



LED Lighting Catalog

Spring 2014

CREE 

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Cree® LED Lighting

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Cree Quick Ship Program



LOOK TO CREE FOR

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 downlights 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.

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.

THE CREE ADVANTAGE

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.



Cree TrueWhite® Technology

Powered by Cree TrueWhite® Technology, only Cree® LED fixtures can deliver our exclusive combination of industry-leading efficacy (up to 130 lumens per watt), 90+ CRI and consistent warm or cool color temperatures.

The Cree quality advantage begins with mixing the light from Cree® LEDs—among the highest-performing LEDs on the market. Each luminaire is then color tuned as a complete system for the utmost fixture-to-fixture consistency in performance.

The result is beautiful white light with superior color rendering, color consistency over time and temperature, all while using a fraction of the energy of traditional light sources—a true no-compromise solution.

Read more on Page 14.



NanoOptic® Technology

Available in more than 20 distributions, Cree LED fixtures featuring NanoOptic® Technology provide new possibilities for highly optimized and application specific target-illumination performance. The patented refractor system offers superior light control with more lumens delivered in the target area, improved uniformity ratios and controlled high-angle brightness.

Read more on Page 94.

Colorfast DeltaGuard® Finish

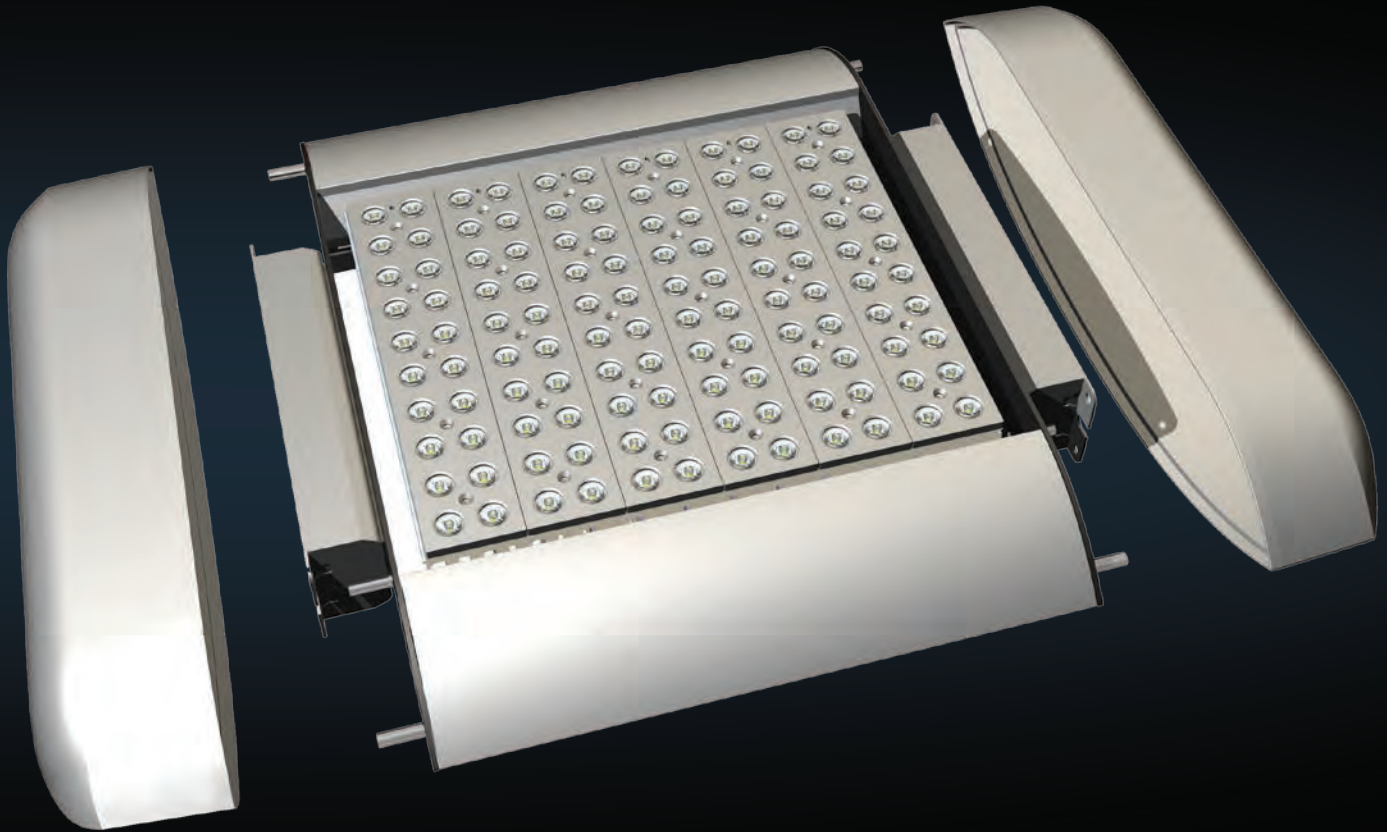
Exclusive to Cree LED outdoor fixtures and poles, the Colorfast DeltaGuard® Finish is the finest industrial-grade finish available that provides UV-light resistance, corrosion resistance, fade protection and more. Every outdoor fixture follows an exclusive 18-stage full immersion process that includes cleaning, pretreatment, epoxy E-coating and an ultra-durable powder topcoat.

Read more on Page 94.

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 MicroMixing™ 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.

