTPUT		COLOR TEMP.		VOLTAGE		CONTROL	
CS14 1x4 Linear	**22L** **38L** **40LHE**	2200 Lumens - 100 LPW 3800 Lumens - 100 LPW 4000 Lumens - 115 LPW	**35K** **40K**	3500K 4000K	**Blank**	120-277V	**10V** **CMA****	0-10V Dimming Controls ready with integral motion and ambient sensors. Compatible with CM-CWC-1 ((Cree SmartCast® Technology wireless control module (factory installed))
CS18 1x8 Linear	**44L** **75L** **80LHE**	4400 Lumens - 100 LPW 7500 Lumens - 100 LPW 8000 Lumens - 115 LPW	**35K** **40K**	3500K 4000K	**Blank**	120-277V	**10V** **CMA****	0-10V Dimming Controls ready with integral motion and ambient sensors. Compatible with CM-CWC-1 ((Cree SmartCast® Technology wireless control module (factory installed))

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
**CMA not available with 22L or 44L lumen packages

Accessory Information

FIELD-INSTALLED

Adjustable Power Feed with Cable Support Canopy Kits
AC5-12/3-48-Q14B-JB
48" Power Feed, #12/3 SJT Cord with Cable Support for J-Box
AC5-18/5-48-Q14B-JB
48" Power Feed, #18/5 SJT Cord with Cable Support for J-Box
AC5-18/2-48-Q14B-JB
48" Power Feed, #18/2 SJT Cord with Cable Support for J-Box

Cable Support Kits
AC5-48-Q14B-TB
48" Cable Support for T-bar mount
AC2-48-Q14B-TB
Adjustable Cable Support Kits
AC-144-Q14B-LP
Adjustable Loop Cable Kits

Adjustable Power Feed Canopy Cable Kits
PC5-12/3-24-JB
24" Power Feed, #12/3 SJT Cord, J-Box Mount
PC5-18/5-24-JB
24" Power Feed, #18/5 SJT Cord, J-Box Mount
PC5-18/2-24-JB
24" Power Feed, #18/2 SJT Cord, J-Box Mount

Metal Tong Hanger (Pair)
TMM - Recommended for surface mount

SmartCast Control Module
CM-CWC-1 - See spec sheet

Dimensions

CS18™ LINEAR LUMINAIRE	CS14™ LINEAR LUMINAIRE

You May Also Be Interested In:

ZR SERIES TROFFERS
High-Efficiency, Affordable Troffers

LS SERIES
Commercial-Grade Linear Solutions

CXB SERIES
LED High-Bay Luminaire

304 Series™ Interior

304 Series™ Interior

ARE YOUR CANOPY LIGHTS SAVING YOU MONEY?

304 Series™ recessed canopy luminaires are available in both IC and non-IC versions and add significant value to such applications. Available in multiple optics, LED counts and power conditions, the 304 Series™ offers design flexibility to precisely meet varying illumination requirements with the potential to reduce energy and maintenance costs in the process. Non-recessed versions are also available for pendant-mount applications such as convenience stores and warehouses.

BENEFITS

- Significant energy savings potential
- Greatly reduced maintenance cycles
- High-quality, white light
- Controlled light distribution

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Multi-Level options
- IC rated and non-IC rated available
- Adjustable mounting brackets
- Modular, low-profile design

APPLICATIONS

- Interior high-bay & low-bay, school & university

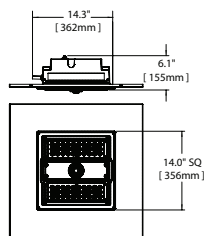**CREE◆**

304 Series™ Interior

Ordering Information

Example: INT-304-PS-RM-04-D-UL-SV-700-40K

PRODUCT	FAMILY	OPTIC	MOUNTING	LED COUNT	SERIES	VOLTAGE	COLOR	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
INT	304	**PS** Petroleum Symmetric **SL** Sparkle Petroleum **5M** Type 5 Medium **5S** Type 5 Short **40** 40 Degree Optic	**RM** Recessed **RM-IC** Recessed IC	**04** **06**	**D**	**UL** Universal 120-277V **12** 120 **27** 277V	**SV** Silver **BZ** Bronze **BK** Black **WH** White	**700** **525** **350**	**40K** 4000K CCT **DIM** 0-10V Dimming **F** Fuse **ML** Multi-Level (75/525)

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

304 SERIES™ INTERIOR

14.3" [362mm]
6.1" [155mm]
14.0" SQ [356mm]

You May Also Be Interested In:

LS SERIES
Commercial-Grade Linear Solutions

CS SERIES LINEAR
Commercial-Grade Linear Solutions

304 SERIES™ PARKING STRUCTURE
Parking Structure Lighting Solutions

CREE

Cree Edge™ Series Interior Round

Cree Edge™ Interior Round

BRING ENERGY AND MAINTENANCE SAVINGS TO YOUR INTERIOR SPACE.

Cree Edge™ interior round luminaires are ideal for illuminating retail and commercial applications. The pendant-mount and hook and cord-mount luminaires provide direct uniform illumination that enhances interior aisles and displays and delivers a safe, appealing atmosphere.

With a low-profile, modular design, this stylish luminaire provides improved illumination performance while reducing energy consumption.

BENEFITS

- Significant energy savings potential
- Greatly reduced maintenance cycles
- High-quality, white light
- Controlled light distribution

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL damp listed
- Adjustable mounting bracket
- Modular, low-profile design

APPLICATIONS

- Interior high-bay & low-bay, petroleum & convenience store, airport, restaurant & hospitality, retail & grocery

CREE ⬍

Cree Edge™ Series Interior Round

Ordering Information
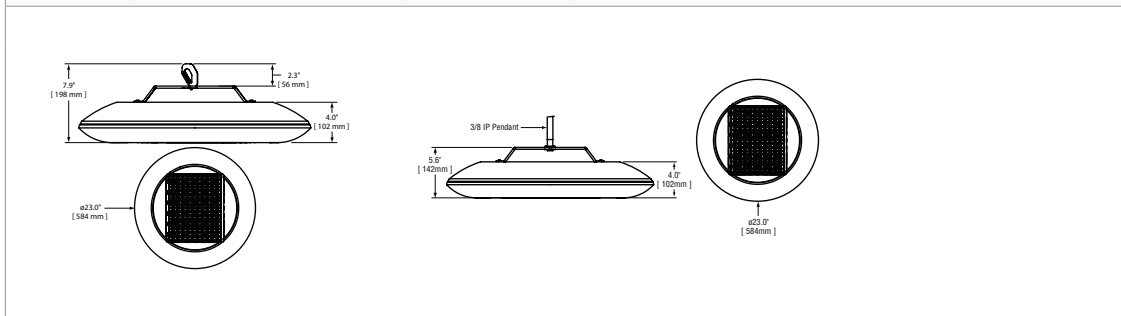
Example: INT-EDR-PS-HC-04-D-UL-SV-700-40K

PRODUCT	FAMILY	OPTIC	MOUNTING	LED COUNT	SERIES	VOLTAGE	COLOR	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
INT	EDR	**PS** Petroleum Symmetric **40** 40 Degree Optic	**HC** Hook and Cord Mount **PD** Pendant Mount	04 06 08 10 12	D	**UL** Universal 120-277V **12** **27** 277V **UH** Universal 347V-480V **34** **48**	**SV** Silver **BZ** Bronze **BK** Black **WH** White	**700** 700mA **525** 525mA **350** 350mA	**40K** 4000K CCT **DIM** 0-10V Dimming **HL** High/Low (75/525)

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Mounting Options

HOOK AND CORD (HC)	PENDANT (PD)
2.3" [56 mm] 7.9" [198 mm] 4.0" [102 mm] ⌀23.0" [584 mm]	3/8 IP Pendant 5.6" [142mm] 4.0" [102mm] ⌀23.0" [584mm]

You May Also Be Interested In:

CREE EDGE™ AREA ROUND
Outdoor Architectural-Grade Area Lighting

CS SERIES LINEAR
Commercial-Grade Linear Solutions

CREE EDGE™ CANOPY
Outdoor Canopy and Soffit Solutions

LED LAMPS

Cree® LED lamps deliver an unrivaled combination of superior color accuracy and industry-leading efficacy, energy efficiency and longevity. Cree® lamps powered by Cree TrueWhite® Technology offer 90+ CRI and exceptional efficacy, providing high-quality lighting that is both crisp and warm – creating an inviting atmosphere to impress guests and drawing out the naturally vibrant colors of food and merchandise to enhance their appeal, all while delivering operational savings directly to the bottom line.

LBR Series

p.76

- 60 watt BR30 equivalent
- 12 watts
- 94 CRI at 2700K
- Utilizes Cree TrueWhite® Technology
- 25° or 50° beam angles
- Dimmable to 20% with ELV dimmers

LRP-10L Series

p.78

- 90 watt PAR38 equivalent
- 13.5 watts
- 92 CRI at 2700K or 3000K
- Utilizes Cree TrueWhite® Technology
- 12° or 25° beam angles
- Dimmable to 20% with ELV dimmers

MR16 Series

p.80

- 50W MR16 equivalent
- 8.7 watts
- >90 CRI at 3000K
- 15°, 25° or 40° beam angles
- Dimmable to 5% with select dimmers and transformers

A19 Series

p.82

- 75 watt, 60 watt and 40 watt equivalent
- A19 watts: 6, 11 or 13.5
- A19P 4Flow™ watts: 6 or 11
- 80 CRI at 2700K or 5000K
- Dimmable with most standard dimmers

A21 Series

p.84

- 100 watt & 3-WAY equivalent
- 18 watts
- 80 CRI at 2700K or 5000K
- Dimmable with most standard dimmers

A21 3-Way Series

p.86

- 30/60/100 watt equivalent
- 320/820/1620 lumens
- 3/8/18 watts
- 80 CRI
- 2700K
- For use in three-way fixtures (non-dimmable)

BR Series

p.88

- 65 watt equivalent
- 9.5 watts
- 80 CRI at 2700K and 5000K
- Dimmable with most standard dimmers

PAR38 Series

p.90

- 90W equivalent
- 18 watts
- 82 CRI at 2700K or 3000K
- 27° or 47° beam angles
- Dimmable with select dimmers and transformers

T8 Series

p.92

- Replaces 25 watt to 32 watt T8 fluorescent lamps
- As low as 16.5 lamp watts
- >90 CRI at 3500K or 4000K
- Compatible with multiple fluorescent T8 electronic ballasts

LBR Series Lamps

LBR-30™

BEST-IN-CLASS PERFORMANCE AND BEAUTY FOR A TRUE NO-COMPROMISE RETAIL AND ACCENT LIGHTING SOLUTION.

The LBR-30™ LED BR30 lamp delivers 600 lumens of exceptional 94 CRI light while achieving 50 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology. The LBR-30™ lamp is available in a warm color temperature of 2700K, is offered in 25-degree and 50-degree beam angles, and is available in both Edison and GU24 bases. The LBR-30™ BR30 LED lamp delivers higher CRI, better energy savings, longer life and broader color rendering than traditional 65-watt BR30 halogen lamps.

BENEFITS

- ENERGY STAR® qualified to last at least 25,000 hours
- 50,000-hour lifetime design in open fixtures
- 35,000-hour lifetime design in non-IC recessed downlights
- California Title 24 compliant (GU24 base)

FEATURES

- Utilizes Cree TrueWhite® Technology
- Active color management
- 1940 CBCP (25°); 785 CBCP (50°)
- Dimmable to 20% with ELV dimmers
- Suitable for damp locations
- Standard 3-year limited warranty

APPLICATIONS

- Accent, track and downlighting ideal for retail, grocery, restaurant, museum and commercial applications

CREE

LBR Series Lamps

Ordering Information

Example: LBR30A92-50D-GU24

PRODUCT	BEAM ANGLE	BASE TYPE
LBR30A92	**25D** 25° Flood **50D** 50° Wide Flood	**Blank** Edison Base **GU24** GU24 Base

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

LBR-30™
5.5" Ø 4.25"
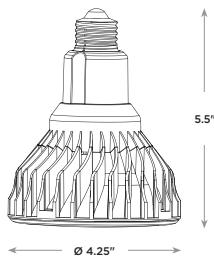
You May Also Be Interested In:

LR SERIES DOWNLIGHTS
Commercial-Upgrade Downlight Solutions

CR-LE
Light Engine Kits to Match the CR Series Troffer

MR16 SERIES LAMPS
Efficient Halogen Replacement

LRP-10L Series Lamps

HIGHER EFFICACY AND LONGER LIFE THAN CERAMIC METAL HALIDE WITH THE BEAUTIFUL LIGHT QUALITY THAT YOU WOULD EXPECT FROM HALOGEN.

The LRP38-10L high output LED PAR38 lamp delivers 950 (2700K) and 1000 (3000K) lumens of exceptional 92 CRI light while achieving 70 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology. The LRP38-10L is available in warm color temperatures of 2700K and 3000K, is offered in 12-degree and 25-degree beam angles, and is available in both Edison and GU24 bases. The LRP38-10L LED PAR38 lamp delivers higher CRI, better energy savings, longer life and broader color rendering than traditional 90-watt PAR38 halogen lamps.

BENEFITS

- ENERGY STAR® qualified
- 50,000-hour lifetime design in open fixtures
- 35,000-hour lifetime design in non-IC recessed downlights
- California Title 24 compliant (GU24 base)

FEATURES

- Utilizes Cree TrueWhite® Technology
- Active color management
- 13,220 CBCP (12°); 4000 CBCP (25°)
- Dimmable to 20% with ELV dimmers
- Suitable for damp locations
- Standard 3-year limited warranty

APPLICATIONS

- Accent, track and downlighting ideal for retail, grocery, restaurant, museum and commercial applications

LRP38-10L-12D

LRP38-10L-25D

CREE

LRP-10L Series Lamps

Ordering Information

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	BEAM ANGLE	BASE TYPE
LRP38	10L 1000 Lumens	27K 2700K 30K 3000K	12D 12° Spot 25D 25° Flood	Blank Edison Base GU24 GU24 Base

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

LRP38-10L

5″

Ø 4.64″
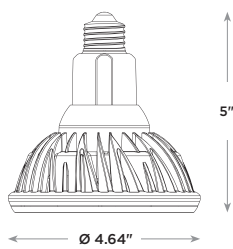
You May Also Be Interested In:

MR16 SERIES LAMPS
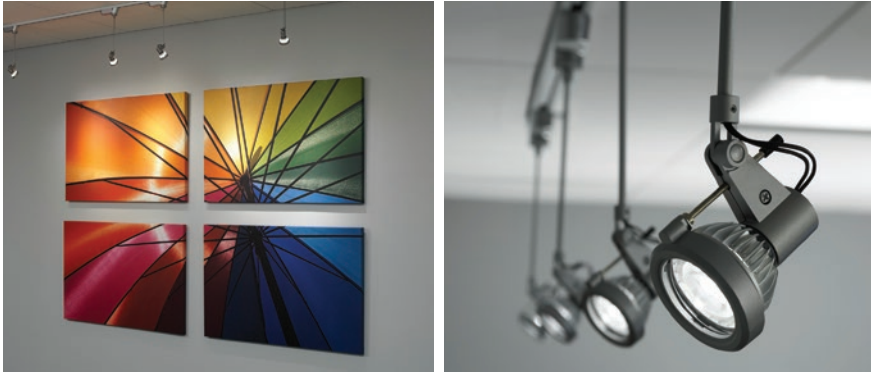Efficient Halogen Replacement

PAR38 SERIES LAMPS
PAR38 LED Lamp

LR SERIES DOWNLIGHTS
Commercial-Upgrade Downlight Solutions

MR16 Series Lamps

FINALLY, A TRUE LED 50W MR16 REPLACEMENT LAMP.

The Cree® MR16 Series TrueWhite® LED Lamp is a true 50W halogen MR16 equivalent that delivers up to 584 lumens of superior 90 CRI with R9 >50 color quality while achieving up to 67 lumens per watt. This MR16 boasts a slim design to allow universal form and fit into most global MR16 fixtures and is available in a variety of beam angles with a color temperature of 3000K. The Cree MR16 Series TrueWhite® LED Lamp's impressive combination of greater than 80% energy savings, significant maintenance savings and pending ENERGY STAR® qualification* makes it a perfect solution for track and accent lighting.

BENEFITS

- Smaller, "perfect" fit design for increased track head compatibility
- Up to 80% energy cost savings
- Payback in less than one year
- ENERGY STAR® qualified excluding the 540 lumens (15°) version

FEATURES

- Utilizes Cree TrueWhite® Technology
- Beam Angles: 15°, 25° and 40°
- >90 CRI
- Input Power: 8.7 watts (50W eq)
- 5% dimming
- Delivered Light Output: 540 lumens (15D), 580 lumens (25D), 584 lumens (40D)

APPLICATIONS

- Accent, track and downlighting ideal for retail, grocery, restaurant, museum and commercial applications

MR16

15° Spot

40° Wide Flood

25° Flood

CREE ✦

MR16 Series Lamps

Ordering Information

Example: MR16-50W-30K-25D

PRODUCT	WATT EQUIVALENT	COLOR TEMP.	BEAM ANGLE	BASE TYPE
MR16	**50** 50W (620 Lumens)	**30K** 3000K	**15D** 15° Spot **25D** 25° Flood **40D** 40° Wide Flood	Blank GU5.3 Base

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

MR16

1.95"
(49.5mm)

1.97"
(50.3mm)
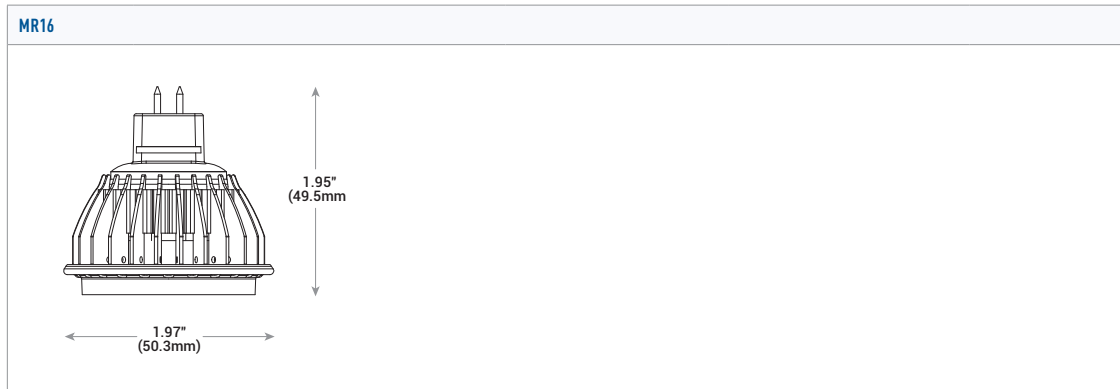
You May Also Be Interested In:

PAR38 SERIES LAMPS
PAR38 LED Lamp

LR SERIES DOWNLIGHTS
Commercial-Upgrade Downlight Solutions

LBR SERIES LAMPS
LED BR30 Lamp

A19 Series Lamps

A19

A19P

BRILLIANTLY DESIGNED, ENERGY-EFFICIENT, LONG-LASTING LED BULBS.