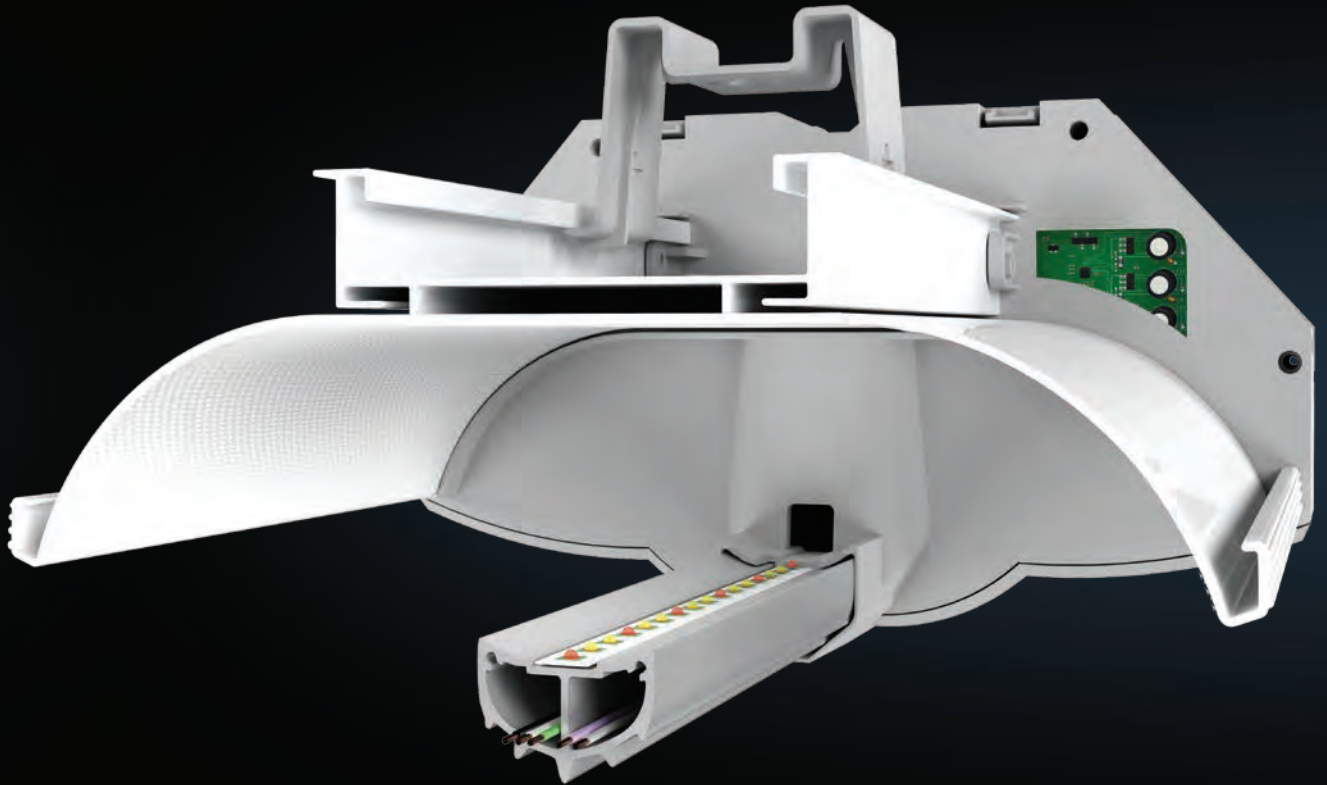


Modular Design

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 and 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 and 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.

WHY CREE® LED LIGHTING?

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.

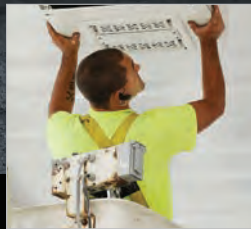
Lifetime Energy Savings

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.

Essentia® Surface Cylinder

WHY CREE LED LIGHTING?

A Solution for Every Application, Every Setting

We set the bar high, using only the best technologies and materials. With an uncompromising focus on the high-quality light that your spaces deserve and the payback you demand, we have a solution for any project — whatever the application, whatever the budget.

LED DOWNLIGHTS



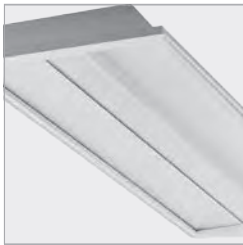
Cree® LED downlights deliver beautiful ambient lighting and valuable energy savings to elevate the look of your space along with your financial benefits.

LED LAMPS



Cree® LED lamps deliver long-lasting, high-impact lighting to focus attention where you need it while also reducing your monthly maintenance costs.

LED TROFFERS



Cree® LED troffers deliver clean, low-glare light that's also affordable, creating quiet ceilings that are easier on your eyes and your operating budget.

EXTERIOR LED LIGHTS



Cree® exterior LED lights deliver impressive energy savings with crisp, bright light for improved campus visibility and the payback you demand.



LRP-38™



CR22™



AR24™



CR6™



A19

Cree Edge™ Area Round

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.

LED ARCHITECTURAL DOWNLIGHTS

Essentia® Series
Recessed Round / Recessed Square p.18



Essentia® Series
Surface Cylinder p.20



KR Series
KR6™ / KR4™ p.22



LR Series
LR4™ p.24



LED DOWNLIGHTS

LR Series
LR6™ / LR6-10L/LR6-18L / LE6™ p.28



CR Series
CR6™ / CR4™ p.30

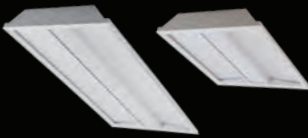


CR Series
CR6™ FD / CR4™ FD p.30



LED TROFFERS

AR Series Troffers
AR24™ / AR22™ p.36



CR Series Troffers
CR24™ / CR14™ / CR22™ p.38



CR Series Light Engines
CR-LE Long / CR-LE Short p.40



LR Series
LR24™ p.42



LED TROFFERS

ZR Series Troffers
ZR24™ / ZR14™ / ZR22™ p.44



LED UPGRADE SOLUTIONS

UR Series Upgrade Kit
UR2-48™ / UR2-24™ p.48



LED SURFACE AMBIENT

SL Series
SL40™ / SL24™ p.52



WS Series
WS4™ p.54





LED HIGH-BAY/LOW-BAY

CXB Series
CXB p.58



Cree Edge™ Series High Output
Cree Edge™ HO High Bay p.60



CS Series Linear
CS18™ / CS14™ p.62



304 Series™
304 Series™ Interior p.64



Cree Edge™ Series
Cree Edge™ Interior Round p.66



LED LAMPS & ACCENTS

LBR Series
LBR-30™ p.70



LRP Series
LRP-38™ p.72



LRP-10L Series
LRP38-10L-12D / LRP38-10L-25D p.74



LM Series
LM16 p.76



A19 Series
A19 p.78



BR Series
BR30 p.80



OL Series™
OL Series™ Linear p.82



LED CONTROLS

Cree SmartCast™
Technology p.86



Lutron EcoSystem®
Enabled p.88



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.



EXCLUSIVE TO CREE

Indoor Luminaire Technology

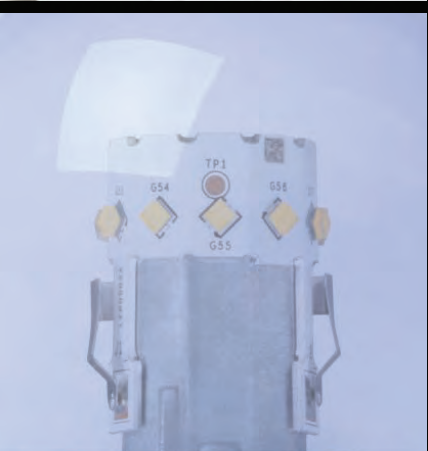
Cree TrueWhite® Technology

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, 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.

Visit cree.com/lighting to learn more about Cree TrueWhite® Technology.



BetaLED® Technology

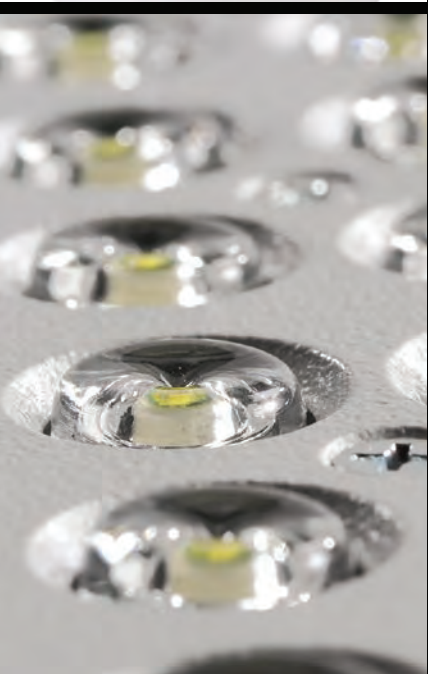
NanoOptic® Technology

Cree interior luminaires featuring BetaLED® Technology deliver efficient light on target with our patented NanoOptic® refractor system. This system blends a variety of optics into a single LED array for optimal control. The result is superior illumination with highly efficient performance.

This illustration demonstrates how combining both axial and tilted axial NanoOptic® technology into one array prevents the exiting light from being obstructed by the reflector's lower cone. The result is outstanding efficiency and a pleasing 45-degree visual cut-off.



Read more about NanoOptic® technology for outdoor on Page 94.



Seeing is Believing Cree TrueWhite® Technology Explained



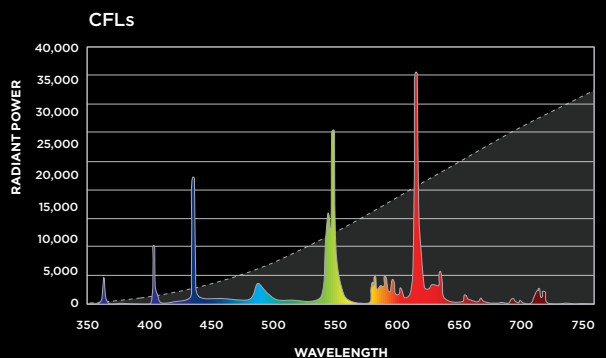
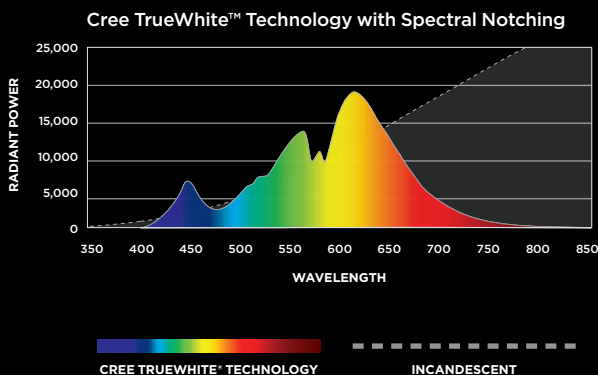
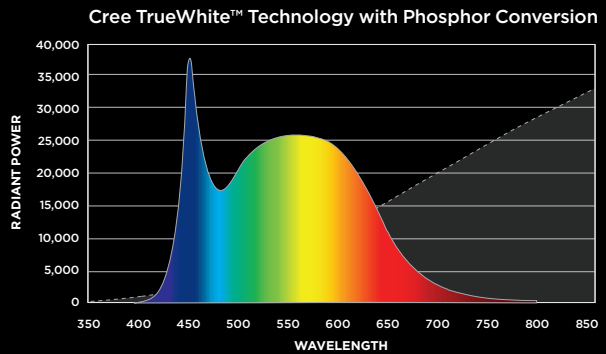
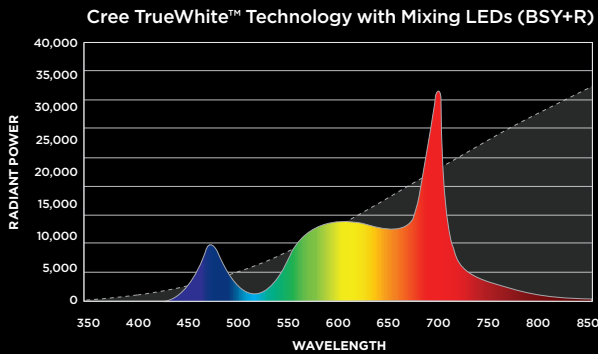
High CRI
under Cree® LED lighting

Low CRI
under fluorescent lighting

Like Halogen, But Better

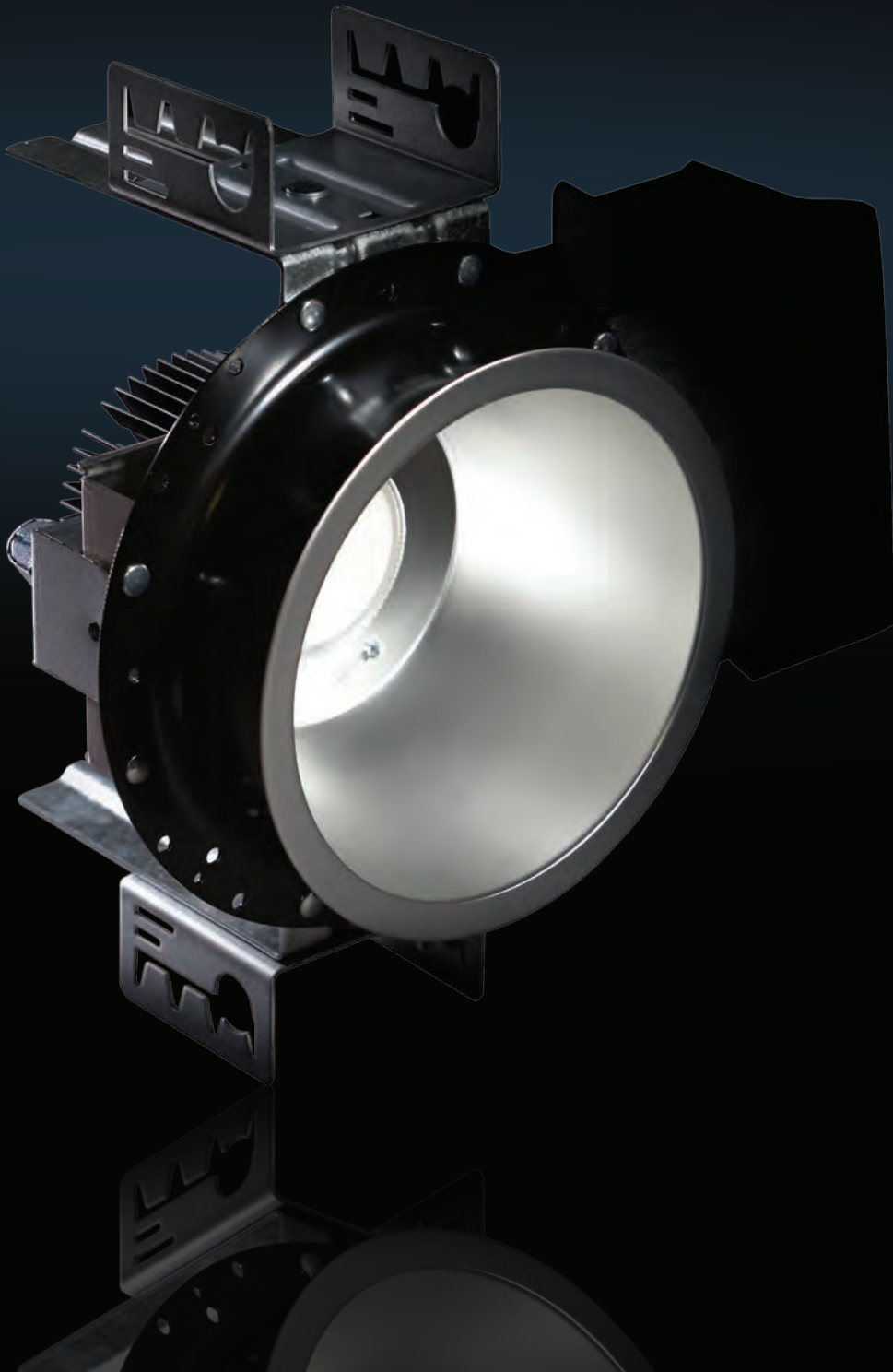
The Spectral Power Distribution (SPD) curves shown here provide a great way to compare the color characteristics of Cree TrueWhite® Technology with traditional technologies. At each point across the visible color spectrum, the height of the SPD curve correlates with how accurately that color is rendered 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.



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.