The Cree LED A19 bulb delivers up to 1100 lumens of warm 2700K light or cool 5000K light, while consuming up to 85% less energy than the incandescent bulbs they replace. These lamps feature a consistent and balanced omni-directional light, turn on instantly, and are compatible with most standard incandescent dimmers. Powered by Cree's LED Filament Tower™ Technology, the Cree LED A19 bulbs are ENERGY STAR® qualified and are designed to last 25,000 hours.

BENEFITS

- ENERGY STAR® qualified to last at least 25,000 hours
- Consumes up to 85% less energy
- Instant on and mercury free

FEATURES

- 80 CRI
- 75 watt equivalent (13.5W, 1100 lumens) at 2700K
- 75 watt equivalent (13.5W, 1100 lumens) at 5000K
- 60 watt equivalent (11W, 815 lumens) at 2700K and 5000K
- 40 watt equivalent (6W, 450 and 460 lumens) at 2700K and 5000K
- Dimmable with most standard dimmers
- Shatter resistant coating or robust shatter-proof plastic for safety
- 3-year limited warranty
- Suitable for damp locations
- CCT: 2700K, 5000K (40W, 60W and 75W equivalents only)

APPLICATIONS

- Hospitality, restaurant, healthcare and residential applications

CREE◈

A19 Series Lamps

Ordering Information

Example: A19P-60W-27K-B1

PRODUCT	WATT EQUIVALENT	COLOR TEMP.	VOLTAGE	BASE TYPE	OPTIONS	PACKAGING OPTIONS
A19P	**40** 40 W (450 Lumens) **60** 60W (800 Lumens)	**27K** 2700K **50K*** 5000K	**Blank** 120V	**Blank** E26 (Screw Base)	**Blank** 80 CRI	**B1** (8) Blister Pack Bulbs in Master Carton (Carded) (MC = 8) **WST** Wingstack - 60W Equivalent, 2700K only (Quantity 48)
A19	**75** 5W (1100 lumens)	*Not available on 40W types.				

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

A19	A19P

2.4"

4.4"

2.5"
(63mm)

4.4"
(112mm)

CREE
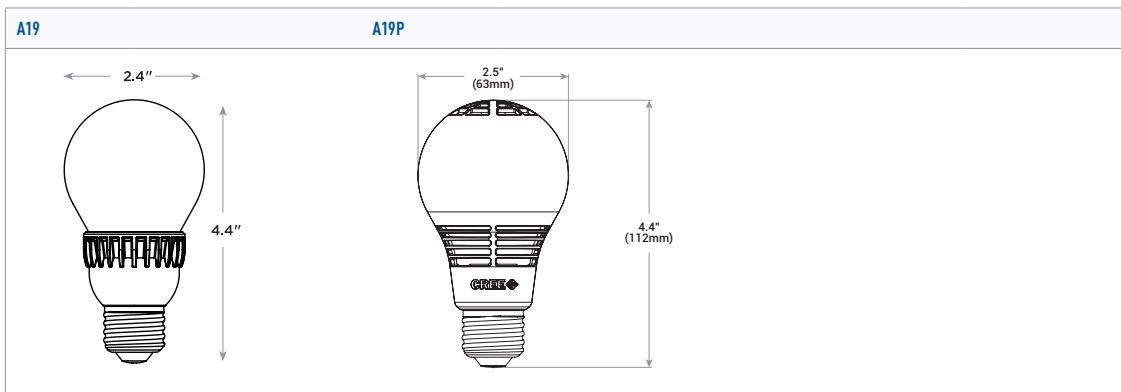
You May Also Be Interested In:

BR30 SERIES LAMPS
LED Flood Lamp

LR SERIES DOWNLIGHTS
Commercial-Upgrade Downlight Solutions

LBR SERIES LAMPS
LED BR30 Lamp

A21 Series Lamps

A21

A 100-WATT EQUIVALENT BULB THAT SIMPLY GLOWS WHILE SIPPING ENERGY.

The Cree® LED A21 bulbs deliver up to 1600 lumens of warm 2700K light or cool 5000K light, while consuming at least 82% less energy than the incandescent bulbs they replace. These lamps feature a consistent and balanced omnidirectional light source within a real glass bulb, turn on instantly, and are compatible with most standard incandescent dimmers. Powered by Cree® LED Filament Tower™ Technology, the Cree® LED A21 bulbs are designed to last 25,000 hours.

BENEFITS

- Innovative design provides omnidirectional light
- Consumes up to 82% less energy than an incandescent
- Long-lasting, ambient instant-on illumination
- Suitable for damp locations

FEATURES

- 80 CRI
- 18 watts (100 watt equivalent)
- 1600 lumens
- CCT: 2700K, 5000K
- Dimmable with most standard dimmers

APPLICATIONS

- Hospitality, restaurant, healthcare, government and residential applications
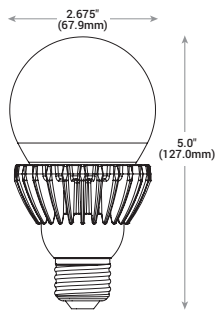
CREE

A21 Series Lamps

Ordering Information

Example: A21-100W-27K-B1

PRODUCT	WATT EQUIVALENT	COLOR TEMP.	VOLTAGE	BASE TYPE	OPTIONS	PACKAGING OPTIONS
A21	**100** 100W (1600 Lumens)	**27K** 2700K **50K*** 5000K	**Blank** 120V	**Blank** E26 (Screw Base)	**Blank** 80 CRI	**B1** (1) Single Blister Pack (MC = 5)

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

A21

2.675"
(67.9mm)

5.0"
(127.0mm)

You May Also Be Interested In:

BR30 SERIES LAMPS
LED Flood Lamp

LR SERIES DOWNLIGHTS
Commercial-Upgrade Downlight Solutions

LBR SERIES LAMPS
LED BR30 Lamp

A21 3-Way Series Lamps

A21 3-Way

THREE BEAUTIFUL LIGHTING OPTIONS FOR THE PRICE OF ONE.

The Cree± 3-Way LED bulb delivers three distinct levels of beautiful, warm 2700K incandescent-like light. The Cree 3-Way LED bulb looks and lights like a traditional 3-Way incandescent bulb, but uses up to 90% less energy and is designed to last 25 times longer. Delivering 320, 820, and 1620 lumens (30W/60W/100W replacement), each step of light output is distinct and visible to the naked eye. Plus, unlike traditional incandescent 3-Ways, you can use the Cree 3-Way LED bulb in any orientation.

BENEFITS

- Innovative design provides omnidirectional light
- Consumes up to 90% less energy than an incandescent
- Long-lasting, ambient instant-on illumination
- Suitable for damp locations
- Designed to last 25,000 hours

FEATURES

- 80 CRI
- 3/8/18 watts (30/60/100W eq)
- CCT: 2700K
- For use in three-way light fixtures (non-dimmable)

APPLICATIONS

- Hospitality, restaurant, healthcare and residential applications

CREE

A21 3-Way Series Lamps

Ordering Information

Example: A21-100W-3WY-27K-B1

PRODUCT	WATT EQUIVALENT	3-WAY	COLOR TEMP.	VOLTAGE	BASE TYPE	OPTIONS6	PACKAGING OPTIONS
A21	100 100W (1620 Lumens)	3WY 3-Way bulb (30/60/100W)	27K 2700K	Blank 120V	Blank E26 (Screw Base)	Blank 80 CRI	B1 (1) Single Blister Pack (MC = 5)

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

A21 3-WAY
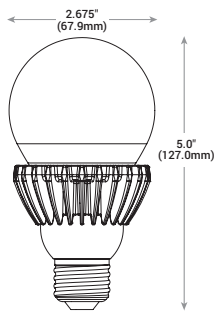
2.675"
(67.9mm)

5.0"
(127.0mm)

BR30 Series Lamps
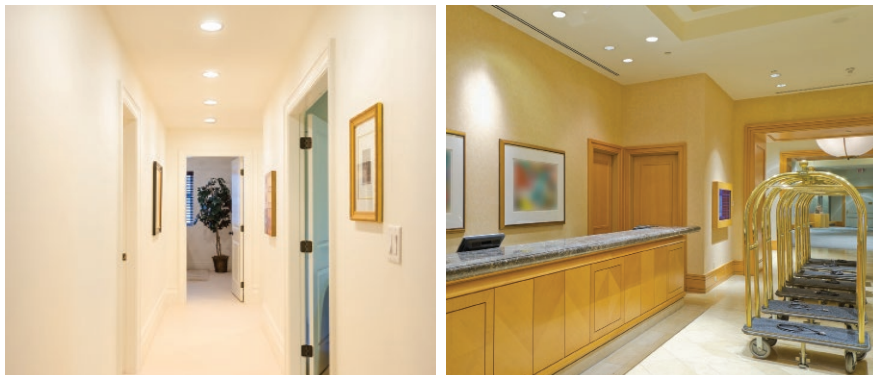
BR30

REMARKABLE COMBINATION OF HIGH-EFFICACY LED TECHNOLOGY AND INNOVATIVE BULB DESIGN DELIVERS THE LIGHT QUALITY YOU EXPECT FROM AN INCANDESCENT AND LASTS 25 TIMES LONGER.

The Cree LED BR30 flood light delivers 650 lumens of warm 2700K or cool 5000K light while consuming at least 85% less energy than the incandescent floods they replace. These lamps blend seamlessly into the ceiling and provide smooth, highly diffused light, and are perfectly designed for recessed cans or track lighting. The Cree LED BR30 flood lights are ENERGY STAR® qualified, dimmable, and designed to last 25,000 hours.

BENEFITS

- Softly diffused warm light
- ENERGY STAR® qualified to last 25,000 hours
- Consumes up to 85% less energy
- Instant on and mercury free

FEATURES

- 80 CRI
- 65 watt equivalent (9.5W, 650 lumens)
- Dimmable with most standard dimmers
- Shatter resistant coating for safety
- 3-year limited warranty
- Suitable for damp locations
- CCT: 2700K, 5000K

APPLICATIONS

- Commercial offices, hotels, restaurant, healthcare and residential applications
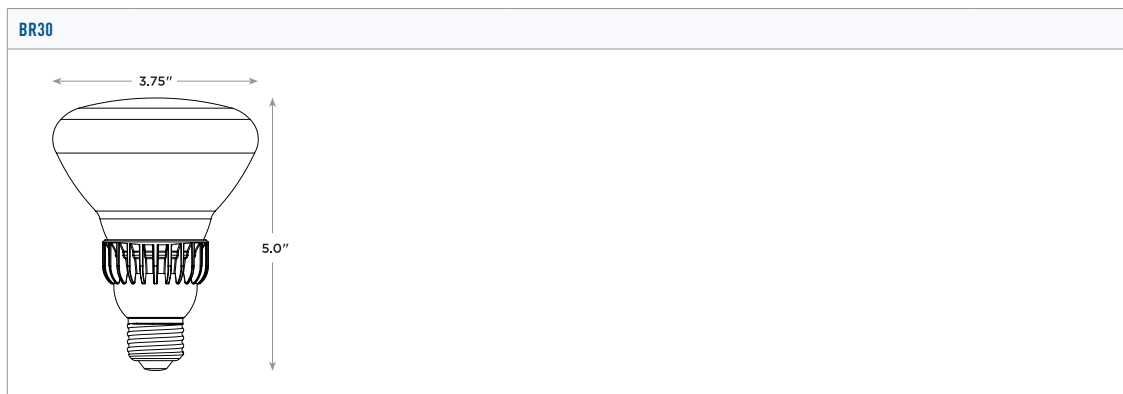
CREE

BR30 Series Lamps

BR30 Series Lamps

Ordering Information

Example: BR30-65W-27K-B4

PRODUCT	WATT EQUIVALENT	COLOR TEMP.	VOLTAGE	BASE TYPE	OPTIONS	PACKAGING OPTIONS
BR30	65 65 W (650 Lumens)	27K 2700K 50K 5000K	Blank 120V	Blank E26 (Screw Base)	Blank 80 CRI	B1 (4) Blister Pack bulbs in master carton (MC = 4)

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

BR30

3.75"

5.0"

You May Also Be Interested In:

A19 SERIES LAMPS
LED Omni-Directional Lamp

LR SERIES DOWNLIGHTS
Commercial-Upgrade Downlight Solutions

LBR SERIES LAMPS
LED BR30 Lamp

PAR38 Series

A LAMP THAT HIGHLIGHTS AND ENHANCES WITH EASE.

The Cree® LED PAR38 lamps deliver 1500 lumens of warm 2700K and bright 3000K light and are available in multiple beam options that are ideal for highlighting merchandise and enhancing the atmosphere of any space. These lamps offer an impressive combination of greater than 80% energy savings, significant maintenance savings and eligibility for ENERGY STAR® rebates.

BENEFITS

- Multiple beam angles ideal for highlighting merchandise
- Consumes up to 80% less energy
- ENERGY STAR® qualified
- Long-lasting, directional instant-on illumination
- Dimmable

FEATURES

- 82 CRI
- 18W (90 watt equivalent)
- Lamp Delivered Light Output: 1500 lumens (90 watt equivalent)
- CCT: 2700K, 3000K
- Multiple beam angles: 27°, 47°

APPLICATIONS

- Commercial offices, hotels, restaurant, healthcare and residential applications

PAR38

CREE ⬙

PAR38 Series

Ordering Information

Example: PAR38-90W-30K-27D-B1

PRODUCT	WATT EQUIVALENT	CCT	BEAM SPREAD	VOLTAGE	BASE TYPE	OPTIONS	PACKAGING OPTIONS
PAR38	90 90 Watt (1500 lumens)	27K 2700K 30K 5000K	27D 27D Medium Flood 47D 47D Wide Flood	Blank 120V	Blank E26 (Screw Base)	Blank 80 CRI	B1 (1) Single Blister Pack (MC = 3)

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

PAR38
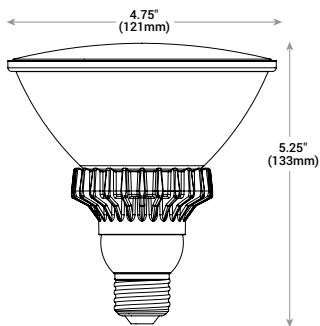
4.75"
(121mm)

5.25"
(133mm)

You May Also Be Interested In:

ESSENTIA® DOWNLIGHTS
Architectural Downlighting Solutions

CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

BR30 SERIES LAMPS
LED Flood Lamp

T8 Series

THE MOVE TO LED JUST GOT A WHOLE LOT SIMPLER.

The Cree® linear LED T8 lamp delivers up to 2800 lumens of enhanced spectrum 90+ CRI light while achieving up to 110 lumens per watt at the system level. The innovative design allows more uplight than standard LED tubes, thereby providing a more uniform light output. The T8 lamp is available in a wide array of color temperatures and operates using existing fluorescent T8 electronic instant start, programmed/ rapid start and dimmable fluorescent ballasts. The T8 lamp is easy to install and fits into linear fluorescent fixtures, making it a perfect upgrade solution where energy savings and long life are critical.

BENEFITS

- Compatible with multiple electronic T8 ballasts, including instant start, programmed/ rapid start and dimmable fluorescent ballasts
- Offers up to 30% energy cost savings and payback in less than 3 years when compared to 32W fluorescent T8s
- DLC qualified (2100 lumen only)
- Designed to last 50,000 hours
- Dimmable (ballast dependent)

FEATURES

- Utilizes Cree TrueWhite® Technology
- 90 to 110 lumens per watt at system level
- Lamp Delivered Light Output: 1700-2800 lumens per LED lamp
- Lamp Watts: As low as 16.5 watts
- Input Voltage: 120—347 VAC, determined by fluorescent ballast
- CRI: 90+
- 3000K, 3500K, 4000K, 5000K
- Controls: Dimmable (ballast dependent)
- 5-year limited warranty

APPLICATIONS

- Commercial offices, hotels, restaurant, healthcare and residential applications

T8

CREE

T8 Series

Ordering Information

Example: LEDT8R-48-21L-40K-B1

PRODUCT	WATT EQUIVALENT	COLOR TEMP.	VOLTAGE	CONTROL	PACKAGING OPTIONS
LEDT8R-48	**17L** 16.8W, 1700 lumens 103 LPW **21L** 19.5W, 2150 lumens 110 LPW	**30K**** 3000 Kelvin **35K** 3500 Kelvin **40K** 4000 Kelvin **50K**** 5000 Kelvin	**Blank** 120V - 480V Ballast Dependent	**Blank** Dimmable	**B1** Single boxed lamps **T25** Tray pack lamp (Bulk Pack) Available in 35K and 40K CCTs only

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
**1700 lumens only

You May Also Be Interested In:

ESSENTIA® DOWNLIGHTS
Architectural Downlighting Solutions

CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

BR30 SERIES LAMPS
LED Flood Lamp

LED CONTROLS

At Cree, innovation doesn't stop at our world-class LED luminaires
because we aim to deliver more — enhanced performance and savings from
your entire lighting system. That's exactly what our new embedded digital
control options offer — intelligent, fully-integrated solutions.

CREE ⬍
SMARTCAST® TECHNOLOGY

Cree SmartCast® Technology

• Fully-integrated solution

• Compatible with CR Series troffers, ZR Series
  troffers, CS Series linear luminaires, KR Series
  downlights and LN Series suspended ambient

• Enables continuous dimming

• Robust set of control capabilities

• Field-adjustable color temperatures with
  CR Series troffers

Lutron EcoSystem® Enabled

LUTRON EcoSystem®
Enabled

• Compatible with CR Series troffers and KR Series
  downlights

• Enables continuous dimming

• Robust set of control capabilities

Cree SmartCast® Technology

SIMPLY ALL YOU NEED FOR OPTIMUM LIGHTING PERFORMANCE.

Cree luminaires and dimmers enabled with SmartCast® Technology deliver essential lighting control without the complex design, installation and setup of today's lighting control systems. And now, the CR Series troffers with Cree SmartCast® Technology offer field-adjustable color temperatures that enable simplified specification, ordering and installation to provide a new level of configuration options.

BENEFITS

- Up to 70 percent savings in energy consumption compared to fluorescent*
- Up to half the cost of traditional lighting control systems
- Guaranteed compatibility
- Simplified installation and setup

FEATURES

- Innovative OneButton™ Setup
- Secure, wireless communication
- Integral ambient light and motion sensors
- Daylight harvesting
- Motion sensing

APPLICATIONS

- Currently compatible with CR Series troffers, ZR Series troffers, CS Series linear luminaires, KR Series downlights and LN Series suspended ambient
- Ideal for healthcare, hospitality, education, commercial and government applications

*Compared to traditional fluorescent luminaires without SmartCast® Technology.

CREE ⬦
SMARTCAST® TECHNOLOGY

Cree SmartCast® Technology

CR Series Troffers with SmartCast® Technology

Example: CR22-32L-ACK-CMA

PRODUCT	LUMEN OUTPUT		COLOR TEMP.		VOLTAGE	CONTROL	
CR24 2'x4' Lay-in CR14 1'x4' Lay-in CR22 2'x2' Lay-in	32L 40L 40L HE	32W 3200 Lumens - 100 LPW 35W 3200 Lumens - 90 LPW 40W 4000 Lumens - 100 LPW 30.5W 4000 Lumens - 130 LPW (30K) 32W 4000 Lumens - 121 LPW (35K) 33W 4000 Lumens - 120 LPW (40K) 34.5W 4000 Lumens - 115 LPW (50K)	30K 3000K 35K 3500K 40K 4000K 50K 5000K ACK Adjustable CCT: 3000K-5000K - Available only with 40L - Factory set at 4000K		Blank 120-277V	CMA Controls ready with integral motion and ambient sensors. Compatible with control modules listed on specification street.	

CONTROL MODULES

CM-CWC-1
Cree SmartCast® Technology wireless control module (factory installed)

ZR Series Troffers with SmartCast® Technology

Example: ZR22-32L-35K-CMA

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS
ZR22 2'x2' Lay-in ZR14 1'x4' Lay-in ZR24 2'x4' Lay-in	32L 35W, 3200 Lumens - 90 LPW 40L 44W, 4000 Lumens - 90 LPW	35K 3500K 40K 4000K	Blank 120 - 277 Volts	CMA Controls ready with integral motion and ambient sensors. Compatible with control modules listed below.	EB14 Emergency Backup, 1400 lumens

CONTROL MODULES

CM-CWC-1
Cree SmartCast® Technology wireless control module (factory installed)

LN Series Suspended Ambient with SmartCast® Technology

Example: LN4-34L-35K

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL
LN4™	34L 31W 3400 Lumens - 110 LPW	35K 3500K 40K 4000K	Blank 120-277V	CMA Cree SmartCast® Technology - Controls ready with integral motion and ambient sensors

KR Series Architectural Downlights with SmartCast® Technology

Example: KR4-20L-35K-120V-10R-EB7

PRODUCT	LUMEN OUTPUT	OPTIC	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS
KR6 6" KR4 4"	9L up to 660 Delivered Lumens 13L up to 1050 Delivered Lumens 20L up to 1700 Delivered Lumens 30L up to 2650 Delivered Lumens	Blank 70° Beam Angle (Standard)	27K 2700K - 9L thru 40L Only 30K 3000K 35K 3500K 40K 4000K	120V 120 Volts 277V 277 Volts	10R Controls ready luminaire. Compatible with control modules listed on specification street.	EB7 Emergency Backup - Minimum 90 minutes - 120V, 277V only

CONTROL MODULES

CIF-10VC1-CWC-SNSR
Cree SmartCast® Technology with ambient light and motion sensors

CS Series Linear Luminaires with SmartCast® Technology

Example: CS18-80LHE-35K-CMA

PRODUCT	LUMEN OUTPUT		COLOR TEMP.	VOLTAGE	CONTROL
CS18 1'x8' Linear CS14 1'x4' Linear	38L 3800 Lumens - 100 LPW 40LHE 4000 Lumens - 115 LPW 75L 7500 Lumens - 100 LPW 80LHE 8000 Lumens - 115 LPW		35K 3500K 40K 4000K	Blank 120-277V	CMA Controls ready with integral motion and ambient sensors. Compatible with control modules listed on specification street.

CONTROL MODULES

CM-CWC-1
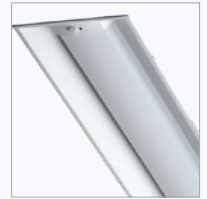Cree SmartCast® Technology wireless control module (factory installed)

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

You May Also Be Interested In:

CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

ZR SERIES TROFFERS
High-Efficiency, Affordable Troffers

CS SERIES LINEAR
Commercial Linear Solutions

KR SERIES DOWNLIGHTS
Effective, Efficient LED Downlights

Lutron EcoSystem® Enabled

ENJOY SUPERIOR QUALITY AND PERFORMANCE ADVANTAGES, PLUS ALL OF THE SCALABLE SAVINGS SOLUTIONS THAT COME WITH LUTRON ECOSYSTEM® CONTROLS.

Lutron EcoSystem® Enabled Cree® LED luminaires are designed with an intelligent, pre-tested microprocessor directly integrated into the Cree® LED driver. This design eliminates the need for additional interfaces, enabling the fixture and controls to communicate directly with each other for instant and seamless interoperability.

BENEFITS

- Guaranteed compatibility
- Simplified installation and commissioning
- Increased savings by 70 percent compared to baseline*
- Increased lifetime by 50 percent compared to baseline*
- Improved end-user experience

FEATURES

Control capabilities include:
- Continuous dimming to 5 percent
- High-end trim
- Personal control
- Occupancy sensing
- Light level scheduling
- Daylight harvesting
- Demand response

APPLICATIONS

- Currently compatible with CR Series troffers and light engines and KR Series downlights
- Ideal for healthcare, hospitality, education, commercial and government applications

*Consult www.Lutron.com for details.

CREE◆

Lutron EcoSystem® Enabled

Ordering Information for Lutron EcoSystem® Enabled KR Series Architectural Downlights

Example: KR4-9L-27K-120V

PRODUCT	LUMEN OUTPUT		OPTIC	COLOR TEMP.	VOLTAGE	CONTROL		OPTIONS
KR6 6" **KR4** 4"	**9L** **13L** **20L** **30L** **40L** **60L**	up to 660 Delivered Lumens up to 1050 Delivered Lumens up to 1700 Delivered Lumens up to 2650 Delivered Lumens up to 3300 lumens up to 5265 lumens	**Blank** 70° Beam Angle (Standard)	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**120V** 120 Volts **277V** 277 Volts **347V** 347 Volts	**10V** **LES** **LFP**	Triac Dimming 0/1-10V Dimming Lutron® EcoSystem Dimming Lutron® Forward Phase Dimming *120/277 only	EB7

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Ordering Information for Lutron EcoSystem® Enabled CR Series Troffers

Example: CR22-20L-30K-S-EB14

PRODUCT	LUMEN OUTPUT		COLOR TEMP.	VOLTAGE	CONTROL		OPTIONS	
CR24 2'x4' Lay-in **CR14** 1'x4' Lay-in **CR22** 2'x2' Lay-in	**20L** **22L** **31L** **32L** **40L** **40L HE** **50L**	22W 2000 Lumens - 90 LPW 22W 2000 Lumens - 200 LPW 34W 3100 Lumens - 90 LPW 32W 3200 Lumens - 100 LPW 40W 4000 Lumens - 100 LPW 30.5W 4000 Lumens - 130 LPW (30K) 32W 4000 Lumens - 125 LPW (35K) 33W 4000 Lumens - 120 LPW (40K) 34.5W 4000 Lumens - 115 LPW (50K) 50W 5000 Lumens - 100 LPW	**30K** 3000K **35K** 3500K **40K** 4000K **50K** 5000K	**Blank** 120-277V **347 Volt** (Optional)	**S** **10V** **LES**	Step dimming to 50% 0-10V dimming to 5% Lutron EcoSystem® Enabled to 5%	**HD** **32L** **40L** **EB14** **EB14SMK**	High Definition Color - CRI 80+ (90 LPW) 35W 3200 Lumens - 90 LPW 44W 4000 Lumens - 90 LPW Emergency Backup - 1400 Lumens Emergency Backup with Surface Mount Kit - 1400 Lumens

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

You May Also Be Interested In:

ZR SERIES TROFFERS
High-Efficiency, Affordable Troffers

CS SERIES LINEAR
Commercial Linear Solutions

LS SERIES
Commercial-Grade Linear Solutions

CREE

OUTDOOR LED PRODUCTS

Cree luminaires provide improved illumination performance, consume less energy and require less maintenance than traditional lighting solutions. In fact, many BetaLED® Technology advancements have shaped what is standard in the LED lighting industry today.

LED AREA

OSQ Series
Area   p.106

XSP Series
Area   p.108

Cree Edge™ Series
Area Square / Area Round   p.110

Cree Edge™ Series High Output
Area   p.112

Cree Edge™ Series
Pathway   p.114

LED STREET & ROADWAY

RUL Series
Rural Utility   p.118

XSP Series
XSP1™ / XSP2™ / XSPR™ / XSP IP66   p.120

LEDway® Series
HT Mount / AA Mount   p.122

LED STREET & ROADWAY

LEDway® Series High Output
Single / Double   p.124

Cree Edge™ Series
Transportation Mount   p.126

LED DECORATIVE STREET & ROADWAY

DPT Series
Post-Top Luminaire p.130

LED Upgrade Kit
Traditional Post-Top Upgrade Kit   p.132

LED CANOPY & SOFFIT

CPY Series
Direct Mount   p.136

228 Series™
Recessed & Remodel Mounts   p.138

304 Series™
Recessed Mount   p.140

Cree Edge™ Series
Surface Mount   p.142

LED PARKING STRUCTURE

IG Series
Parking Structure   p.146
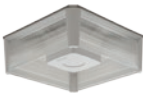
304 Series™
Parking Structure   p.148

VG Series
Parking Structure   p.150

LED FLOOD

OSQ Series
Flood   p.154

Cree Edge™ Series
High Output Flood / Flood Square / Flood Round   p.156

304 Series™
Flood   p.158

OL Series™
Linear Flood   p.160

LED WALL MOUNT

XSP Series
Wall Pack   p.164

Cree Edge™ Series
Wall Pack   p.166

OUTDOOR APPLICATIONS

Cree® outdoor luminaires offer significant energy and maintenance savings compared to traditional light sources and provide a budget-sensitive alternative to help stretch your outdoor lighting budget.

Airports

Cree® luminaires lower energy consumption and costs, reduce maintenance expenses and provide a tremendous improvement in lighting performance at airports throughout the world.

Auto Dealerships

Showcase your dealership and attract more customers with beautiful LED lighting.

Corporate & Office

For corporations planning newly-constructed or renovated campuses, Cree is the lighting product of choice for up to 80 percent energy savings and contributions toward LEED credits from the U.S. Green Building Council.

Education

The U.S. Green Building Council sees school construction and renovation as a sector that has potential for tremendous energy savings by implementing environmental solutions. Schools and universities looking for sustainable lighting alternatives are selecting Cree.

Government & Municipal

Cree products can help you meet your high-performance building goals through energy reduction and maintenance elimination.

Healthcare

With healthcare ranking as the second largest energy consumer in the U.S., the industry is turning toward energy-saving sources like Cree efficient luminaires to meet Department of Energy initiatives.

Pedestrian & Recreation

Illuminated walkways are energy-efficient, architecturally pleasing and create a safe environment.

Petroleum & C-Store

Petroleum stations are attracting customers with improved Cree lighting that creates an inviting environment with dramatically better visibility and the added benefit of tremendous energy savings.

Retail & Hospitality

Cree luminaires are the ideal solution for multiple location franchise installations because they offer the versatility of optical selections and upgradable modular LED light bars to meet different lighting ordinances.
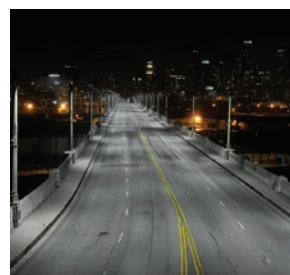
Street & Roadway

Offering an unmatched range of lumen and optical packages for streets and roadways, Cree has the versatility needed to provide exceptional value on most streets.

LED AREA

A space can be transformed with the right outdoor area lighting. Cree's modular design and multiple choices of power condition offer the ability to fine-tune a solution that provides precisely the right amount of light in precisely the right location, all with unmatched value and energy efficiency.

OSQ Series

- CRI: Minimum 70 (4000K, 5700K) , 80 (3000K)
- CCT: 3000K (+/- 300K), 4000K (+/- 300K), 5700K (+/- 500K)
- Wattages: 112W to 223W
- cULus Listed
- Utilizes BetaLED® Technology
- Utilizes NanoOptic® Technology
- Adjustable or Direct Mount

XSP Series

- Minimum 70 CRI
- CCT: 3000K (+/-300), 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- NanoOptic® Precision Delivery Grid™ optic
- Single or double modules
- cULus Listed suitable for wet locations
- Designed with 0–10V dimming capabilities

Cree Edge™ Series

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Two-level options
- Modular, low-profile design

Cree Edge™ High Output

- Minimum 70 CRI (4000K & 5700K); 90 CRI (5000K)
- CCT: 5700K (+ / - 500K), 5000K (+ / - 300K), 4000K (+ / - 300K)
- Utilizes BetaLED® Technology
- Utilizes Cree TrueWhite Technology on 5000K Luminaires
- UL wet listed
- Slim, low profile design

Cree Edge™ Series Pathway

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Two-level options
- Multiple heights available

OSQ Series Area

OSQ™ Area with DA Mount

OSQ™ Area with AA Mount

ADVANCING LIGHT THROUGHOUT YOUR SITE.

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 and general site lighting.

BENEFITS

- Suitable upgrade for HID applications up to 750 Watts
- Versatile mounting configurations offer simple installation
- Slim, low-profile design minimizes wind load requirements
- Improved energy and maintenance savings
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI (4000K & 5700K); 80 CRI (3000K)
- CCT: 3000K (+/- 300K), 4000K (+/- 300K), 5700K (+/- 500K)
- Utilizes BetaLED® Technology
- Utilizes NanoOptic® Technology
- cULus Listed

APPLICATIONS

- Airport, Auto Dealership, Corporate & Office, Education, Government, Healthcare, Municipal, Pedestrian, Petroleum & Convenience Stores, Recreation & Public Venues, Restaurants & Hospitality, Retail & Grocery

CREE ⇕

OSQ Series Area

Ordering Information

Example: **Mount**: OSQ-AA-SV + **Luminaire**: OSQ-A-NM-2ME-A-40K-UL-SV

MOUNT		COLOR OPTIONS	
OSQ-AA Adjustable Arm	**OSQ-DA** Direct	**BK** Black **BZ** Bronze	**SV** Silver **WH** White

PRODUCT	VERSION	MOUNTING	OPTIC	INPUT POWER DESIGNATOR	CCT	VOLTAGE	COLOR OPTIONS	OPTIONS
OSQ	A	NM No Mount	2ME Type II Medium 3ME Type III Medium 4ME Type IV Medium 5ME Type V Medium 5SH Type V Short	A 112W **(Medium)** J 168W **(Medium)** S 223W **(Large)**	30K 3000K 40K 4000K 57K 5700K	UL Universal 120–277V UH Universal 347–480V	BK Black BZ Bronze SV Silver WH White	DIM 0-10V Dimming F Fuse ML Multi-Level PML Programmable Multi-Level, 30-40' Mounting PML2 Multi-Level, 20' Mounting Height Q9 Field Adjustable Output R NEMA® Photocell Receptacle RL Rotate Left RR Rotate Right

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
* Available with Backlight Shield when ordered with field-installed accessory

Dimensions

OSQ SERIES AREA

25.0" (635mm) · 8.1" (206mm) · 19.0" (482mm) · 3.1" (79mm) · NEMA® Photocell Receptacle location (ordered as an option) · 3.8" (97mm) · 4.8" (122mm)

27.6" (701mm) · 10.6" (269mm) · 19.0" (482mm) · 3.1" (79mm) · NEMA® Photocell Receptacle location (ordered as an option) · 3.8" (97mm)

Accessory Information

BACKLIGHT SHIELD	HAND-HELD REMOTE
OSQ-BLSMF – Front facing optics **OSQ-BLSMR** – Rotated optics	**XA-SENSREM for PML Option**

You May Also Be Interested In:

TRADITIONAL POST-TOP UPGRADE KIT
Easily Convert Decorative Street Lights to LED

XSP SERIES WALL PACK
Affordable Site Lighting Solutions

OSQ SERIES FLOOD
Flood Lighting Solutions

XSP Series Area

XSP1™ Area

XSP2™/XSP2L™ Area

MAKING THE SWITCH TO LED LIGHTING IS AN EASY DECISION.

Designed to replace up to 400W metal halide pole-mounted area lights, the Cree XSP Series Area light provides an excellent alternative to traditional HID lighting with superior optical control to put the light exactly where it needs to go. The XSP Area leverages Cree's innovative technology, developed for the industry-leading XSP Series street lights, offering customers a premier area lighting solution covered by a 10-year limited warranty.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Field Adjustable Output option for increased flexibility
- 10-year limited warranty

FEATURES

- Minimum 70 CRI (4000K & 5700K); 80 CRI (3000K)
- CCT: 3000K (+/-300K), 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- NanoOptic® Precision Delivery Grid™ optic
- Exclusive Colorfast DeltaGuard® Finish

APPLICATIONS

- Airport, auto dealership, corporate & office, education, government, healthcare, industrial & warehouse, municipal, parking, pedestrian, petroleum & convenience stores, recreation & public venues, restaurants & hospitality, retail & grocery

CREE ✦

XSP Series Area

Ordering Information

Example: BXSP-B-HT-2ME-A-40K-UL-SV

PRODUCT	VERSION	MOUNTING	OPTIC	INPUT POWER DESIGNATOR	CCT	VOLTAGE	COLOR OPTIONS	OPTIONS
BXSP	B C	HT Horizontal Tenon	2ME* Type II Medium 2LG* Type II Long 3ME* Type III Medium 4ME* Type IV Medium 5ME Type V Medium	A 53W (XSP1, B) B 101W (XSP2, B) E 101W (XSP1, C) F 139W (XSP2, C)	30K 3000K 40K 4000K 57K 5700K	UL Universal 120–277V	SV Silver BZ Bronze	ML Multi-Level N Utility Label and NEMA Photocell Receptacle Q9 Field Adjustable Output R NEMA Photocell Receptacle UTL Utility

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

**Optics available with Backlight Shield when ordered with field-installed accessory

Poles & Tenon Options

POLE SPECIFICATION

PS
Crown-Weld® Square Straight Steel Poles

PS5R
Round Steel Poles

PSRV
Round Tapered Steel Poles

HORIZONTAL TENON OPTIONS

* Specify mounting configuration

PD-*H4
Square Internal Mount
Mounts to 4" (102mm) square aluminum or steel poles

PT-*H
Round External Mount
Mounts to 2-3/8 – 3" (60 – 76mm) round aluminum or steel poles

WM-2L
Wall Mount

XA-TMDA8
Direct Arm Pole Adaptor Bracket
Mounts to 3 – 6" (76 – 152mm) round or square aluminum or steel poles

Accessory Information

BIRD SPIKE OPTIONS*	BACKLIGHT CONTROL SHIELD OPTIONS	FOUR POINT MOUNTING KIT
 XA-SP1BRDSPK (single-module) **XA-SP2BRDSPK** (double-module)	Provides 1/2 Mounting Height Cutoff **XA-SP1BLS** (for use with single-module) **XA-SP2BLS** (for use with double-module)	**XA-XSP4PTMNT** Includes large bracket for mounting to 2" (51mm) IP, 2.375" (60mm) O.D. tenon, small bracket for mounting to 1.25" (32mm) IP, 1.66" (42mm) O.D. tenon and mounting bolts

Dimensions

XSP1™ (SINGLE-MODULE)

23.7" (601mm)
9.3" (237mm)
5.1" (129mm)

XSP2™ / XSP2L™ (DOUBLE-MODULE)

26.2" (665mm)
14.5" (368mm)
4.6" (117mm)

You May Also Be Interested In:

OSQ SERIES AREA
Low-Profile Area Lighting Solutions

XSP SERIES WALL PACK
Affordable Site Lighting Solutions

DPT SERIES POST-TOP LUMINAIRE
Easily Convert Decorative Street Lights to LED

Cree Edge™ Series Pole-Mounted

Cree Edge™ Area Square

Cree Edge™ Area Round

THE PRODUCT THAT HELPED START A REVOLUTION.