Essentia® Series Recessed

p.18

- 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

p.20

- 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

p.22

- Minimum 90 CRI
- CCT: 2700K, 3000K, 3500K or 4000K
- Up to 2650 delivered lumens
- Utilizes Cree TrueWhite® Technology
- Cree SmartCast™ Technology, Triac, 0-10V and Lutron® controls options available



LR4 Series

p.24

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

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

Essentia® Series Recessed Downlights

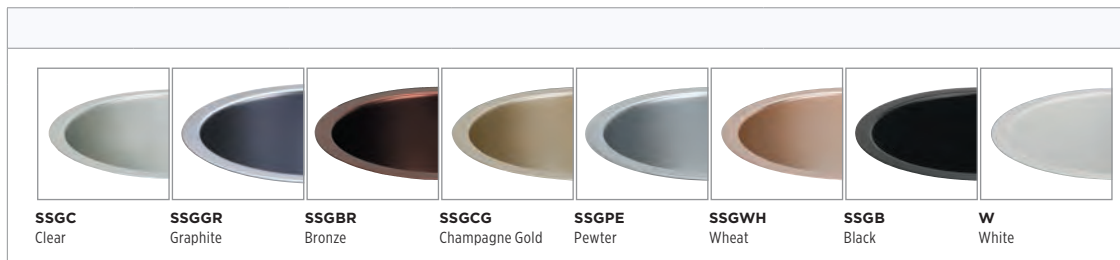
Ordering Information

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

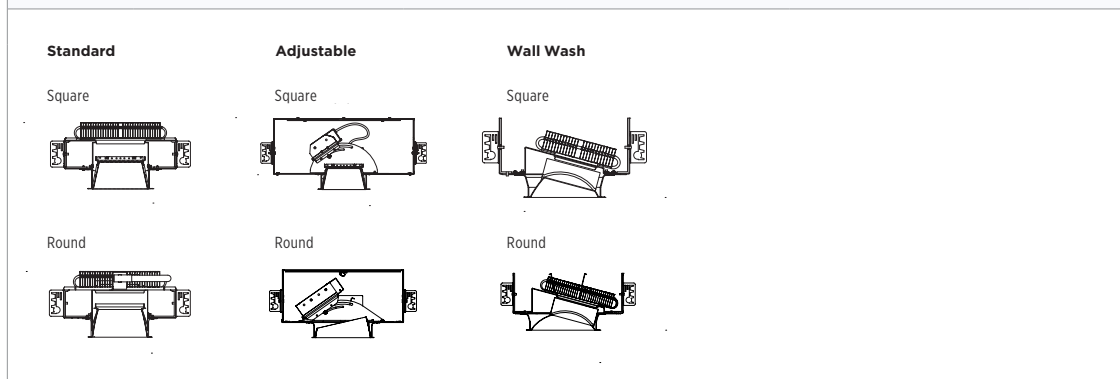
FAMILY	PRODUCT	APERTURE	LED COUNT	LED SERIES	OPTIC	REFLECTOR FINISH	FLANGE FINISH	VOLTAGE	DRIVE CURRENT	OPTIONS						
ESA	ADS	4	14	D	NDADJ	SSGC	FF	120	525	27K						
		6	28							30K						
	ADR	8	42							35K						
		8	56							43K						
	LWW	WD	MD							ND	SSGCG	SSGPE	SSGWH	DH		
											SSGGR	SSGGBR	SSGGB	FS		
	W	W	W							W	SSGCG	SSGPE	SSGWH	MC		
											SSGGR	SSGGBR	SSGGB	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



OPTIONS

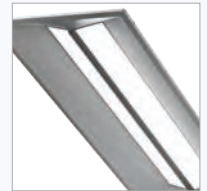


*For example purposes only.

You May Also Be Interested In:



ESSENTIA® SERIES SURFACE CYLINDER p.20
Architectural Downlighting Solutions



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers



OL SERIES™ LINEAR p.82
Commercial Linear Solutions

Essentia® Series Surface Cylinder



Essentia® 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® Series Surface Cylinder

Ordering Information

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

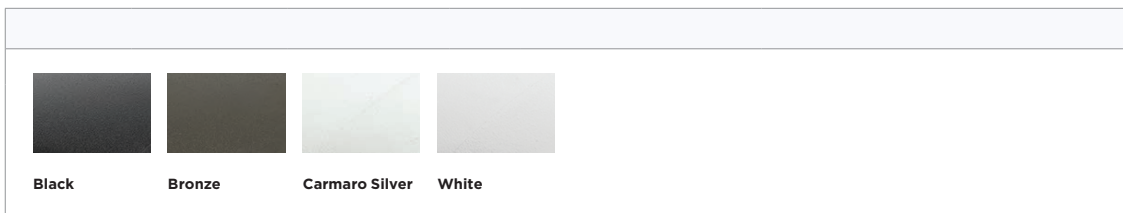
FAMILY	PRODUCT	OPTIC	MOUNTING	LED COUNT	SERIES	VOLTAGE	COLOR	REFLECTOR FINISH	DRIVE CURRENT	OPTIONS
ESA	C10 10" Cylinder	ND Narrow	S Surface	28	D	U 120V to 277V	BK Black	SSGC Clear	525 525mA	27K 2700K
		NS Narrow Spot	P Pendent	42			BZ Bronze	SSGGR Graphite		30K 3000K
		MD Medium	SW Wall Bracket	56	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

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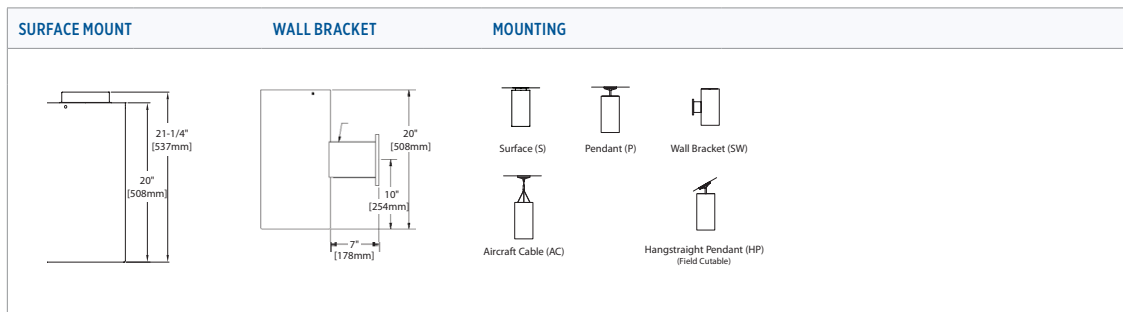
Reflector Options



Finish Colors



Mounting Options



You May Also Be Interested In:



ESSENTIA® DOWNLIGHTS p.18
Architectural Downlighting Solutions



CS SERIES LINEAR p.62
Commercial Linear Solutions



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers

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" 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, 10% 0/1-10V, 1% Lutron EcoSystem® or 1% Lutron® Forward Phase dimming options
- Emergency battery backup

APPLICATIONS

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

KR4™



KR6™



KR Series Downlights

Ordering Information

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

SERIES	SIZE	LUMEN OUTPUT	CCT	VOLTAGE	CONTROLS	EMERGENCY
KR	4 - 4" Housing	9L - up to 660 Delivered Lumens	27K - 2700K	120V - 120 Volts	Triac Dimming	EB7
	6 - 6" Housing	13L - up to 1050 Delivered Lumens	30K - 3000K	277V - 277 Volts	10V - 0/1-10V Dimming	
		20L - up to 1700 Delivered Lumens	35K - 3500K		LES - Lutron EcoSystem® Dimming	
		30L - up to 2650 Delivered Lumens	40K - 4000K		LFP - Lutron® Forward Phase Dimming	

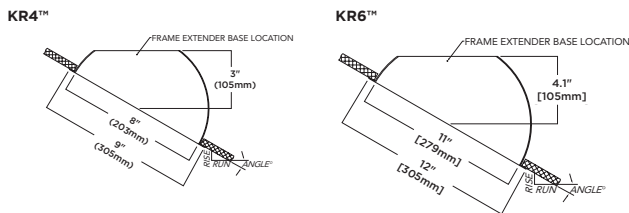
REFLECTOR	REFLECTOR FINISH	FLANGE FINISH	OPTIONS
KR4T	SSGC - Soft Satin Glow Clear	FF - Matching	WW - Wall Wash**
KR6T	SSGCG - Soft Satin Glow Champagne Gold	WF - White Paint	

*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").



Reflector Options



SSGC
Soft Satin Glow Clear

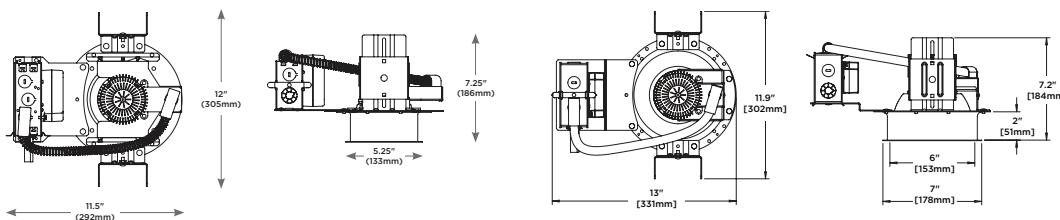


SSGCG
Soft Satin Glow Champagne Gold

Dimensions

KR4™ DOWNLIGHT

KR6™ DOWNLIGHT



*EB7 model not shown, reference spec sheet for details.

You May Also Be Interested In:



LR SERIES DOWNLIGHTS p.30
Commercial-Upgrade Downlight Solutions



CS SERIES LINEAR p.62
Commercial Linear Solutions



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers

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

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 Clear Anodized AW Wheat Anodized AP Pewter Anodized AB Black Anodized WH Flat White BB 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

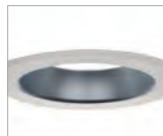
REFLECTOR FINISH OPTIONS



A
Clear



AW
Wheat



AP
Pewter



AB
Black



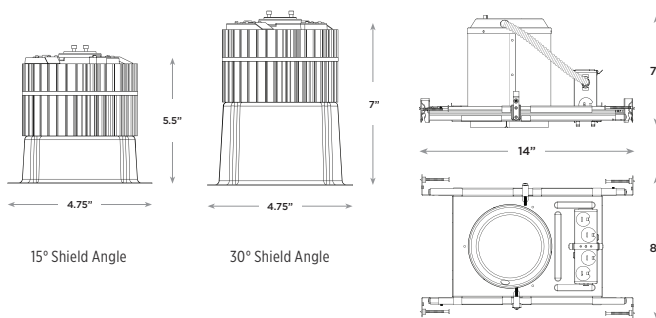
WH
White



BB
Black with black flange

Dimensions

LR4™ ARCHITECTURAL DOWNLIGHT



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 p.28
Commercial-Upgrade Downlight Solutions



CS SERIES LINEAR p.62
Commercial Linear Solutions



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers

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.



**LR Series**

p.28

- 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™)**

p.30

- 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

**CR Series (CR4-FD / CR6-FD)**

p.30

- Minimum 80 CRI
- CCT: 2700K
- 575 or 625 lumens
- Utilizes Cree LED Technology
- 4" and 6" sizes
- Dimmable with Triac dimmers at 120V

LR Series Downlights



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

LR6™

LR6-10L
LR6-18L

LE6™



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
Finish Trim

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



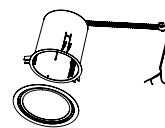
SC6-CM
Cord Mounts

6" COMMERCIAL RETROFIT KITS

A field-installable kit to transform the existing commercial-grade downlights into housings ready to accept the LR6™ downlights.



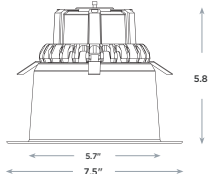
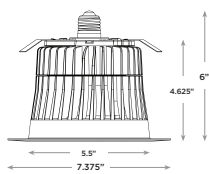
C6
Commercial 120V, Edison Base,
"Pan" Adaptor Kit



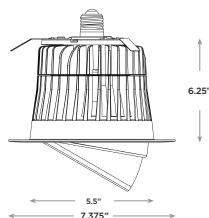
C6-LSA
Commercial 120V or 277V,
Hard-Wire, "Pan" Adaptor Kit

Dimensions

LR6™ DOWNLIGHTS



LE6™ DOWNLIGHT



You May Also Be Interested In:



CR-LE p.40
Light Engine Kits to Match the
CR Series Troffer



CS SERIES LINEAR p.62
Commercial Linear Solutions



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers

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™



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	575L = 575 Lumens	27K - 2700K	120V - 120 Volts	E26 - Edison Base	D - Specular Reflector
	6 = 6 inch	625L = 625 Lumens	30K - 3000K		GU24 - GU24 Base (Title 24 Compliant)	
		800L = 800 Lumens	35K - 3500K 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

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



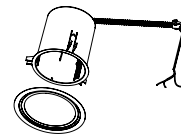
SC6-CM
Cord Mounts

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

You May Also Be Interested In:



**CR FD SERIES
DOWNLIGHTS** p.30
Commercial-Grade Downlight
Upgrade Solutions



LR SERIES DOWNLIGHTS p.28
Commercial-Grade Downlight
Upgrade Solutions



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers

Dimensions

CR6™	CR6-GU24	CR4™

CR Series Downlights - CR4-FD / CR6-FD



CR6-FD



CR4-FD



CR FD Series LED downlights outperform traditional fluorescent lighting with rapid payback, longer life and improved color quality.

The CR FD Series LED downlight delivers up to 625 lumens of warm, 2700K light with 80 CRI at up to 64 lumens per watt. Using just one-fifth of the energy used by comparable incandescent lamps, the CR FD Series is a direct replacement for most six-inch and some five-inch recessed downlights, using up to a 65 watt incandescent bulb, in existing IC or non-IC housings. With a wet location rating and commercial ENERGY STAR® qualification, this product is ideal for use in many residential and light commercial applications.

BENEFITS

- Up to 85 percent more efficient than incandescent
- Reduced maintenance cycles
- High color quality
- Fits in existing 6", 5" or 4" housings
- Commercial and residential ENERGY STAR® qualified

FEATURES

- Efficacy up to 50 LPW
- Utilizes Cree® LED Technology
- Standard 5-year limited warranty
- 25,000-hour rated life (CR4 FD)
- 35,000-hour rated life (CR6 FD)
- Standard 5% dimming

APPLICATIONS

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

CR Series Downlights - CR4-FD / CR6-FD

Ordering Information

Example: CR6-575L-27K-120V-E26-FD

SERIES	SIZE	LUMENS	CCT	VOLTAGE/BASE	BASE TYPE	LED TECHNOLOGY
CR	4 = 4 inch	575L = 575 Lumens	27K - 2700K	120V - 120 Volts	E26 - Edison Base GU24 - GU24 Base (Title 24 Compliant)	FD - 80CRI
	6 = 6 inch	625L = 625 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.

Accessory Information

6" HOUSINGS

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



SC6
Ceiling Mounts



SC6-WM
Wall Mounts



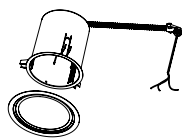
SC6-CM
Cord Mounts

6" COMMERCIAL RETROFIT KITS

A field-installable kit to transform the existing commercial-grade downlights into housings ready to accept the CR6-FD downlights.