Successfully launched in 2007, Cree Edge™ Area luminaires helped set the standard for performance and value. Available in a variety of LED counts, multiple power conditions and more than 20 optical distributions, Cree Edge™ Area luminaires offer a scalable solution that provides exacting illumination performance. And with several upgrade-friendly mounts to choose from, product advances and the expansion of the line that now includes a truly high output solution, Cree Edge™ Area luminaires offer more value and versatility today than ever before.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI (4000K, 5700K), minimum 90 CRI (5000K)
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Meets Buy American requirements within ARRA
- Optional backlight cutoff shield
- Modular, low-profile design

APPLICATIONS

- Airport, auto dealership, corporate & office, education, government & municipal, healthcare, industrial & warehouse, pedestrian & recreation, petroleum & convenience store, restaurant & hospitality, retail & grocery

CREE ⬍

Cree Edge™ Series Pole-Mounted
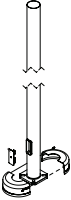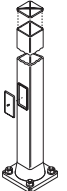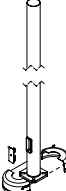
Ordering Information

Example: ARE-EDR-2M-AA-06-E-UL-SV-525-DIM
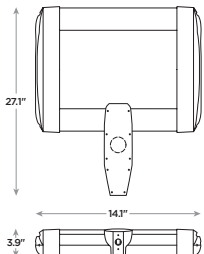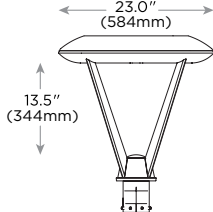
PRODUCT	FAMILY	OPTIC		MOUNTING	# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS	
ARE	EDG EDR	**2M** Type II Medium **2MB** Type II Medium w/ BLS **2MP** Type II Medium w/partial BLS **3M** Type III Medium **3MB** Type III Medium w/ BLS **3MP** Type III Medium w/partial BLS	**4M** Type IV Medium **4MB** Type IV Medium w/ BLS **4MP** Type IV Medium w/partial BLS **5M** Type V Medium **5S** Type V Short	**AA** Adjustable Arm **DA** Direct Arm **R3** Spider, Center Tenon, 2-3/8" to 3" OD **R4** Spider, Center Direct, 4" Square **R5** Spider, Center Direct, 5" Round **SA** Side Arm	**02** **04** **06** **08** **10** **12** **14**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V	**BK** Black **BZ** Bronze **SV** Sliver **WH** White	**350** 350mA **525** 525mA **700** 700mA	**40K** 4000K CCT **DIM** 0-10V Dimming **F** Fuse **HL** High/Low (Dual Circuit Input) **ML** Multi-Level **P** Photocell **PML** Programmable Multi-Level, 30'-40' Mounting Height	**PML2** Programmable Multi-Level, 20' Mounting Height **R** NEMA® Photocell Receptacle

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Poles & Tenon Options

POLE SPECIFICATION	TENONS & BRACKETS

Consult factory for more information.

PS Crown-Weld® Square Straight Steel Poles

PS5R Round Steel Poles

PSCV Curved Round Tapered Steel Poles

PSRV Round Tapered Steel Poles

PB-*A Square Internal Mount Vertical Tenons (Steel)

PB-*R Round Internal Mount Vertical Tenons (Steel)

PD-*A4 Square Internal Mount Horizontal Tenons (Aluminum)

PT-* Round External Mount Horizontal Tenons (Aluminum)

WM-* Wall Mount Brackets

PW-*A3 Mid-Pole Brackets

Dimensions

CREE EDGE™ AREA SQUARE	CREE EDGE™ AREA ROUND

DA MOUNT

27.1"
14.1"
3.9"

R3 MOUNT

23.0" (584mm)
13.5" (344mm)

Accessory Information

BIRD-SPIKES

XA-BRDSPK

BACKLIGHT SHIELD

XA-20BLS-4 Four-pack

HAND-HELD REMOTE

XA-SENSREM For use with PML Option

You May Also Be Interested In:

VG SERIES PARKING STRUCTURE Scalable, Versatile Parking Structure Solutions

CREE EDGE™ SERIES WALL MOUNT Wall Mount Lighting Solutions

CREE EDGE™ SERIES FLOOD Flood Lighting Solutions

Cree Edge™ High Output

IT'S A BRAND NEW NIGHT IN HIGH OUTPUT LIGHTING

With no viable alternatives, projects that required high output and high mounting height solutions were left using technologies of the past. Today, the Cree Edge™ High Output luminaire is not only able to replace up to 1000W HID, it's significantly better. Powered by Cree TrueWhite® Technology, the Cree Edge™ High Output area and flood luminaire delivers uncompromising color for outdoor spaces. With 90+CRI, true-to-life color never looked so good.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI (4000K & 5700K); 90 CRI (5000K)
- CCT: 5700K (+/- 500K standard), 5000K (+/- 300K), 4000K (+/- 300K)
- Utilizes BetaLED® Technology
- Utilizes Cree TrueWhite® Technology on 5000K luminaires
- Low-profile, modular design
- Rugged aluminum housing
- UL wet listed
- Exclusive Colorfast DeltaGuard® finish

APPLICATIONS

- Airport, auto dealership, corporate & office, education, government & municipal, healthcare, industrial & warehouse, pedestrian & recreation, petroleum & convenience store, restaurant & hospitality, retail & grocery, roadway

Cree Edge™ High Output Area

CREE ⬩

Cree Edge™ High Output

Ordering Information

Example: ARE-EHO-3M-HT-12-E-UL-SV-700

PRODUCT	FAMILY	OPTIC	MOUNTING	# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
ARE	EHO	**3M** Type III Medium **4M** Type IV Medium **5M** Type V Medium **5S** Type V Short **AF** Automotive Frontline	**HV** Horizontal/Vertical Tenon	**12** **24**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V	**BK** Black **BZ** Bronze **SV** Sliver **WH** White	**700** 700mA **1000** 1000mA	**40K** 4000K CCT **50K** 5000K CCT **F** Fuse **R** NEMA® Photocell Receptacle

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Poles & Tenon Options

POLE SPECIFICATION		TENONS & BRACKETS	

Consult factory for more information.

PS Crown-Weld® Square Straight Steel Poles

PS5R Round Steel Poles

PSCV Curved Round Tapered Steel Poles

PSRV Round Tapered Steel Poles

PB-*A Square Internal Mount Vertical Tenons (Steel)

PB-*R Round Internal Mount Vertical Tenons (Steel)

WM-* Wall Mount Brackets

PW-*A3 Mid-Pole Brackets

Dimensions

CREE EDGE™ HIGH OUTPUT AREA

HV MOUNT

5.0" (127mm)

43.8" (1113mm)

43.8" (1113mm)

16.5" (419mm)

30.0" (762mm)

You May Also Be Interested In:

IG SERIES PARKING STRUCTURE Parking Structure Solutions

XSP SERIES WALL PACK Affordable Site Lighting Solutions

OSQ SERIES FLOOD Flood Lighting Solutions

Accessory Information

BIRD-SPIKES

XA-BRDSPKXAK12 (120 LEDs)
XA-BRDSPKXAK24 (240 LEDs)

BACKLIGHT SHIELD

XA-30BLS-4 Four-pack (120 LEDs)   **XA-30BLS-8** Eight-pack (240 LEDs)

DIRECT MOUNT BRACKET

EHO-UNV*

Cree Edge™ Series Pathway

A PATHWAY TO STYLE AND PERFORMANCE.

Cree Edge™ Pathway luminaires combine style and performance to provide unmatched value in pathway and pedestrian lighting. Available in 13", 18", 36", 42" and 8' lengths, Cree Edge™ Pathway luminaires provide shadow-free illumination in both symmetric and asymmetric distribution patterns. In addition, its lens-free design means no yellowing lens or other lens-related issues that can be typical of more traditional designs. Cree Edge™ Pathway luminaires are simply designed to provide more than a decade of near maintenance-free service.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Two-level options
- Multiple height options:
    - 13" and 18" landscape fixture
    - 36" and 42" pathway fixture
    - 8' pedestrian fixture

APPLICATIONS

- Airport, auto dealership, corporate & office, education, government & municipal, healthcare, industrial & warehouse, pedestrian & recreation, petroleum & convenience store, restaurant & hospitality, retail & grocery

Cree Edge™ Pathway

CREE

Cree Edge™ Series Pathway

Ordering Information

Example: PWY-EDG-3M-P3-18-E-UL-BK-525-F

PRODUCT	FAMILY	OPTIC	MOUNTING	LED COUNT (X09)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
PWY	EDG	**2M** Type 2 Medium **3M** Type 3 Medium **5M** Type 5 Medium **5S** Type 5 Short	**P0** 13" (330mm) Landscape Fixture **P1** 18" (457mm) Landscape Fixture **P3** 3' (0.9m) Pathway Fixture (Bollard) **P4** 42" (1.1mm) Pathway Fixture (Bollard) **P8** 8' (2.4m) Pedestrian Fixture	**02**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V **12** 120V **27** 277V **24** 240V **34** 347V **48** 480V	**SV** Sliver **BZ** Bronze **BK** Black **WH** White	**350** 350mA **525** 525mA	**40K** 4000K CCT **F** Fuse **HL** High/Low (175/350/525, Dual Circuit Input) **TL** Two-Level (175/525 w/ Integrated Sensor Control) **TL2** Two-Level (0/350 w/ Integrated Sensor Control) **TL3** Two-Level (0/525 w/ Integrated Sensor Control) **WB** Welded Base

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

UPGRADE KIT - USED FOR REPLACEMENT OF EXISTING BOLLARDS

XA-XBP8RSV
Silver
XA-XBP8RBK
Black
XA-XBP8RWH
White
XA-XBP8RBZ
Bronze
XA-XBP8RPB
Platinum Bronze

Dimensions

CREE EDGE™ PATHWAY

Landscape (P0)	13" (330mm)
Landscape (P1)	18" (457mm)
Pathway (P3)	36" (914mm)
Pathway (P4)	42" (1068mm)
Pedestrian (P8)	96" (2438mm)
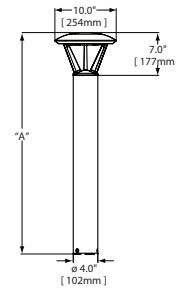
10.0" [254mm]
7.0" [177mm]
"A"
ø 4.0" [102mm]

LED STREET & ROADWAY

Street lighting is an important and significant investment for most municipalities. Unfortunately, high energy and maintenance costs associated with operating HID systems offer no relief to already tight budgets. Cree® LED street light products provide budget-friendly solutions that significantly reduce energy and maintenance costs without sacrificing illumination performance. You get proven energy and maintenance savings from the proven lighting leader, Cree.

RUL Series

- Minimum 70 CRI
- CCT: 4000K (+/- 300K)
- UL wet listed
- Improved illumination performance
- Significant energy and maintenance savings
- Easy Installation

XSP Series

- Minimum 70 CRI
- CCT: 3000K (+/-300K), 4000K (+/-300K), 5700K (+/-500K)
- NanoOptic® Precision Delivery Grid™ optic
- UL wet listed
- IP66 available

LEDway® Series High Output

- Minimum 80 CRI (3000K); 70 CRI (4000K & 5700K)
- CCT: 3000K (+/-300K), 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- IP66 available
- All aluminum housing

LEDway® Series

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- IP66 available
- All aluminum housing

Cree Edge™ Series

- Minimum 70 CRI (4000K & 5700K); 90 CRI (5000K)
- CCT: 4000K (+/- 300K), 5000K (+/- 300K), 5700K (+/- 500K)
- UL wet listed
- Mounting options: direct, hook & cord, catenary or pendant

RUL Series Rural Utility Luminaire

RUL Series

SUPERIOR UTILITY LED LIGHTING FOR LESS

The LED Rural Utility Luminaire provides innovation through LED technology that maximizes both the total cost of ownership and return on investment for end users requiring a 70-100W HPS or 100-175W Mercury Vapor replacement solution. By providing industry-leading efficacy of 110 lumens per watt and an industry-leading 10-year limited warranty, Cree is changing the assumptions associated with purchasing and maintaining utility and residential security lighting. While its lightweight design, tool-less entry, and easy installation make the RUL™ LED Rural Utility Luminaire an ideal solution for any contractor.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Easy Installation
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/- 300K)
- UL wet listed
- Meets CALTrans 611 Vibration Testing
- Certified to ANSI C136.31-2001, 3G Bridge and Overpass Vibration
- 10K surge suppression protection tested in accordance with IEEE/ANSI C62.41.2

APPLICATIONS

- Industrial & Warehouse, Municipal, Government, Retail & Grocery, Roadway

CREE

RUL Series Rural Utility Luminaire

Ordering Information

Example: RUL-HT-2ME-C-40K-12-UF-N

PRODUCT	OPTIC	CCT	MOUNTING	INPUT POWER DESIGNATOR	VOLTAGE	COLOR OPTIONS	UTILITY LABEL/RECEPTACLE	OPTION
RUL	2ME Type II Medium 5ME Type V Medium	40K 4000K	HT Horizontal Tenon	C 50W	12 120V	UF Grey Unfinished	N Utility Label and NEMA® Photocell Receptacle - Photocell by others - 3-pin receptacle per ANSI C136.10 - Label per ANSI C136.15	ES 10kV Surge Suppression Protection

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

RUL SERIES RURAL UTILITY LUMINAIRE

15.0" (382mm)

NEMA® Photocell Receptacle location

6.9" (175mm)

3.8" (96mm)

3.3" (85mm)
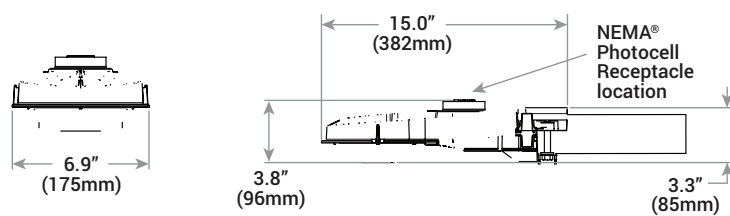
Mounting Options

TENON S & BRACKETS

* Consult factory for more information.

PD-*A
Square Internal Mount Horizontal Tenons (Aluminum)
- Mounts to 4" (102mm) square aluminum or steel poles

RUL-ARM24
Pole Mounting Kit
- 24.0" (610mm) curved raw aluminum arm
- Includes zinc-plated steel hardware
- Mounts to wood poles

XA-TMDA8
Direct Arm Pole Adaptor Bracket
- Mounts to 3-6" (76-152mm) round or square aluminum or steel poles

PT-*
Round External Mount Horizontal Tenons (Aluminum)
- Mounts to 2.375"-3" (60-76mm) O.D. round aluminum or steel poles or tenons

WM-2 (Horizontal)
Wall Mount Bracket
- Mounts to wall, roof or side of wood pole

XSP Series Street Lights

THE SHAPE YOU KNOW WITH THE PERFORMANCE YOU NEED.

Designed to resemble traditional cobra heads but with the performance only a Cree® LED solution can provide, the XSP Series is the result of a from-the-ground-up design that provides unmatched illumination performance and value at the street level. Beyond substantial energy and maintenance savings, Cree achieves better optical control with our NanoOptic® Precision Delivery Grid™ optic than other street lighting solutions. The Cree XSP Series street light is an affordable LED solution that doesn't sacrifice performance.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Field Adjustable Output option for increased flexibility
- 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 3000K (+/-300K), 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- NanoOptic® Precision Delivery Grid™ optic
- Exclusive Colorfast DeltaGuard® Finish
- Traditional cobra head appearance
- UL wet listed

APPLICATIONS

- Government & municipal, roadway

XSP1™ (single-module)

XSP2™ / XSP2L™ (double-module)

XSPR™

XSP IP66

CREE ✦

XSP Series Street Lights

Ordering Information

Example: BXSP-B-HT-2ME-A-40K-UL-SV

PRODUCT	VERSION	MOUNTING	OPTIC	INPUT POWER DESIGNATOR	CCT	VOLTAGE	COLOR OPTIONS	OPTIONS
BXSP BXSPR	B C	HT Horizontal Tenon	2ME** Type II Medium 2LG** Type II Long 3ME** Type III Medium 4ME** Type IV Medium 5ME Type V Medium	A 53W (XSP1, B) 54W (XSPR) B 101W (XSP2, B) E 101W (XSP1, C) F 139W (XSP2, C)	30K 3000K 40K 4000K 57K 5700K	UL Universal 120–277V	BZ Bronze SV Silver	DIM 0-10V Dimming ML Multi-Level N Utility Label and NEMA Photocell Receptacle Q9 Field Adjustable Output R NEMA Photocell Receptacle

PRODUCT	VERSION	MOUNTING	OPTIC	MODULE (CCT)	INPUT POWER	VOLTAGE	COLOR OPTIONS	OPTIONS
BXSPR	A	0 Horizontal Tenon	1** Type II Long 2** Type II Medium 3** Type III Medium	F 4000K M 5700K	C 42W G 25W	U Universal 120–277V	S Silver	Y 0-10V Dimming N Utility Label and NEMA® Photocell Receptacle

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

**Available with Backlight Shield when ordered with field-installed accessory

Mounting Options

POLE SPECIFICATION

Consult factory for more information.

PS
Crown-Weld® Square Straight Steel Poles

PS5R
Round Steel Poles

PSRV
Round Tapered Steel Poles

TENONS & BRACKETS

PD-*H4
Square Internal Mount Horizontal Tenons (Steel) - Mounts to 4" (102mm) square aluminum or steel poles

PT-*H
Round External Mount Horizontal Tenons (Aluminum) - Mounts to 2.375"-3" (60-76mm) O.D. round aluminum or steel poles or tenons

WM-2L
Extended Horizontal Wall Mount Bracket - Mounts to wall, roof or side of wood pole

XA-TMDA8
Direct Arm Pole Adaptor Bracket - Mounts to 3 – 6" (76 – 152mm) round or square aluminum or steel poles

* Specify mounting configuration.