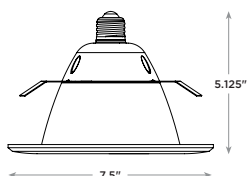
C6
Commercial 120V, Edison Base,
"Pan" Adaptor Kit



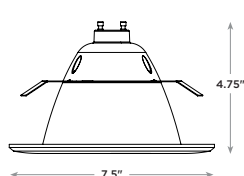
C6-LSA
Commercial 120V or 277V,
Hard-Wire, "Pan" Adaptor Kit

Dimensions

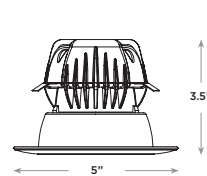
CR6-FD



CR6-GU24 FD



CR4-FD



You May Also Be Interested In:



CR SERIES DOWNLIGHTS p.30
Commercial-Grade Downlight
Upgrade Solutions



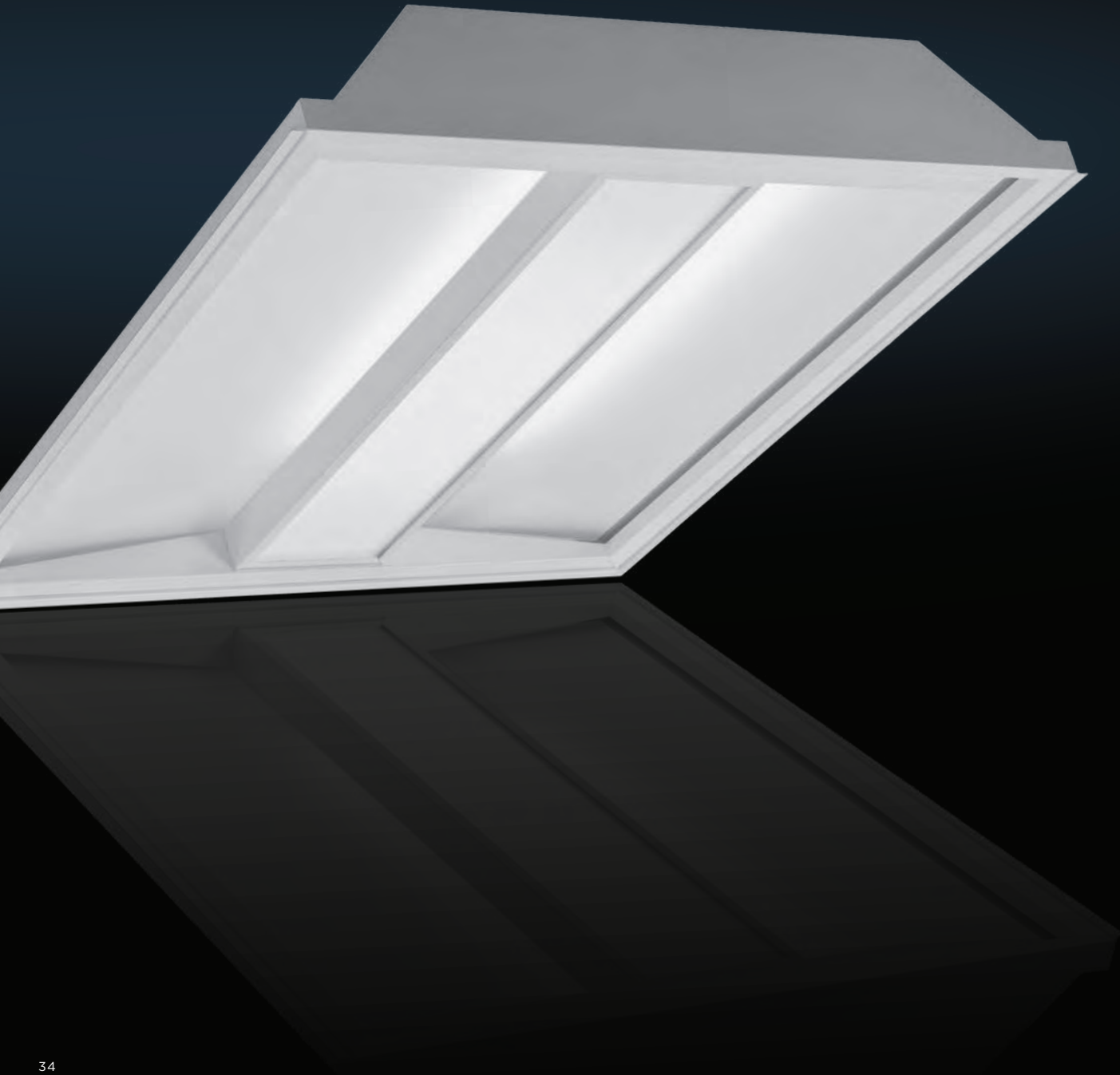
LR SERIES DOWNLIGHTS p.28
Commercial-Grade Downlight
Upgrade Solutions

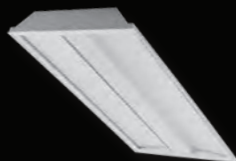


CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers

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 fixture limited warranty, they deliver a true no-compromise solution.





AR Series Troffers

p.36

- Minimum 90 CRI
- CCT: 3500K or 4000K
- 3200 or 4000 lumen options
- Utilizes Cree TrueWhite® Technology
- Step level to 50%, 0-10V dimming



CR Series Troffers

p.38

- 80+ CRI (High Definition)
- CCT: 3000K, 3500K, 4000K or 5000K
- 2000 to 5000 lumen options
- Available with Cree TrueWhite® Technology
- Cree SmartCast™ Technology to 10%, Step level to 50%, 0-10V dimming to 5%, or Lutron EcoSystem® Enabled to 5%



CR Series Light Engine

p.40

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



LR Series

p.42

- Minimum 90 CRI
- CCT: 3500K
- 3200 lumens
- Utilizes Cree TrueWhite® Technology
- 0-10V dimming to 5%



ZR Series Troffers

p.44

- Minimum 90 CRI
- CCT: 3500K or 4000K
- 3200 or 4000 lumen options
- Utilizes Cree TrueWhite® Technology
- 0-10V dimming to 5%

AR Series Troffers



AR24™



AR22™



New architectural design, extraordinary Cree performance.

The AR Series LED architectural troffer offers an alternative design for installations where the luminaire is center-stage in an application. The full optic design guarantees a maximum distribution of Cree TrueWhite™ Technology by delivering 4000 lumens of 90 CRI light at 100 lumens per watt. The AR Series is available in 2x2 and 2x4 configurations with color temperatures ranging from warm to daylight and is compatible with step, 0-10v and Lutron EcoSystem® enabled dimming control capabilities.

BENEFITS

- Smooth architectural design
- Superior color accuracy and light consistency
- Outstanding light quality and output
- Significant energy savings
- Years of near-maintenance free service

FEATURES

- Utilizes Cree TrueWhite® Technology
- Efficacy up to 100 LPW
- Active color management
- Made in the U.S.A. of U.S. and imported parts
- Standard 10-year limited warranty
- Designed to last 75,000 hours

APPLICATIONS

- Use in new construction or retrofit applications
- High visibility environments where lighting design should match architectural surrounding without distraction
- Ideal for corporate, healthcare and upscale retail applications

AR Series Troffers

Ordering Information

Example: AR22-32L-35K-S

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS
AR24 2x4 Lay-in	32L 32W 3200 Lumens - 100 LPW	35K 3500K	Blank 120-277V	S Step dimming to 50% 10V 0-10V dimming to 5%	EB14 Emergency Backup - 1400 Lumens
AR22 2x2 Lay-in	40L 40W 4000 Lumens - 100 LPW	40K 4000K		LES Lutron EcoSystem® Enabled to 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

AR24™	AR22™

You May Also Be Interested In:



CR-LE p.40
Light Engine Kits to Match the CR Series Troffer



CS SERIES LINEAR p.62
Commercial Linear Solutions



KR SERIES DOWNLIGHTS p.22
Effective, Efficient LED Downlights

CR Series Troffers



Redefining commercial lighting by offering 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 while achieving 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 Series troffers are available in a variety of color temperatures and have step, 0-10V or Lutron EcoSystem® Enabled dimming options. Their compact, lightweight design easily accommodates recessed, surface mount or suspended installations, making the CR Series troffers perfect for use in commercial, new construction or retrofit applications.