Dimensions

XSP1™ (SINGLE-MODULE)

9.3"
23.7"
5.1"

XSP2™ / XSP2L™ (DOUBLE-MODULE)

14.5"
26.2"
4.6"

XSPR™

22.3"
4.9"
9.8"

Accessory Information

BIRD SPIKE OPTIONS	BACKLIGHT CONTROL SHIELD OPTIONS	FOUR POINT MOUNTING KIT
XA-SP1BRDSPK** (single-module) XA-SP2BRDSPK** (double-module)	Provides 1/2 Mounting Height Cutoff XA-SP1BLS (for use with single-module) XA-SP2BLS (for use with double-module)	XA-XSP4PTMNT** Includes large bracket for mounting to 2" (51mm) IP, 2.375" (60mm) O.D. tenon, small bracket for mounting to 1.25" (32mm) IP, 1.66" (42mm) O.D. tenon and mounting bolts

**does not apply to XSPR.

You May Also Be Interested In:

DPT SERIES
POST-TOP LUMINAIRE
Easily Convert Decorative Street Lights to LED
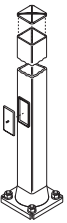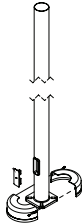
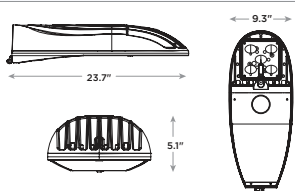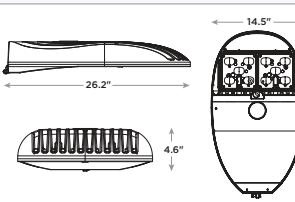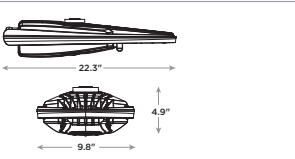**LEDWAY® SERIES**
STREET LIGHTS
Versatile Street Light Solutions

XSP SERIES AREA
Area Lighting Solutions

LEDway® Series Street Lights

LEDway - HT Mount

PROVEN PERFORMANCE, PROVEN VALUE.

Launched in 2008, LEDway® LED street lights are arguably the most successful street light in the world. Our LEDway street light has built a reputation based on performance and value. Available in 10-LED increments (20 to 120 LEDs), flexible drive currents and more than 20 optical distributions, the LEDway street light can be "right-sized" to provide exacting illumination performance that minimizes first cost while maximizing energy savings. While others can make performance promises, the LEDway street light has already delivered proven performance.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- Patented NanoOptic® Technology
- Exclusive Colorfast DeltaGuard® Finish
- UL wet listed
- Meets CALTrans 611 Vibration Testing
- Certified to ANSI C136.31-2001, 3G Bridge and Overpass Vibration Standards
- 10K surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Field adjustable power conditions
- Remote monitoring compatibility
- Scalable design

APPLICATIONS

- Airports, auto dealerships, corporate & office, education, government & municipal, healthcare, pedestrian & recreation, petroleum & convenience store, restaurant & hospitality, retail & grocery, roadway

CREE ◆

LEDway® Series Street Lights

Ordering Information

Example: STR-LWY-4M-HT-06-E-UL-SV-700-IP

PRODUCT	OPTIC	MOUNTING	#OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
STR-LWY	2M Type 2 Medium 2MB Type 2 Medium w/Backlight Shield 2S Type 2 Short 3M Type 3 Medium 4M Type 4 Medium 5M Type 5 Medium	HT Horizontal Tenon	02 03 04 05 06 07 08 09 10 11 12	E	UL Universal 120-277V UH Universal 347-480V	BK Black BZ Bronze SV Silver	525 525mA 700 700mA	DIM 0-10V Dimming IP IP66 Classification R NEMA Photocell Receptacle 40K 4000K CCT

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
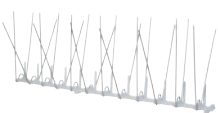
Dimensions

LEDWAY® LED STREET LIGHT

HT MOUNT

17.5" (20-30 LEDs)
22" (40-60 LEDs)
26.8" (70-90 LEDs)
33.1" (100-120 LEDs)

10.6"

4.7"
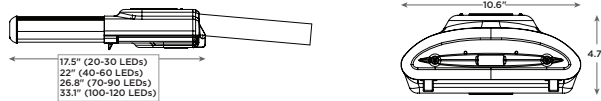
Accessory Information

BIRD SPIKE OPTIONS

XA-BRDSPKHSG
(for use with LEDway® housings)
XA-BRDSPK30
(for use with 20 to 30 LED light engines)
XA-BRDSPK60
(for use with 40 to 60 LED light engines)

XA-BRDSPK90
(for use with 70 to 90 LED light engines)
XA-BRDSPK120
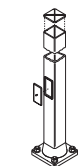(for use with 100 to 120 LED light engines)

EXTERNAL BACKLIGHT SHIELD OPTIONS

XA-XSLBLS30
(for use with 20 to 30 LED luminaires)
XA-XSLBLS60
(for use with 40 to 60 LED luminaires)
XA-XSLBLS90
(for use with 70 to 90 LED luminaires)
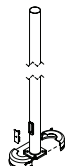**XA-XSLBLS120**
(for use with 100 to 120 LED luminaires)

Mounting Options

POLE SPECIFICATION

Consult factory for more information.

PS
Crown-Weld® Square Straight Steel Poles

PS5R
Round Steel Poles

PSRV
Round Tapered Steel Poles

TENONS & BRACKETS

PD-*H4
Square Internal Mount Horizontal Tenons (Steel) - Mounts to 4" (102mm) square aluminum or steel poles

PT-*H
Round External Mount Horizontal Tenons (Aluminum) - Mounts to 2.375"-3" (60-76mm) O.D. round aluminum or steel poles or tenons; Mounts to square pole with PB-1A* tenon

WM-2L
Extended Horizontal Wall Mount Bracket - Mounts to wall, roof or side of wood pole

XA-TMDA8
Direct Arm Pole Adaptor Bracket -
Mounts to 3 – 6" (76 – 152mm) round or square aluminum or steel poles

* Specify mounting configuration.

You May Also Be Interested In:

IG SERIES PARKING STRUCTURE
Parking Structure Solutions

DPT SERIES POST-TOP LUMINAIRE
Easily Convert Decorative Street Lights to LED

CREE EDGE™ TSP TRANSPORTATION MOUNT
Bridge, Overpass & Tunnel Lighting Solutions

LEDway® Series High Output Street Lights

High Output - Single

High Output - Double

MEETING DEMANDING ROADWAY APPLICATION REQUIREMENTS.

The LEDway® Series High Output street light with its unrivaled lumen output for roadway lighting expands the application range replacing up to 400W HPS. With industry-leading optimized optical control and adjustable output for versatility, the LEDway Series High Output street light significantly improves the economic value for the application.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- Patented NanoOptic® Technology
- Exclusive Colorfast DeltaGuard® Finish
- UL wet listed
- Vibration standards
- 10K surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Optional field adjustable power conditions
- Remote monitoring compatibility
- Scalable design

APPLICATIONS

- Airports, auto dealerships, corporate & office, education, government & municipal, healthcare, pedestrian & recreation, petroleum & convenience store, restaurant & hospitality, retail & grocery, roadway

CREE ✦

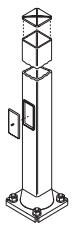# LEDway® Series High Output Street Lights

Ordering Information

Example: STR-LWY-2ME-HT-1-F-UL-SV-A-40K

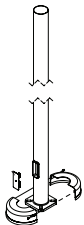| PRODUCT	OPTIC	MOUNTING	MODULE	SERIES	VOLTAGE	COLOR OPTIONS	INPUT POWER DESIGNATOR	CCT	FACTORY INSTALLED OPTIONS
STR LWY	2ME Type II Medium 3ME Type III Medium	HT Horizontal Tenon	1 Single Module 2 Double Module	F	UL Universal 120-277V UH Universal 347-480V	BK Black BZ Bronze SV Silver WH White	A Single Module 136W Double Module 274W	30K 3000K 40K 4000K 57K 5700K	DIM 0-10V Dimming F Fuse N No Quick Disconnect Harness or Leveling Bubble PD Power Door Q Field Adjustable Output R NEMA Photocell Receptacle SC Door Safety Tether UTL Utility

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Mounting Options

POLE SPECIFICATION

PS
Crown-Weld® Square Straight Steel Poles

PS5R
Round Steel Poles

PSRV
Round Tapered Steel Poles

TENONS & BRACKETS

PD-*H4
Square Internal Mount Horizontal Tenons (Steel) - Mounts to 4" (102mm) square aluminum or steel poles

PT-*H
Round External Mount Horizontal Tenons (Aluminum) - Mounts to 2.375"-3" (60-76mm) O.D. round aluminum or steel poles or tenons; Mounts to square pole with PB-1A* tenon

WM-2L
Extended Horizontal Wall Mount Bracket - Mounts to wall, roof or side of wood pole
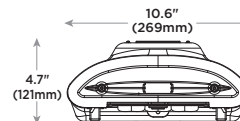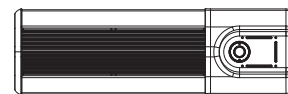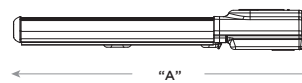
XA-TMDA8
Direct Arm Pole Adaptor Bracket - Mounts to 3 – 6" (76 – 152mm) round or square aluminum or steel poles

* Specify mounting configuration.

Dimensions

LEDWAY SERIES HIGH OUTPUT STREET LIGHT

"A"

10.6" (269mm)

4.7" (121mm)

MODULES	DIMENSION	MEASUREMENTS
Single	"A"	23.5" (597mm)
Double	"A"	34.9" (886mm)

Accessory Information

BIRD SPIKE OPTIONS

XA-BRDSPKHSG
Bird Spikes for Housing

You May Also Be Interested In:

OSQ SERIES AREA
Low-Profile Area Lighting Solutions

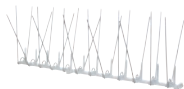**XSP SERIES WALL PACK**
Affordable Site Lighting Solutions

CREE EDGE™ TSP TRANSPORTATION MOUNT
Bridge, Overpass & Tunnel Lighting Solutions

Cree Edge™ Series Transportation Luminaire

BRIDGES, OVERPASSES AND TUNNELS — NO PROBLEM.

The Cree Edge™ TSP Transportation Mount is designed for high vibration areas such as bridges, overpasses, roadways and tunnels and helps reduce costs associated with maintaining high-traveled areas. Visibility and safety for vehicular and pedestrian traffic can be dramatically increased with overall improvements in illumination performance.

BENEFITS

- Increased visibility and safety for pedestrians and vehicles
- Lower maintenance costs

FEATURES

- Mounting options: direct, hook & cord, catenary or pendant
- UL and cUL listed
- Through-wiring for easy installation
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2

APPLICATIONS

- Government & municipal, roadway

Cree Edge™ Transportation Mount   Cree Edge™ High Output Transportation Mount

CREE

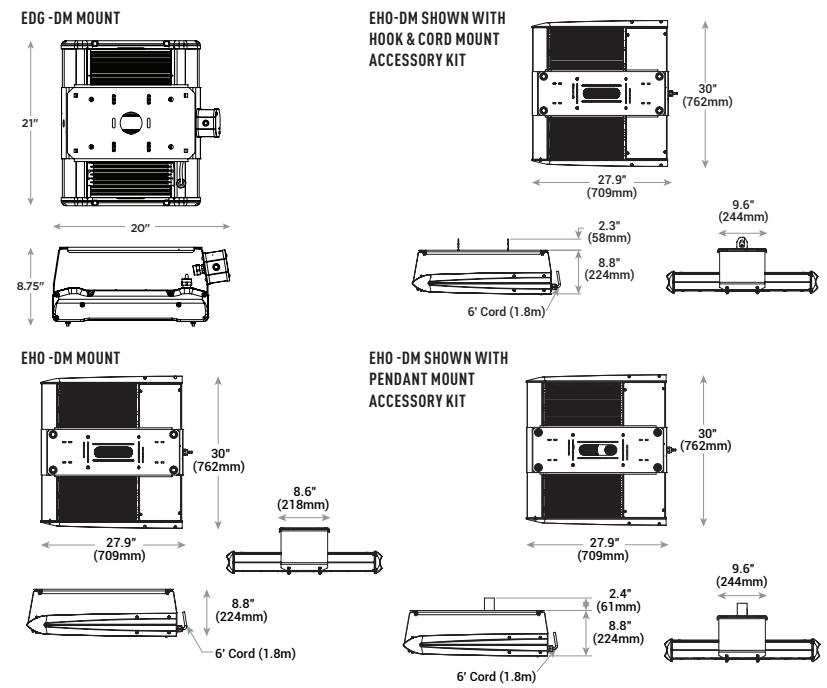# Cree Edge™ Series Transportation Luminaire

Ordering Information

Example: TSP-EDG-2M-DM-06-E-UL-SV-525-DIM

PRODUCT	OPTIC		MOUNTING	# OF LEDS (X10)	VERSION	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
TSP EDG	**1S** Type 1 Short **2M** Type 2 Medium **2S** Type 2 Short **3M** Type 3 Medium **4M** Type 4 Medium **5M** Type 5 Medium **5S** Type 5 Short	**PS** Petroleum Symmetric **15** 15-degree Flood **25** 25-degree Flood **40** 40-degree Flood **70** 70-degree Flood	**DM** Direct Mount **PD1** 1-1/4 NPSM Mounting System **PD2** 1-1/2 NPSM Mounting System **CM** Catenary Mount	**04** **06** **08** **10** **12** **14** **16** **18** **20** **24**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V **25D** 250VDC	**SV** Sliver **BZ** Bronze **BK** Black **WH** White	**350** 350mA **525** 525mA **700** 700mA	**40K** 4000K CCT **DIM** 0-10V Dimming **F** Fuse **HL** High/Low (175/350/525 Dual Circuit Input)

PRODUCT	OPTIC		MOUNTING	# OF LEDS (X10)	VERSION	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
TSP EHO	**1S** Type 1 Short **2S** Type 2 Short **3M** Type 3 Medium	**5S** Type 5 Short **N6** NEMA® 6	**DM** Direct Surface	**12** **24**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V	**SV** Sliver **BZ** Bronze **BK** Black **WH** White	**700** 700mA **1000** 1000mA	**40K** 4000K CCT **50K** 5000K CCT **DIM** 0-10V Dimming **ML** Multi-Level

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

CREE EDGE™ TRANSPORTATION MOUNT

EDG -DM MOUNT

21"
20"
8.75"

EHO-DM SHOWN WITH HOOK & CORD MOUNT ACCESSORY KIT

30" (762mm)
27.9" (709mm)
2.3" (58mm)
8.8" (224mm)
6' Cord (1.8m)
9.6" (244mm)

EHO -DM MOUNT

30" (762mm)
27.9" (709mm)
8.8" (224mm)
6' Cord (1.8m)
8.6" (218mm)

EHO -DM SHOWN WITH PENDANT MOUNT ACCESSORY KIT

30" (762mm)
27.9" (709mm)
2.4" (61mm)
8.8" (224mm)
6' Cord (1.8m)
9.6" (244mm)

Accessory Information

ACCESSORIES FOR HIGH OUTPUT

EHO-HC
Hook & Cord Mount Kit
EHO-PD1
Pendant 1-1/4'' NPSM Mount Kit
EHO-PD2
Pendant 1-1/2'' NPSM Mount Kit

You May Also Be Interested In:

VG SERIES PARKING STRUCTURE
Scalable, Versatile Parking Structure Solutions

CREE EDGE™ SERIES WALL MOUNT
Wall Mount Lighting Solutions

CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LED DECORATIVE STREET & ROADWAY

With the Cree® LED lighting solutions, there is no need to change the historical ambiance of the streetscape. You can simply transform existing inefficient metal halide, high pressure sodium and mercury vapor post-top luminaires into energy-efficient, low-maintenance LED luminaires. The result is improved optical control and target efficacy that combines a classic day-form style with a beautiful nightscape appearance.

DPT Series LED Post-Top Luminaire

- Minimum 70 CRI
- CCT: 3000K (+/-175K)
- Made with Cree® LED Technology
- Utilizes a standalone UL 1598 compliant light engine
- Suitable for damp locations
- 6kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2

LED Upgrade Kit

- Minimum 70 CRI
- CCT: 2700K (+/-300K), 4000K (+/-300K)
- 0-10V dimming option
- Field Adjustable Output for increased flexibility
- Reuses most of existing luminaire for little waste

DPT Series Post-Top Luminaire

DPT Series Post-Top Luminaire

MAINTAIN YOUR DAY FORM. MODERNIZE THE POST-TOP WITH EASE.

Don't get fooled into purchasing new luminaires or losing compliance with other decorative post-top lighting solutions. With the DPT Series, you can have all the great benefits of performance, energy savings and reduced maintenance of a LED luminaire, because it's designed to be a "luminaire within a luminaire." Designed to replace up to 70W Metal Halide or High Pressure Sodium and up to 175W Mercury Vapor lamps, the DPT luminaire utilizes a standalone UL 1598 compliant light engine and a universal mounting base that can be mounted in new or existing installations with both medium and mogul base sockets. Preserve the historic look of the streetscape, maintain safety and eliminate compliance hurdles with the DPT Series.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate compliance hurdles
- Reduce waste by using the existing luminaire
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 3000K (+/-175K)
- Made with Cree® LED Technology
- Utilizes a standalone UL 1598 compliant light engine
- Suitable for damp locations
- 6kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2

APPLICATIONS

- Government, education, municipal, roadway

CREE

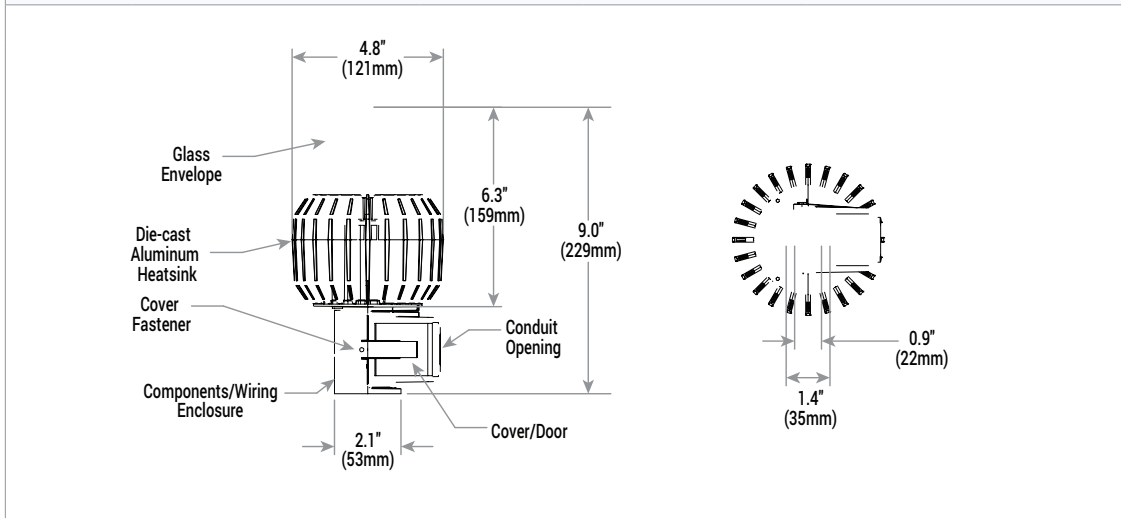# DPT Series Post-Top Luminaire

Ordering Information

Example: DPT-A-SB-FR-A-30K-UL-UF

PRODUCT	VERSION	MOUNTING	LENS	INPUT POWER	CCT	VOLTAGE	COLOR
DPT	A	SB Surface Base	FR Frosted Glass Lens	A 34W	30K 3000K **40K** 4000K	U Universal 120-277V	UF Unfinished

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

LED DECORATIVE POST TOP LUMINAIRE

- Glass Envelope
- Die-cast Aluminum Heatsink
- Cover Fastener
- Components/Wiring Enclosure
- Conduit Opening
- Cover/Door

4.8" (121mm)
6.3" (159mm)
9.0" (229mm)
2.1" (53mm)
0.9" (22mm)
1.4" (35mm)

Accessory Information

EXTERNAL BACKLIGHT SHIELD OPTIONS

Backlight Control Shield

DPT-BLS
- No hardware required
- May not be used in combination with the uplight shield

Uplight Shield for Base-Down Applications

DPT-ULSBD
- Provides 65% cutoff
- Required for DLC qualification
- May not be used in combination with the backlight control shield

You May Also Be Interested In:

OSQ SERIES AREA
Low-Profile Area Lighting Solutions

XSP SERIES WALL PACK
Affordable Site Lighting Solutions

304 SERIES™ PARKING STRUCTURE
Low-Profile Parking Structure Lighting Solutions

Traditional Post-Top Upgrade Kit

YESTERDAY'S PRODUCTS, TODAY'S TECHNOLOGY.