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
- Efficacy up to 130 LPW
- Active color management
- 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)
- Cree SmartCast™ Technology to 10%, 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™



CR Series Troffers

Ordering Information

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

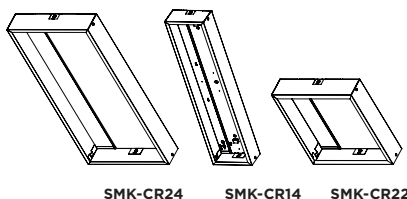
PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS
CR24 2x4 Lay-in	20L 22W 2000 Lumens - 90 LPW	30K 3000K	Blank 120-277V	S Step dimming to 50% 10V 0-10V dimming to 5% LES Lutron EcoSystem® Enabled to 5%	HD 80 CRI (90 LPW) 32L 35W 3200 Lumens - 90 LPW 40L 44W 4000 Lumens - 90 LPW
CR14 1x4 Lay-in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

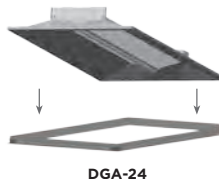


SMK-CR24 SMK-CR14 SMK-CR22

NOTE: Included in EB14SMK option.

DRYWALL GRID ADAPTORS

For installing CR Series troffers into drywall applications. DGA Kits come in a standard white color. Only available for CR24™ troffer.



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)

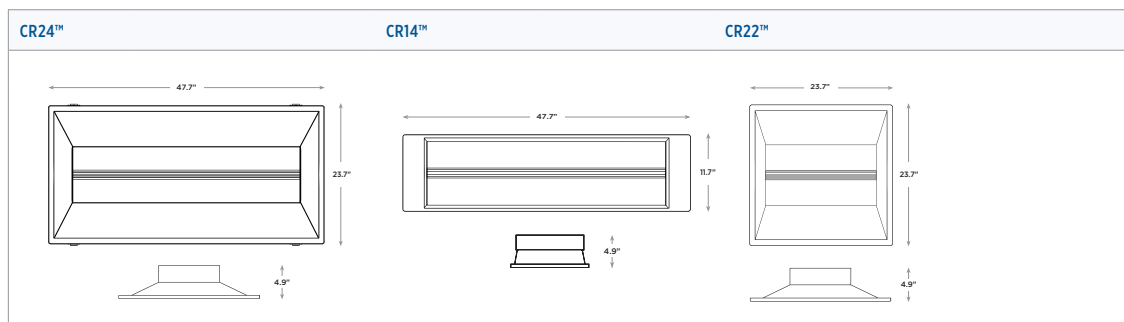
OTHER ACCESSORIES

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

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

AC5-72-PD8-JB
(Adjustable Cable)

Dimensions



You May Also Be Interested In:



CR-LE p.40
Light Engine Kits to Match the CR Series Troffer



CS SERIES LINEAR p.62
Commercial Linear Solutions



KR SERIES DOWNLIGHTS p.22
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".

Convert existing fluorescent troffers to efficient LED technology 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 while achieving 90 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, 0-10V or Lutron EcoSystem® Enabled dimming options. Its compact, lightweight design easily accommodates recessed, surface mount or suspended installations, making the CR-LE perfect for use in commercial new construction or retrofit applications.

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

CR Series Light Engines

Ordering Information

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS	
CR-LE	20L (1x2)	22W 2000 Lumens - 90 LPW	30K 3000K 35K 3500K 40K 4000K 50K 5000K	Blank 120-277V	S Step Dimming to 50% 10V 0-10V Dimming to 5% LES Lutron EcoSystem® Enabled to 5%	HD 80 CRI (90 LPW) 32L 35W 3200 Lumens - 90 LPW 40L 44W 4000 Lumens - 90 LPW
	32L (1x2)	32W 3200 Lumens - 100 LPW				
	22L (1x4)	22W 2200 Lumens - 100 LPW				
	31L (1x4)	34W 3100 Lumens - 90 LPW				
	40L (1x4)	40W 4000 Lumens - 100 LPW				
	40L HE (1x4)	0.5W 4000 Lumens - 130 LPW (30K) 32W 4000 Lumens - 125 LPW (35K) 33W 4000 Lumens - 120 LPW (35K) 34.5W 4000 Lumens - 115 LPW (40K)				
	50L (1x4)	50W 5000 Lumens - 100 LPW				
					EB14 Emergency Backup - 1400 Lumens EB14SMK 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.

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-L¹

Surface Mount Kit for CR Series 1'x4' Light Engines 2200, 4000 and 5000 Lumens

SMK-LE-S¹

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)

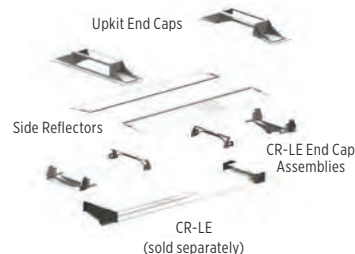
SMK-LE-JP

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**

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

PW-18/4-06-9T/SS-CR
(Power Whip)**ACS-18/4-72-PD8-JB**
(Adjustable Cable)**ACS-72-PD8-JB**
(Adjustable Cable)

You May Also Be Interested In:



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers



CS SERIES LINEAR p.62
Commercial Linear Solutions



KR SERIES DOWNLIGHTS p.22
Effective, Efficient LED Downlights

LR Series Troffers



LR24™



An amazing combination of optical, electronic and mechanical design delivers a soft, low brightness appearance with a contemporary architectural design.

The LR24™ architectural LED troffer delivers up to 3200 lumens of exceptional 90+ CRI light while achieving up to 72 lumens per watt. This is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology. The LR24 troffer is available in a neutral color temperature and offers 0-10V DC dimming standard. Its compact, lightweight design easily accommodates recessed installations, making the LR24 luminaire perfect for use in commercial new construction or renovation applications.

BENEFITS

- Significant energy savings
- Years of near-maintenance free service
- Superior color accuracy and consistency

FEATURES

- Utilizes Cree TrueWhite® Technology
- Active color management
- Standard 0-10V dimming
- Five-year limited warranty
- 50,000-hour rated life

APPLICATIONS

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

LR Series Troffers

Ordering Information

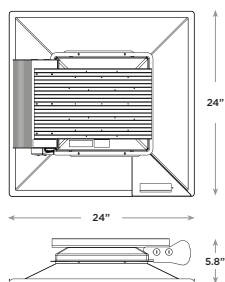
Example: **LR24-32-SKA-35-US**

PRODUCT	LUMEN OUTPUT	APPEARANCE	CCT	EFFICACY	CONTROL	OPTIONS
LR24 2'x2' Lay-in	32 3200 Lumens	SKA Standard	35 3500K	Blank Standard, 44W, 3200 Lumens	Blank 0-10V Dimming to 5%	US Made in the 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.