Powered by BetaLED® Technology, the Cree® Traditional Post-Top Upgrade Kit allows owners to seamlessly transform their existing inefficient post-top luminaires with poor optical control into energy-efficient, low-maintenance LED luminaires. The result is improved optical control and target efficacy that combines a classic day-form style with a beautiful nightscape appearance. The easy-to-install upgrade kit uses most of the existing fixture, resulting in little waste while maintaining a consistent look — a seamless transition from yesterday to today.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Reduce waste by using the existing luminaire
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 2700K (+/-300K), 4000K (+/-300K)
- Utilizes BetaLED® Technology
- Patented NanoOptic® Technology
- UL wet listed
- 10K surge suppression protection tested in accordance with IEEE/ANSI C62.41.2

APPLICATIONS

- Government & municipal, roadway

BXRAAA
Kit for Holophane®
Granville Acorn

BXRAAB
Kit for Holophane®
Washington PostLite® Acorn

BXRAAD
Kit for King Luminaire
Washington Acorn

BXRAAE
Kit for Holophane®
Esplanade® Teardrop

BXRAAF
Kit for Lumec® New
Westminster Globe

BXRAAH
Kit for Holophane® Granville
Utility Acorn w/ Hinged Door

BXRAAK
Kit for Holophane® Granville
Utility Acorn w/ Removable Door
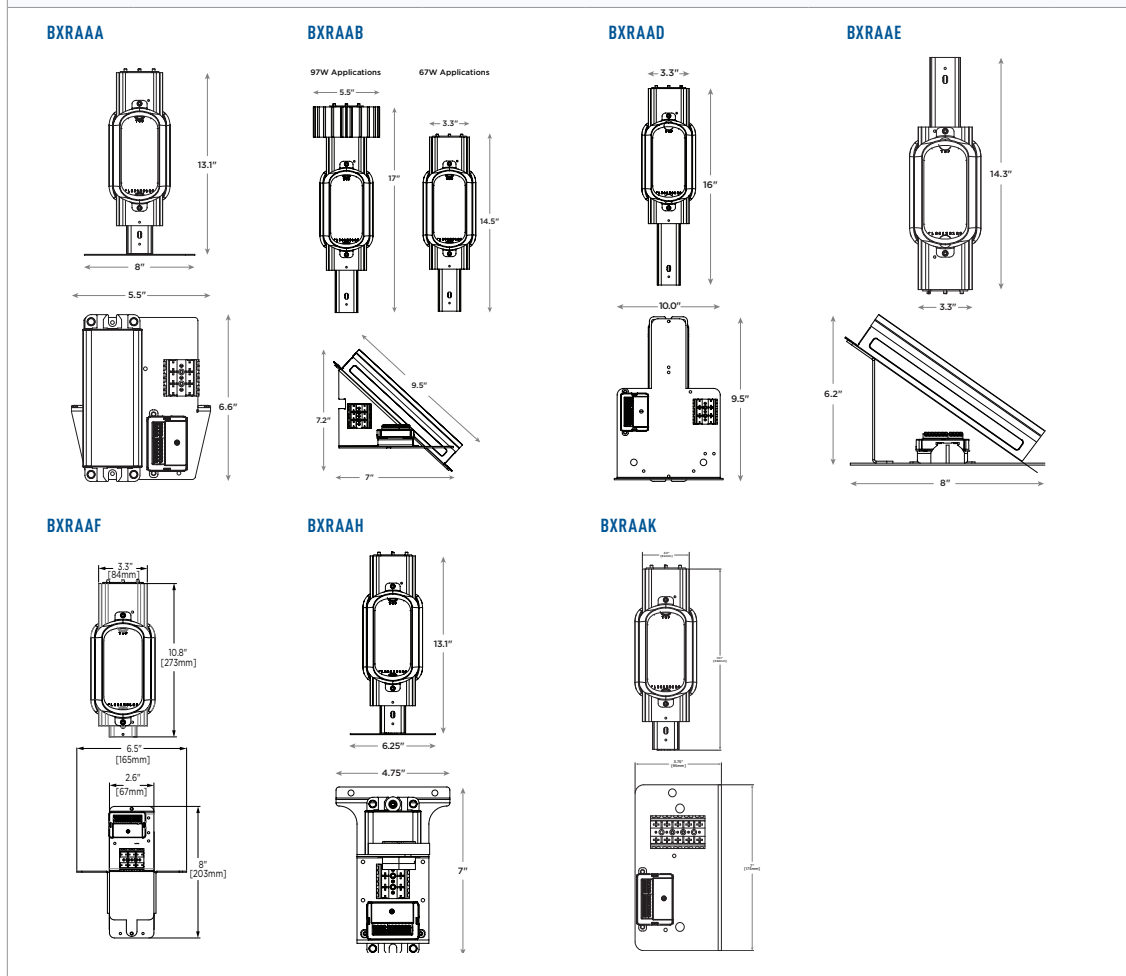

CREE ✦

Traditional Post-Top Upgrade Kit

Ordering Information

Example: BXRA-A-H-5-3-U-D-7-Y

PRODUCT	VERSION	STYLE	OPTIC	# OF SIDES	VOLTAGE	INPUT POWER	COLOR TEMPERATURE	OPTIONS
BXRA	A	**A** Holophane® Granville Acorn **B** Holophane® Washington PostLite® Acorn **D** King Luminaire Washington Acorn **E** Holophane® Esplanade® Teardrop **F** Lumec® New Westminster Globe **H** Holophane® Granville Utility Acorn w/ Hinged Door **K** Holophane® Granville Utility Acorn w/ Removable Door	**5** Symmetric Module	3	**U** Universal 120-277V **V** Universal 347-480V	**D** 65W-68W **X** 97W	**1** 2700K CCT **7** 4000K CCT	**Y** 0-10V Dimming

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

TRADITIONAL POST-TOP UPGRADE KITS

BXRAAA

BXRAAB

97W Applications   67W Applications

BXRAAD

BXRAAE

BXRAAF

BXRAAH

BXRAAK

You May Also Be Interested In:

CREE EDGE™ SERIES WALL MOUNT
Wall Mount Lighting Solutions

CREE EDGE™ SERIES AREA
Sleek, Modular Area Lighting Solutions

CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LED CANOPY & SOFFIT

Commercial and retail canopy lighting plays a vital role in the appearance and perception of a business. Traditional lighting products can leave businesses looking unsafe and uninviting due to reduced light levels and random lamp outages over time. Cree® LED products can offer a better approach resulting in significant energy and maintenance savings while improving illumination performance and appearance of a business during nighttime hours.

CPY Series

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Direct and pendant mounts
- Flat or drop lenses available
- Upgrade kit options
- Slim, low-profile design

228 Series™

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Multi-Level options
- Upgrade kit options
- Modular, low-profile design

304 Series™

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Driver centrally located
- Convenient electrical inspection access from below
- Modular, low-profile design

Cree Edge™ Series

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Two-Level options
- Modular, low-profile design

CPY Series Canopy & Soffit

"BEST IN CLASS" PERFORMANCE STANDARD.

When compared to similar LED solutions in a typical canopy application, the CPY250™ fixture delivers up to 15% increased performance under the canopy while consuming 5 to 15% less power. Available in both flat and 1" prismatic drop lens, the CPY250™ fixture provides two illumination aesthetics to meet both the visual, as well as the vertical and horizontal illumination performance needs of a typical canopy/soffit application.

BENEFITS

- Superior illumination performance
- Quick and easy installation
- Low total cost of ownership
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- UL listed
- Flat or drop lens option
- 0-10V dimming option (120W)
- Direct surface mount or pendant mount
- Slim, low-profile design
- Exclusive Colorfast DeltaGuard® Finish

APPLICATIONS

- Airport, healthcare, petroleum & convenience store, restaurant & hospitality

CPY Series - Flat Lens

CPY Series - Drop Lens

CREE

CPY Series Canopy & Soffit

Ordering Information

Example: CPY250-A-DM-D-A-UL-WH-DIM

PRODUCT	VERSION	MOUNTING	OPTIC	INPUT POWER DESIGNATOR	VOLTAGE	COLOR OPTIONS	FACTORY INSTALLED OPTIONS
CPY250	A	DM Direct PD Pendant	D 0.91" (23mm) Drop Lens F Flat Lens	A 82W B 120W C 43W D 140W	UL Universal 120-277V UH Universal 347-480V	WH White SV Silver BZ Bronze BK Black	DIM 0-10V Dimming ML Multi-Level PML Programmable Multi-Level 40K 4000K

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

DIRECT MOUNT - CANOPY UPGRADE KITS

Used when replacing HID luminaires in existing open canopies.
XA-BXCCMW - for use with Jet-Phillips canopy luminaires
XA-BXCCNW - for use with Elsco Franciscan canopy luminaires
XA-BXCCPW - for use with LSI Dakota or Masters canopy luminaires
XA-BXCCQW - for use with Whiteway Riviera or Rig-A-Lite canopy luminaires
XA-BXCCRW - for use with Elsco Merrit canopy luminaires
XA-BXCCSW - for use with LSI Richmond or Whiteway Civic canopy luminaires

DIRECT MOUNT - JUNCTION BOX / STEM KIT

XA-BXCCJBOX - 6.0" (152mm) H x 3/4" (19mm) NPT Stem

DIRECT MOUNT - BEAUTY PLATE

Metal plate used when replacing surface-mounted HID luminaires.
Painted Colorfast DeltaGuard® white.
XA-BXCCBPW - Square 26"
XA-BXCCBPB12W - Beauty Plate w/ 12" (305mm) Backer
XA-BXCCBPB16W - Beauty Plate w/ 16" (406mm) Backer

PENDANT MOUNT - FITTING

XA-PSFTG - Pendant Fitting

PENDANT MOUNT KITS

Pendant height from ceiling surface to bottom of fixture; mounting accessories or suface boxes will add to overall height
XA-PS22KIT* - 22" (559mm)
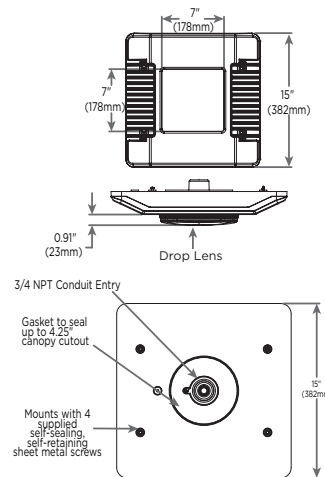XA-PS12KIT* - 12" (305mm)
XA-PS18KIT* - 18" (457mm)

HAND-HELD REMOTE

XA-SENSREM - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

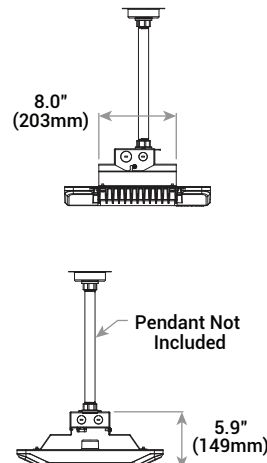## Dimensions

DIRECT MOUNT

7" (178mm)
7" (178mm)
15" (382mm)
0.91" (23mm)
Drop Lens

3/4 NPT Conduit Entry
Gasket to seal up to 4.25" canopy cutout
15" (382mm)
Mounts with 4 supplied self-sealing, self-retaining sheet metal screws

PENDANT MOUNT

8.0" (203mm)

Pendant Not Included

5.9" (149mm)

You May Also Be Interested In:

OSQ SERIES AREA
Low-Profile Area Lighting Solutions

XSP SERIES WALL PACK
Affordable Site Lighting Solutions

LEDWAY® SERIES STREET LIGHTS
Versatile Street Light Solutions

228 Series™ Recessed Canopy and Soffit

INNOVATIVE MODULAR DESIGN AND EASY INSTALLATION.

228 Series™ luminaires dramatically improve site appearance while substantially reducing energy and maintenance costs. The 228 Series™ luminaires are designed for multi-purpose use in exterior canopies such as petroleum stations, drive-thru banks and restaurants, and indoor retail or industrial spaces. The flexible 30- to 90-LED configurations allow for increased visibility and safety below canopies and around building perimeters. The 90-LED luminaires are ideal for areas requiring high illuminance levels.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty
- Designed for easy installation
- Suitable for use in single or double skin canopies with 12" or 16" panels
- Serviceable from below the canopy deck

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Serviceable from below the canopy deck
- Field adjustable drive current
- Modular, low-profile design

APPLICATIONS

- Airport, auto dealership, corporate & office, education, government & municipal, healthcare, petroleum & convenience store, restaurant & hospitality, retail & grocery

228 Series™ Recessed Canopy

228 Series™ Recessed Soffit

CREE ⬍

228 Series™ Recessed Canopy and Soffit

Ordering Information

Example: CAN-228-PS-RM-06-E-UL-WH-700-ML

FAMILY	PRODUCT	OPTIC	MOUNTING		# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
CAN SFT	228	5M Type V Medium PS Petroleum Symmetric SL Sparkle Petroleum	RM Recessed RR Recessed Remodel RT1 Upgrade for Elsco Franciscan Series RT2 Upgrade for LSI Dakota or Masters Series RT3 Upgrade for Whiteway Riviera 2 or Rig-A-Lite Series	RT4 Upgrade for Elsco Merritt Series RT5 Upgrade for Jet-Philips Series RT6 Upgrade for LSI Richmond or Whiteway Civic Series	03 06 09	E	UL Universal 120-277V UH Universal 347-480V 12 120V 27 277V	BK Black BZ Bronze WH White	350 350mA 525 525mA 700 700mA 900 900mA	40K 4000K CCT DIM 0-10V Dimming IC IC Rated ML Multi-Level PML Programmable Multi-Level

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

UPGRADE PLATE KIT (CAN-228 MODELS ONLY)

Used when replacing recessed HID luminaires in existing open canopies.
For use with canopies that are greater than 2-1/2" in height:
XA-CT30F021W - for use with 30-LED canopy lights
XA-CT60F021W - for use with 60-LED canopy lights
XA-CT90F021W - for use with 90-LED canopy lights
For use with shallow canopies that are less than 2-1/2" in height:
XA-CT30F021WS - for use with 30-LED canopy lights
XA-CT60F021WS - for use with 60-LED canopy lights
XA-CT90F021WS - for use with 90-LED canopy lights

UPGRADE PLATE KIT – PLASTIC (CAN-228 MODELS ONLY)

Kits without backer plates—for use with canopies that have maximum of 7" diameter cut hole:
XA-CT30B047W - for use with 30-LED canopy lights
XA-CT60B047W - for use with 60-LED canopy lights
XA-CT90B047W - for use with 90-LED canopy lights
Kits without backer plates—for use with 12" or 16" canopies that have maximum of 10" x 10" diameter cut hole:
XA-CT30C241W - for use with 30-LED canopy lights
XA-CT60C241W - for use with 60-LED canopy lights
XA-CT90C241W - for use with 90-LED canopy lights
Kits without backer plates—for use with 16" canopies that have maximum of 12" diameter or 12" x 12" cut hole:
XA-CT30C642W - for use with 30-LED canopy lights
XA-CT60C642W - for use with 60-LED canopy lights
XA-CT90C642W - for use with 90-LED canopy lights

UPGRADE PLATE KIT – METAL (CAN-228 MODELS ONLY)

Metal plate used when replacing surface-mounted HID luminaires. Painted DeltaGuard® white. Must be field cut to match luminaire opening.
XA-CTP26X24WT - Spans two 12" deck panels
XA-CTP26X32WT - Spans two 16" deck panels

Accessory Information

HAND-HELD REMOTE

XA-SENSREM
-For successful implementation of programmable multi-level option, a minimum of one hand-held remote is required

MOUNTING C CHANNELS (SFT-228 MODELS ONLY)

XA-MC14 Mounting C Channel - 14" (356mm) Long
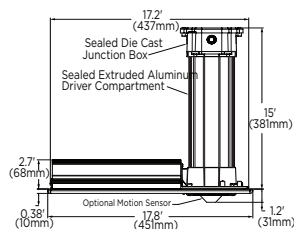**XA-MC22** Mounting C Channel - 22" (559mm) Long
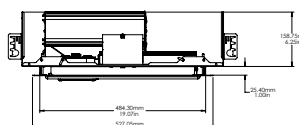**XA-MC30** Mounting C Channel - 30" (762mm) Long

MOUNTING BRACKETS (SFT-228 MODELS ONLY)

XA-MB4 - Kit contains 4
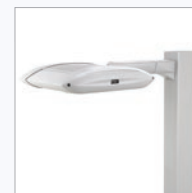
Dimensions

228 SERIES™ RECESSED CANOPY

228 SERIES™ RECESSED SOFFIT

You May Also Be Interested In:

CREE EDGE™ SERIES AREA
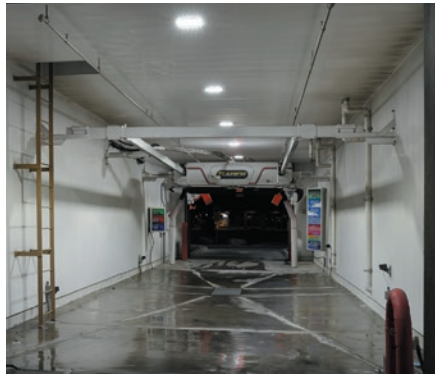Sleek, Modular Area Lighting Solutions

XSP SERIES WALL PACK
Affordable Site Lighting Solutions

LEDWAY® SERIES STREET LIGHTS
Versatile Street Light Solutions

304 Series™ Recessed Canopy and Soffit

AN INVESTMENT IN SAVINGS THAT LOOKS GREAT FOR YEARS.

The 304 Series™ canopy luminaire can dramatically improve illumination performance while saving significant energy consumption. In addition, since it is designed to operate nearly maintenance-free for more than a decade, routine service calls and disruptions required of traditional technologies can be a thing of the past. Available in 40- or 60-LED configurations, multiple optical distributions, drive currents and mounting options, the CAN-304 is an affordable solution that's not short on performance.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- International Dark Sky Association approved
- Centrally-located driver provides ease of installation and through-wiring (daisy chaining luminaires)
- Convenient electrical inspection access from below the luminaire

APPLICATIONS

- Airport, auto dealership, corporate & office, education, government & municipal, healthcare, industrial & warehouse, pedestrian & recreation, petroleum & convenience store, restaurant & hospitality, retail & grocery, roadway

304 Series™ Recessed Canopy

304 Series™ Recessed Soffit

CREE ✢™

304 Series™ Recessed Canopy and Soffit

Example: CAN-304-5M-RD-04-E-UL-WH-700-ML

PRODUCT	OPTIC	MOUNTING	# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
CAN 304 **SFT 304**	**5M** Type V Medium **5S** Type V Short **PS** Petroleum Symmetric **SL** Sparkle Petroleum	**RM** Recessed **RS** Recessed Single Skin **RD** Recessed Double Skin **RT1** Upgrade for Elsco Franciscan Series **RT2** Upgrade for LSI Dakota or Masters Series **RT3** Upgrade for Whiteway Riviera 2 or Rig-A-Lite Series **RT4** Upgrade for Elsco Merritt Series **RT5** Upgrade for Jet-Philips Series	**04** **06**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V **12** 120V **27** 277V	**WH** White **SV** Silver **BZ** Bronze **BK** Black	**350** 350mA **525** 525mA **700** 700mA	**40K** 4000K CCT **DIM** 0-10V Dimming **F** Fuse **ML** Multi-Level **PML** Programmable Multi-Level **IC** IC Rated

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

304 SERIES™ RECESSED CANOPY	304 SERIES™ RECESSED SOFFIT
RD MOUNT	**RM MOUNT**
6.1" [155mm] 6.6" [169mm] 14.0" SQ [356mm]	8.3" [210mm] 8.8" [224mm] 14.0" SQ [356mm] 17.0" SQ [432mm]

You May Also Be Interested In:

304 SERIES™ FLOOD
Low-Profile Flood Lighting Solutions

304 SERIES™ PARKING STRUCTURE
Low-Profile Parking Structure Lighting Solutions

304 SERIES™ INTERIOR
High-Performance Interior Lighting Solutions

Cree Edge™ Series Surface Mount Canopy

Cree Edge™ Surface Mount Canopy

THE PRODUCT THAT HELPED START A REVOLUTION.

Successfully launched in 2007, Cree Edge™ canopy products helped set the standard for performance and value. Available in a variety of LED counts, multiple drive currents and more than 20 optical distributions, Cree Edge™ canopy luminaires offer a scalable solution that provides exacting illumination performance. Built utilizing BetaLED® Technology, Cree Edge™ canopy luminaires have continued to advance over the years and offer more value today than ever before.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- International Dark Sky Association approved
- Compliance IES BUG ratings available
- Photometric testing to IESNA-79-08 standards
- Two-Level options
- Modular, low-profile design

APPLICATIONS

- Airport, auto dealership, corporate & office, education, government & municipal, healthcare, industrial & warehouse, petroleum & convenience store, restaurant & hospitality, retail & grocery, roadway

CREE

Cree Edge™ Series Surface Mount Canopy
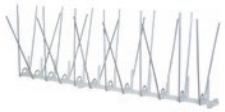
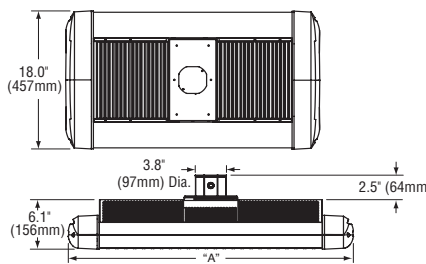## Ordering Information

Example: CAN-EDG-3M-DM-06-E-UL-SV-525-ML

FAMILY	PRODUCT	OPTIC		MOUNTING	# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
CAN	EDG	1S Type I Short 3M Type III Medium 5M Type V Medium 5S Type V Short PS Petroleum Symmetric SL Sparkle Petroleum	15 15° Flood 25 25° Flood 40 40° Flood 70 70° Flood	DM Direct PD Pendant UP Uplight	04 06 08 10 12 14 16 20 24	E	UL Universal 120-277V UH Universal 347-480V 34 340V	WH White SV Silver BZ Bronze BK Black	350 350mA 525 525mA 700 700mA	40K 40K CCT DIM 0-10V Dimming F Fuse HL High/Low (175/350/525, Dual Circuit Input) ML Multi-Level P Photocell PML Programmable Multi-Level

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

BIRD SPIKE OPTION (DM AND PD MOUNTS ONLY)	ADAPTOR PLATE KIT (DM MODELS ONLY)	LEVELER (PD MODELS ONLY)	PENDANT KIT OPTIONS (PD MODELS ONLY)	PENDANT FITTING (PD MODELS ONLY)	HAND-HELD REMOTE
XA-BRDSPK	XA-CLSB16 - For use when mounting fixture to solid surfaces	XA-PNDTLVL - For 0–13° sloped ceilings	XA-CL12KIT - 12" (305mm)* XA-CL18KIT - 18" (457mm)* XA-CL22KIT - 22" (559mm)* * Pendant height to bottom of fixture; mounting accessories or surface boxes will add to overall height.	XA-PSFTG XA-CLHOOK - 3/4" hook adaptor	XA-SENSREM -For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

Dimensions

CREE EDGE™ SURFACE MOUNT CANOPY

DM MOUNT

18.0" (457mm)

3.8" (97mm) Dia.

2.5" (64mm)

6.1" (156mm)

"A"

# of LEDs	Dim. "A"
40	16.06"
60	18.06"
80	16.06"
100	18.06"
120	20.06"
140	22.06"
160	24.06"
200	28.06"
240	32.06"

You May Also Be Interested In:

VG SERIES PARKING STRUCTURE
Scalable, Versatile Parking Structure Solutions

CREE EDGE™ SERIES WALL MOUNT
Wall Mount Lighting Solutions

CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LED PARKING STRUCTURE

There are few better opportunities for LED lighting than parking structures. Typical parking structures operate 24 hours a day, seven days a week. That's a lot of wasted energy and maintenance costs when using traditional light sources. Cree® LED solutions in this space can provide significant energy and maintenance savings, as well as improved illumination performance and reliability.

IG Series

- Minimum 80 CRI
- CCT: 4000K, 5700K
- Utilizes WaveMax™ Technology
- Acrylic Lenses with DiamondFacet™ optical elements
- Technology driven design
- 8% Uplight
- UL wet listed
- IP66 rated
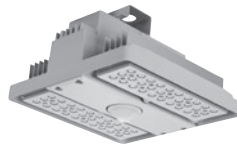
304 Series

- Minimum 70 CRI
- CCT: 4000K, 5700K
- UL wet listed, IP66 rated
- Multi-Level options, integrated occupancy sensor
- Modular, low-profile design

VG Series

- Minimum 70 CRI
- CCT: 4000K, 5700K
- UL wet listed, IP66 rated
- Multi-Level options, integrated occupancy sensor
- Compact low-profile design

IG Series Parking Structure

LOW-GLARE ILLUMINATION WITH HIGH-ENERGY EFFICIENCY

Lighting the parking garage presents particular challenges, and the IG Series with WaveMax™ Technology is built for the job. WaveMax™ Technology provides unmatched low-glare comfort and decreased LED source luminance to cast rich illumination that maximizes detail and defeats shadows. The IG Series delivers unprecedented low-glare illumination, exceptional energy efficiency and fast payback, redefining how you think about parking garage lighting.

BENEFITS

- Low-glare illumination
- Low energy consumption
- Easy installation
- Standard 10-year limited warranty on luminaire

FEATURES

- Minimum 80 CRI
- CCT: 4000K, 5700K
- Initial Delivered Lumens: 4,000 or 7,500 lumens
- Efficacy: 118 or 115 LPW
- Utilizes WaveMax™ Technology
- Acrylic Lenses with DiamondFacet™ optical elements
- Low profile, lightweight design
- 8% Uplight
- IP66 rated

APPLICATIONS

- Parking garage luminaires for Retail, Healthcare, Airport, Education and Government

IG Series

CREE ✦

IG Series Parking Structure

Ordering Information

Example: **Mount**: IG-JB-WH + **Luminaire**: IG-A-NM-5S-A-40K-UL-WH-PML

Fully assembled luminaire is composed of two components that must be ordered separately

MOUNT (Luminaire must be ordered separately)	
IG **IG-JB** Junction Box **IG-PD** Pendant	WH Color Options: WH White

LUMINAIRE (LUMINAIRE MUST BE ORDERED SEPARATELY)							
IG	NM	5S				WH	
PRODUCT	MOUNTING	OPTIC	INPUT POWER DESIGNATOR	CCT	VOLTAGE	COLOR	OPTIONS
IG	NM No Mount	5S Type V Short	A 33W, 4,000 lumens - 120 LPW J 65W, 7,500 lumens -115 LPW	40K 4000K **57K** 5700K	UL 120-277V **34** 347V	WH White	PML Programmable Multi-Level - Refer to PML spec sheet for details

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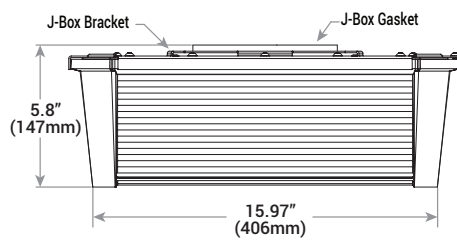
Accessory Information
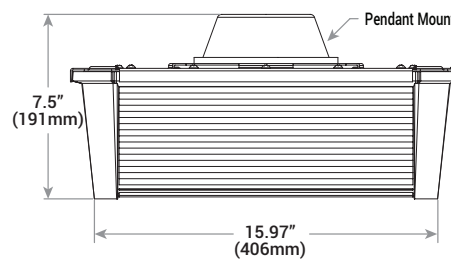
FIELD-INSTALLED
Hand-Held Remote XA-SENSREM - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

Dimensions

IG SERIES PARKING STRUCTURE

BOX MOUNT

J-Box Bracket · J-Box Gasket

5.8"
(147mm)

15.97"
(406mm)

Weight: 10 lbs. (4.5kg)

PENDANT MOUNT

Pendant Mount

7.5"
(191mm)

15.97"
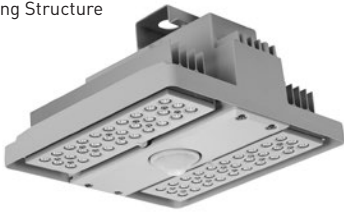(406mm)

Weight: 10 lbs. (4.5kg)

You May Also Be Interested In:

OSQ SERIES AREA
Sleek, Modular Area Lighting Solutions

CPY SERIES CANOPY
Outdoor Canopy Solutions

CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

304 Series™ Parking Structure

304 Series™ Parking Structure

AN OPERATING BUDGET'S NEW BEST FRIEND.

Although LED solutions are well-suited for many applications today, few have the potential to match the opportunity parking structures offer in terms of energy and maintenance savings. Our 304 Series™ luminaire is uniquely qualified to meet the needs in this space, providing improved illumination performance while significantly reducing energy and maintenance costs. Available in 40- or 60-LED configurations, three power conditions and multiple optical distributions, the 304 Series Parking Structure luminaire is an affordable solution that's not short on performance. Add our optional integrated occupancy sensor and make a great energy savings story even better.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K, 5700K
- Utilizes BetaLED® Technology
- UL wet listed
- Multi-Level options
- Integrated occupancy sensor
- Low-profile design

APPLICATIONS

- Airport, corporate & office, education, healthcare and retail

CREE ⇕

304 Series™ Parking Structure

Ordering Information

Example: PKG-304-5M-HC-04-E-UL-SV-525-ML

FAMILY	PRODUCT	OPTIC	MOUNTING	# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
PKG	304	**5M** Type 5 Medium **5S** Type 5 Short **PS** Petroleum Symmetric **SL** Sparkle Petroleum **40** 40-degree	**DM** Direct Mount **HC** Hook and Cord **PD** Pendant Mount	**04** **06**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V	**SV** Silver **BZ** Bronze **BK** Black **WH** White	**350** 350mA **525** 525mA **700** 700mA (Standard)	**40K** 4000K CCT **DIM** 0-10V Dimming **F** Fuse **ML** Multi-Level (75/525) **J** Alternate Junction Box

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

FIELD-INSTALLED	
Pendant Mount Kits Pendant height from ceiling surface to bottom of fixture; mounting accessories or surface boxes will add to overall height **XA-PS12KIT** – 12" (305mm) **XA-PS18KIT** – 18" (457mm) **XA-PS22KIT** – 22" (559mm)	**Hook & Cord Mount Locking Type Plug** **XA-L515P** – 120V **XA-L615P** – 208/240V **XA-L715P** – 277V **XA-L3720P** – 347V
Pendant Mount Fitting **XA-PSFTG** – Pendant Fitting	**Hook & Cord Mount Locking Type Receptacle** **XA-L515R** – 120V **XA-L615R** – 208/240V **XA-L715R** – 277V **XA-L720R** – 347V
Pendant Mount Leveler **XA-PNDTLVL** – Leveler for 0-13˚ Sloped Ceilings	
Bird Guard **XA-XCPBRDGRD** – For Pendant or Hook & Cord Mount Only	**Hook & Cord Mount Steady Lock** **SL-C** – Steady Lock for Eyebolt

Dimensions

304 SERIES™ PARKING STRUCTURE

DM MOUNT

7.5"

12"

12"

You May Also Be Interested In:

CREE EDGE™ SERIES CANOPY
Low-Profile, Easy-Mount Canopy Lighting Solutions
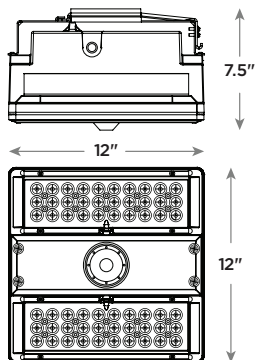

CPY SERIES CANOPY
Outdoor Canopy Solutions

CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

VG Series Vehicle Garage Luminaire

VG Series

REIMAGINE PARKING STRUCTURES WITH UNIFORM LED LIGHTING.

The VG Series parking structure luminaire delivers optimal, low-glare illumination by intelligently eliminating direct view of the LEDs with a revolutionary optical system. The state-of-the-art optical system combines the use of indirect view LEDs, an internal reflector and a precision designed lens to distribute illumination at key angles with low glare, exceptional uniformity and desirable uplight. Whether it's an existing parking structure or new construction, the VG Series with its high-performance optical system, architectural aesthetic design and low initial cost delivers where it matters.

BENEFITS

- Indirect view optical system
- Low glare and exceptional uniform lighting
- Easy and quick installation
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K, 5700K
- UL wet listed, IP66 rated
- Multi-Level options, integrated occupancy sensor
- Modular, low-profile design

APPLICATIONS

- Airport, corporate & office, education, healthcare, and retail

CREE

VG Series Vehicle Garage Luminaire
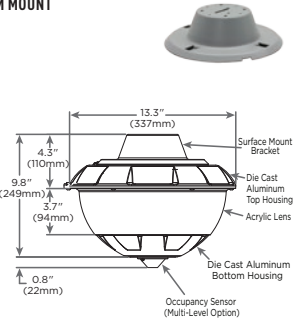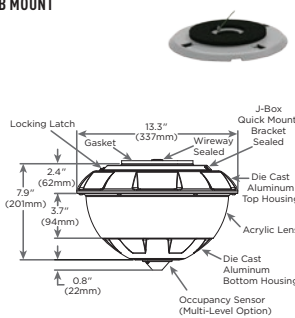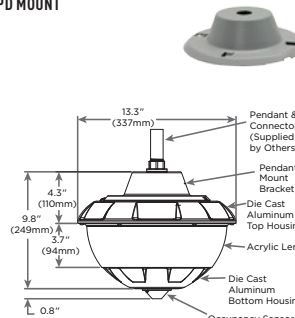
Ordering Information

Example: VG-A-DM-5M-A-40K-UL-SV

PRODUCT	VERSION	MOUNTING	OPTIC	INPUT POWER DESIGNATOR	CCT	VOLTAGE	COLOR OPTIONS	OPTIONS
VG	A	**DM** Surface Direct Mount **JB** J-Box Mount **PD** Pendant Mount	**5M** Symmetric Medium **5W** Symmetric Wide	**A** 50W	**40K** 4000K **57K** 5700K	**UL** Universal 120-277V	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**ML** Multi-Level **PML** Programmable Multi-Level

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

PERIMETER SHROUD
XA-PS

BIRD SHROUD
VG-BS
not available with JB Mount

HAND-HELD REMOTE
XA-SENSREM
for PML Option

Dimensions

VG SERIES PARKING STRUCTURE

DM MOUNT

JB MOUNT

PD MOUNT

You May Also Be Interested In:

OSQ SERIES AREA
Sleek, Modular Area Lighting Solutions

CPY SERIES CANOPY
Outdoor Canopy Solutions

CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LED FLOOD

The term flood lighting seems to imply limited optical control. Not from a Cree® lighting solution. Cree LED Flood products featuring patented BetaLED® Technology provide exacting control to meet a wide range of applications. From general illumination for parking lots to tight beams of light that precisely accent architecture and flags, Cree has the optical choices and control needed to effectively illuminate most any application.

OSQ Series   p.154

- Minimum 70 CRI (4000K, 5700K), 80 CRI (3000K)
- CCT: 3000K (+/- 300K), 4000K (+/- 300K), 5700K (+/- 500K)
- Utilizes NanoOptic® Technology
- Wattages: 112W to 223W
- cULus Listed

Cree Edge™ Series   p.156

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Modular, low-profile design

304 Series™   p.158

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Low-profile design

OL Series™   p.160

- Minimum 70 CRI
- CCT: 3500K (+/-100K), 4000K (+/-100K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Step and continuous dimming options
- 360° adjustability in 5° increments
- Available in 2-, 4- and 8-foot lengths

OSQ Series Flood

FAÇADES THAT INVITE AND IMPRESS.

Improve the overall look of your facades and signage with the OSQ™ LED luminaire. The slim, low profile design adds architectural appeal to any general flood lighting application with crisp uniform white light. With remarkable color quality and smooth white light, buildings and signage will stand out in the crowd.

BENEFITS
• Suitable upgrade for HID applications up to 750 Watts • Simple installation and angle adjustment • Slim, low-profile design • Improved energy and maintenance savings • Standard 10-year limited warranty

FEATURES
• Minimum 70 CRI (4000K & 5700K); 80 CRI (3000K) • CCT: 4000K (+/- 300K), 5700K (+/- 500K) • Utilizes BetaLED® Technology • Utilizes NanoOptic® Technology • cULus Listed

APPLICATIONS
• Airport, Auto Dealership, Corporate & Office, Education, Government, Healthcare, Industrial & Warehouse, Municipal, Pedestrian, Petroleum & Convenience Stores, Recreation & Public Venues, Restaurants & Hospitality, Retail & Grocery, Roadway

OSQ™ Flood with AA Mount

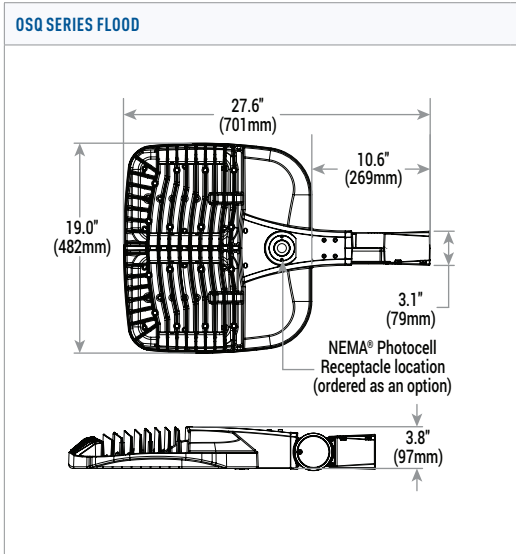**CREE**

OSQ Series Flood

Ordering Information

Example: **Mount**: OSQ-AA-SV + **Luminaire**: OSQ-A-NM-2ME-A-40K-UL-SV

MOUNT		COLOR OPTIONS	
OSQ-AA Adjustable Arm		**BK** Black **BZ** Bronze	**SV** Silver **WH** White

PRODUCT	VERSION	MOUNTING	OPTIC	INPUT POWER DESIGNATOR	CCT	VOLTAGE	COLOR OPTIONS	OPTIONS
OSQ	A	NM No Mount	WSN Wide **15D** 15° Flood **25D** 25° Flood **40D** 40° Flood **60D** 60° Flood	A 112W **(Medium)** J 168W **(Medium)** S 223W (Large)	**30K** 3000K **40K** 4000K **57K** 5700K	UL Universal 120–277V UH Universal 347–480V	BK Black BZ Bronze SV Silver WH White	DIM 0-10V Dimming F Fuse ML Multi-Level PML Programmable Multi-Level, 30-40' Mounting PML2 Multi-Level, 20' Mounting Height Q9 Field Adjustable Output R NEMA® Photocell Receptacle RL Rotate Left RR Rotate Right

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
* Available with Backlight Shield when ordered with field-installed accessory

Dimensions

OSQ SERIES FLOOD

27.6" (701mm)
10.6" (269mm)
19.0" (482mm)
3.1" (79mm)
NEMA® Photocell Receptacle location (ordered as an option)
3.8" (97mm)

Accessory Information

BACKLIGHT SHIELD

OSQ-BLSMF – Front facing optics
OSQ-BLSMR – Rotated optics

HAND-HELD REMOTE

XA-SENSREM for PML Option

Cree Edge™ Series Flood

A FLOOD LIGHTING SOLUTION WITH PRECISE OPTICAL CONTROL.

Featuring BetaLED® Technology, Cree Edge™ Flood products offer precise optical control that is not typically synonymous with flood lighting solutions. Available in multiple optical distributions as well as LED counts and power conditions, Cree Edge™ Flood luminaires offer exacting illumination performance that also maximizes energy savings.

BENEFITS

• Improved illumination performance
• Significant energy and maintenance savings
• Eliminate the relamping cycle
• Standard 10-year limited warranty

FEATURES

• Minimum 70 CRI
• CCT: 4000K (+/-300K), 5700K (+/-500K)
• Utilizes BetaLED® Technology
• UL wet listed
• Two-Level options
• Modular, low-profile design

APPLICATIONS

• Airport, auto dealership, corporate & office, education, government & municipal, healthcare, industrial & warehouse, pedestrian & recreation, petroleum & convenience store, restaurant & hospitality, retail & grocery, roadway

Cree Edge™ High Output Flood

Cree Edge™ Flood Square

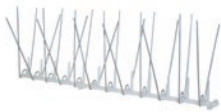**CREE** ⇕

Cree Edge™ Series Flood

Ordering Information

Example: FLD-EDG-15-AA-12-E-UL-SV-525-40K

FAMILY	PRODUCT	OPTIC	MOUNTING	# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
FLD	EHO EDG	N6 NEMA® 6 SN Sign 15 15° 25 25° 40 40° 70 70°	AA Adjustable Arm SA Side Arm Mount HV Horizontal/ Vertical Tenon	02 04 06 08 10 12 14 16 20 24	E	UL Universal 120-277V UH Universal 347-480V	BK Black BZ Bronze SV Silver WH White	350 350mA 525 525mA 700 700mA 1000 1000mA	40K 4000K CCT DIM 0-10V Dimming F Fuse HL High/Low (175/350/525 Dual Circuit Input) P Photocell R NEMA Photocell Receptacle ML Multi-Level (75/525) UP Uplight Configuration

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
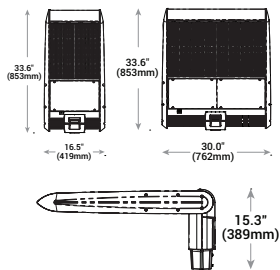
Accessory Information

BIRD SPIKE OPTIONS

XA-BRDSPK
(EDG and EDR models only)
XA-BRDSPKXAK12
(EHO models only for 120 LED luminaires)
XA-BRDSPKXAK24
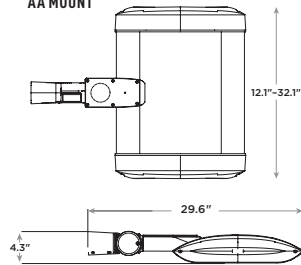(EHO models only for 240 LED luminaires)

Dimensions

CREE EDGE™ HIGH OUTPUT FLOOD

HV MOUNT

33.6"
(853mm)

33.6"
(853mm)

16.5"
(419mm)

30.0"
(762mm)

15.3"
(389mm)

CREE EDGE™ FLOOD SQUARE

AA MOUNT

12.1"–32.1"

29.6"

4.3"

You May Also Be Interested In:

VG SERIES PARKING STRUCTURE
Scalable, Versatile Parking Structure Solutions

CREE EDGE™ SERIES WALL MOUNT
Wall Mount Lighting Solutions

CREE EDGE™ AREA
Sleek, Modular Area Lighting Solutions

304 Series™ Flood

304 Series™ Flood

A VERSATILE LED FLOOD SOLUTION THAT'S ALSO AFFORDABLE.

The Cree 304 Series™ Flood luminaire provides precise optical control with nearly a dozen cataloged distributions to select from to effectively illuminate a wide range of projects. Combined with a yoke mount, our 304 Series Flood luminaire is both versatile and an affordable LED solution that doesn't sacrifice performance.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Ultilizes BetaLED® Technology
- UL wet listed
- Low-profile design

APPLICATIONS

- Airport, auto dealership, corporate & office, education, government & municipal, healthcare, industrial & warehouse, pedestrian & recreation, petroleum & convenience store, restaurant & hospitality, retail & grocery, roadway

CREE ✦

304 Series™ Flood

## Ordering Information

Example: FLD-304-25-06-E-UL-WH-525-40K

FAMILY	PRODUCT	OPTIC		MOUNTING	# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
FLD	304	**2M** Type II Medium **3M** Type III Medium **5M** Type V Medium **5S** Type V Short **N6** NEMA® 6 **SL** Sparkle Petroleum **SN** Sign	**15** 15° Flood **25** 25° Flood **40** 40° Flood **70** 70° Flood	**YM** Yoke Mount	**04** **06**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**350** 350mA **525** 525mA **700** 700mA	**40K** 4000K CCT **DIM** 0-10V Dimming **F** Fuse **ML** Multi-Level **PML** Programmable Multi-Level

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

304 SERIES™ FLOOD

YM MOUNT

12.0"

12.0"

7.8"

14.5"
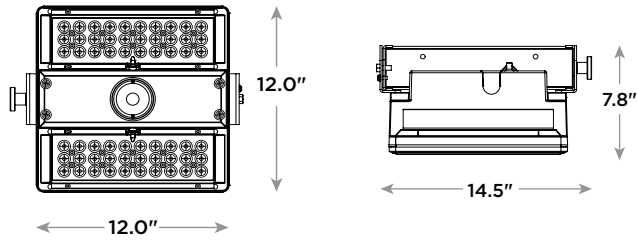
You May Also Be Interested In:

304 SERIES™ CANOPY
Canopy Lighting Solutions

304 SERIES™ PARKING STRUCTURE
Low-Profile Parking Structure Lighting Solutions

304 SERIES™ INTERIOR
High-Performance Interior Lighting Solutions

OL Series™ Linear Flood

OL Series™ Linear Flood

AN OUTSIDE-THE-BOX APPROACH TO FLOOD LIGHTING.

Who says floodlights can't be elegant? Our OL Series™ takes the floodlight away from the old "shoe box" design and into an aesthetically pleasing form that doesn't sacrifice performance. Available in 2-, 4- and 8-foot lengths, the OL Series is durably built for outdoor applications, but with an architectural appeal not found in many solutions today. With multiple optical distributions, LED counts and power conditions, the OL Series is versatile enough for both accent lighting or general illumination needs.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Modular, low-profile design

APPLICATIONS

- Airport, auto dealership, corporate & office, education, government & municipal, healthcare, industrial & warehouse, pedestrian & recreation, petroleum & convenience store, restaurant & hospitality, retail & grocery, roadway

CREE ⬦

OL Series™ Linear Flood

Ordering Information

Example: FLD-OL-25-D4-07-E-UL-WH-700-40K

FAMILY	PRODUCT	OPTIC	MOUNTING	LED COUNT PER FOOT	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
FLD	OL	**2M** Type II Medium **15** 15° Flood **25** 25° Flood **40** 40° Flood **N6** NEMA® 6 **SN** Sign	**D2** Direct Rotatable - 2' (.6m) **D4** Direct Rotatable - 4' (1.2m) **D8** Direct Rotatable - 8' (2.4m)	**07** **14**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**350** 350mA **525** 525mA **700** 700mA (Standard)	**35K** 3500K CCT **40K** 4000K CCT **DIM** 0-10V Dimming

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Field Installed Accessories

9" (229MM) EXTENSION ARM	12" (305MM) EXTENSION ARM	18" (457MM) EXTENSION ARM
Spaces luminaire center 9" (229mm) away from the mounting surface XA-XFR9SV XA-XFR9WH XA-XFR9BK XA-XFR9PB XA-XFR9BZ	Spaces luminaire center 12" (305mm) away from the mounting surface XA-XFR12SV XA-XFR12WH XA-XFR12BK XA-XFR12PB XA-XFR12BZ	Spaces luminaire center 18" (457mm) away from the mounting surface XA-XFR18SV XA-XFR18WH XA-XFR18BK XA-XFR18PB XA-XFR18BZ

Dimensions

OL SERIES™ FLOOD

24.75" for 2'
48.25" for 4'
95.25" for 8'

6.5"

Ø4"

You May Also Be Interested In:

CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

304 SERIES™ FLOOD
Low-Profile Flood Lighting Solutions

304 SERIES™ INTERIOR
High-Performance Interior Lighting Solutions

LED WALL MOUNT

Nothing speaks to security like reliability. Cree® LED products were created utilizing a from-the-ground-up design philosophy that incorporates exceptional thermal management with high-quality components and an unmatched paint finish, making Cree LED solutions highly reliable. The result is an LED system capable of providing more than a decade of near maintenance-free service.

XSP Series

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- Up to 100 lumens per watt
- Two light outputs
- XSP family aesthetics

Cree Edge™ Series

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Multi-Level options
- Modular, low-profile design

XSP Series Wall Pack

XSPW™

SITE SAFETY WITH LOW COST OF OWNERSHIP.

The XSPW™ LED Wall Pack leverages Cree's innovative technology, developed for the industry-leading XSP Series street lights, offering customers a premier site lighting solution that incorporates exceptional thermal management with high-quality components and an unmatched paint finish, making Cree® LED solutions highly reliable. The result is an LED system capable of providing more than a decade of near maintenance-free service.

BENEFITS

- Upgrade existing wall packs with ease
- High-quality, even illumination that is virtually maintenance free
- Up to 65% energy savings compared to Metal Halide
- Eliminate the relamping cycle
- Combine with the XSP Area for a complete site lighting solution

FEATURES

- Minimum 70 CRI
- Utilizes BetaLED® Technology
- NanoOptic® Precision Delivery Grid™ optic
- Exclusive Colorfast DeltaGuard® Finish
- Photocell, Dimming and Multi-Level options available

APPLICATIONS

- Airport, auto dealership, corporate & office, education, government, healthcare, industrial & warehouse, municipal, parking, petroleum & convenience stores, recreation & public venues, restaurants & hospitality, retail & grocery

CREE ⬍

XSP Series Wall Pack

Ordering Information

Example: XSPW-A-0-3-F-C-U-S

PRODUCT	VERSION	MOUNTING	OPTIC	MODULES	INPUT POWER DESIGNATOR	VOLTAGE	COLOR OPTIONS	FACTORY INSTALLED OPTIONS
XSPW	**A**	**0** Wall Mount	**2** Type II Medium **3** Type III Medium	**F** Module 4000K **M** Module 5700K	**C** 42W **G** 25W	**U** Universal 120-277V **1** 120V **2** 208-277V	**Z** Bronze **T** Black **S** Silver **W** White	**Y** 0-10V Dimming **P** Photocell **K** Multi-Level

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

XSPW™ WALL PACK

9.3"
(236mm)

12"
(305mm)

4.8"
(122mm)

3.8"
(97mm)

Multi-Level Sensor
(K Option Only)
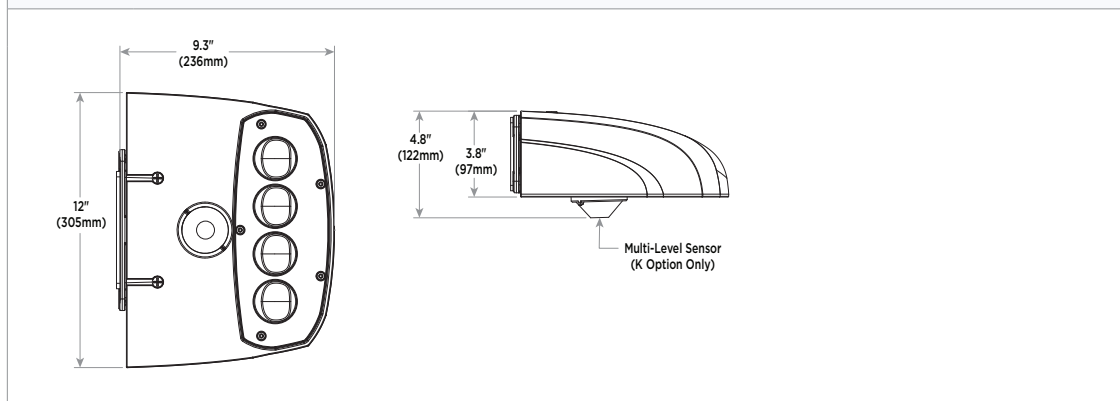
You May Also Be Interested In:

OSQ SERIES FLOOD
Flood Lighting Solutions

XSP SERIES AREA
Aesthetic Area Lighting Solutions

IG SERIES PARKING STRUCTURE
Parking Structure Solutions

Cree Edge™ Series Security

Cree Edge™ Security

BEING SAFE DOESN'T MEAN YOU HAVE TO SACRIFICE STYLE.

Successfully launched in 2007, Cree Edge™ security luminaires helped set the standard for performance and value. Available in 20-LED increments (20 to 120 LEDs), multiple power conditions and optical distributions, Cree Edge™ security luminaires offer a scalable solution that provides precise illumination performance. Built utilizing BetaLED® Technology, Cree Edge™ Security luminaires have continued to advance over the years and offer more value today than ever before.

BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Standard 10-year limited warranty

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- International Dark Sky Association approved
- Multi-Level options
- Modular, low-profile design

APPLICATIONS

- Airport, auto dealership, corporate & office, education, government & municipal, healthcare, industrial & warehouse, pedestrian & recreation, petroleum & convenience store, restaurant & hospitality, retail & grocery

CREE ⬦

Cree Edge™ Series Security

## Ordering Information

Example: SEC-EDG-2M-WM-06-E-UL-SV-525-DIM

PRODUCT	FAMILY	OPTIC		MOUNTING	# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
SEC	EDG	**2M** Type 2 Medium **2MB** Type 2 Medium w/Backlight Shield **2S** Type 2 Short **2SB** Type 2 Short w/Backlight Shield	**3M** Type 3 Medium **3MB** Type 3 Medium w/ Backlight Shield **4M** Type 4 Medium **4MB** Type 4 Medium w/ Backlight Shield	**WM** Wall Mount	**04 06 08 10 12**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V **12** 120V **24** 240V **27** 277V **34** 347V	**BK** Black **BZ** Bronze **SV** Sliver **WH** White	**350** 350mA **525** 525mA **700** 700mA	**40K** 4000K CCT **DIM** 0-10V Dimming **F** Fuse **ML** Multi-Level (75/525) **P** Photocell **PML** Programmable Multi-Level

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information
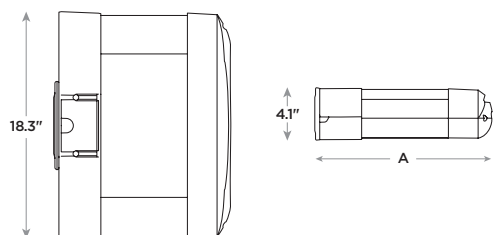
BIRD SPIKE OPTION

XA-BRDSPK
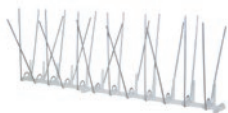
HAND-HELD REMOTE

XA-SENSREM for PML Option

Dimensions

CREE EDGE™ SECURITY

WM MOUNT

18.3" 4.1" A

LED Count (x10)	DIM. "A"	WEIGHT
02	9.9'' (251mm)	20 lbs (9.1kg)
04	11.9'' (303mm)	22 lbs (10.0kg)
06	13.9'' (353mm)	25 lbs (11.3kg)
08	15.9'' (404mm)	27 lbs 2.2kg)
10	17.9'' (455mm)	31 lbs lbs (14.1kg)
12	19.9'' (505mm)	32 lbs (14.5kg)

You May Also Be Interested In:

VG SERIES PARKING STRUCTURE Scalable, Versatile Parking Structure Solutions

CREE EDGE™ AREA Sleek, Modular Area Lighting Solutions

CREE EDGE™ SERIES PATHWAY Pathway Lighting Solutions

Notes

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Bowsher High School - Toledo, OH
OSQ Series Area

FAST COMPANY
2015 MOST INNOVATIVE COMPANIES

It's Official: We're #1 in Energy Innovation.

Each year, Fast Company recognizes companies and products that transform how we consume energy, and for 2015, Cree is #1 in the Energy Innovation sector and #19 in Overall Innovation.

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info@cree.com

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Fax: (800) 890-7507
CreeLightingCanada@cree.com

Customer Service Hours
7am–5pm CST

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