Dimensions

LR24™ TROFFER



You May Also Be Interested In:



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers



CS SERIES LINEAR p.62
Commercial Linear Solutions



KR SERIES DOWNLIGHTS p.22
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 4000 lumens of 90 CRI color quality with a pleasing aesthetic look and includes 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

- Commercial specification-grade design
- Superior color accuracy and light consistency
- Outstanding light quality and output
- Significant energy savings
- Years of near-maintenance free service

FEATURES

- Utilizes Cree TrueWhite® Technology
- 90 LPW
- Assembled in the U.S. and Mexico
- Standard 10-year limited warranty
- Designed to last 75,000 hours
- Shallow 3.9" plenum design

APPLICATIONS

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

ZR Series Troffers

Ordering Information

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

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS
ZR24 2x4 Lay-in	32L 32W 3200 Lumens - 90 LPW	35K 3500K	Blank 120-277V	10V 0-10V dimming to 5%	EB14** Emergency Backup
ZR14 1x4 Lay-in	40L 40W 4000 Lumens - 90 LPW	40K 4000K			
ZR22 2x2 Lay-in					

*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 Q2 2014.

Dimensions

ZR24™	ZR14™	ZR22™

You May Also Be Interested In:



CR-LE p.40
Light Engine Kits to Match the CR Series Troffer



CS SERIES LINEAR p.62
Commercial Linear Solutions



KR SERIES DOWNLIGHTS p.22
Effective, Efficient LED Downlights

LED Upgrade Solutions

Cree® LED upgrade solutions to 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.48

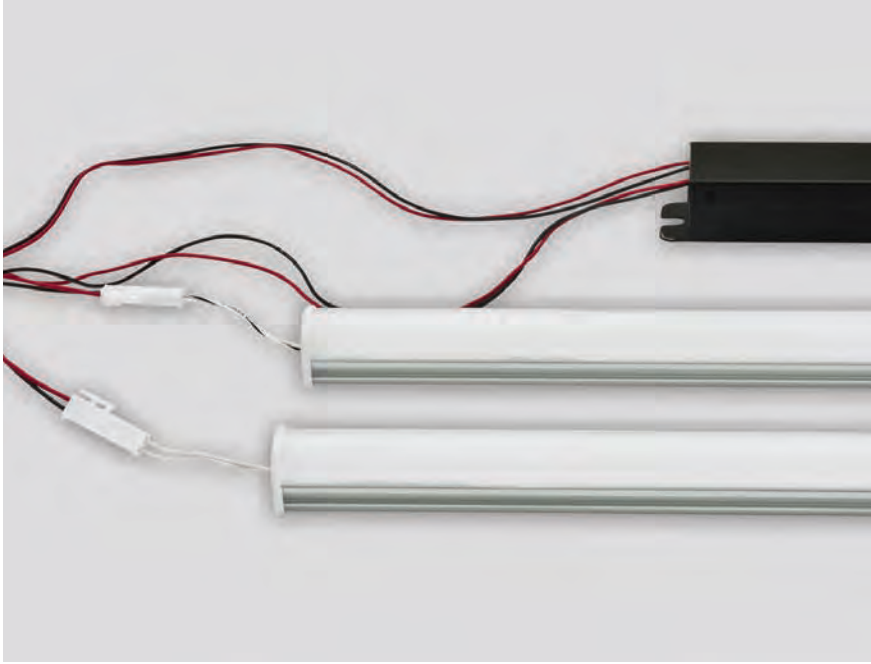
- Minimum 80 CRI
- CCT: 3500K or 4000K
- 4500 lumens
- Step level to 50%

**UR Series 2' LED Upgrade Kit**

p.48

- Minimum 80 CRI
 - CCT: 3500K or 4000K
 - 3600 lumens
 - Step level to 50%
-

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: 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
- Standard step dimming
- 7 year limited warranty
- 50,000-hour rated life

APPLICATIONS

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

UR Series LED Retrofit Kit

Ordering Information

Example: **UR2-24-36L-35K-S-FD**

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS
UR2-24 UR3-24	36L 36W 3600 Lumens - 100 LPW	35K 3500K 40K 4000K	Blank 120-277V	S Step dimming to 50%	FD 80 CRI Blank 1 Kit (Single Pack) 6 6 Kits (UR2-24 Multi Pack) 4 4 Kits (UR3-24 Multi Pack)

Example: **UR2-48-45L-35K-S-FD**

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS
UR2-48 UR3-48	45L 44W 4500 Lumens - 102 LPW	35K 3500K 40K 4000K	Blank 120-277V	S Step dimming to 50%	FD 80 CRI Blank 1 Kit (Single Pack) 6 6 Kits (UR2-24 Multi Pack) 4 4 Kits (UR3-24 Multi Pack)

*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™	UR2-48™ / UR3-48™
<ul style="list-style-type: none"> • (2 or 3) 2' Lightbars • (4) or (6) Mounting Clips • (8) or (12) Self-Tapping Screws • (1) LED Driver • (1) Installation Instructions • (1) UL1598C Certification Label 	<ul style="list-style-type: none"> • (2 or 3) 4' Lightbars • (6) or (9) Mounting Clips • (8) or (12) Self-Tapping Screws • (1) LED Driver • (1) Installation Instructions • (1) UL1598C Certification Label

You May Also Be Interested In:



CR-LE p.40
Light Engine Kits to Match the CR Series Troffer



CS SERIES LINEAR p.62
Commercial Linear Solutions



KR SERIES DOWNLIGHTS p.22
Effective, Efficient LED Downlights

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.



**SL Series**

p.52

- 80 CRI
- CCT: 3500K
- 2000 or 4000 lumens
- Utilizes Cree MicroMixing™ Technology
- 24" and 40" sizes

**WS Series**

p.54

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

SL Series Surface Linear



SL40™



SL24™



Exceptional — and affordable — illumination performance.

The SL Series LED Surface Linear luminaire delivers up to 4000 lumens of high-quality, low-brightness light with a smart, compact design that uses indirect-view LEDs and Cree's proprietary MicroMixing™ technology to deliver exceptional illumination at an affordable price. Easy installation saves time and labor expenses, with the SL Series providing more than a decade of virtually maintenance-free service — all backed by an industry-leading 10-year limited warranty.

BENEFITS

- Delivered lumens up to 4000
- Exceptional light quality
- Precise optical control
- Lightweight, robust polycarbonate design

FEATURES

- Cree MicroMixing™ Technology
- Indirect view LEDs
- Surface or suspended mount
- Efficacy up to 80 LPW
- Standard 10-year limited warranty
- 55,000-hour rated life

APPLICATIONS

- Retail, education, office, light industrial

SL Series Surface Linear

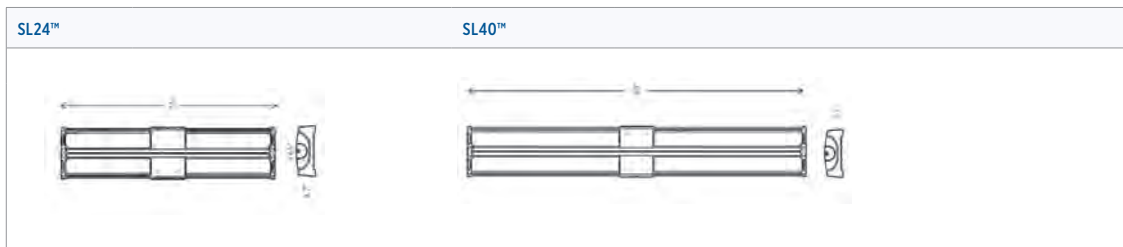
Ordering Information

Example: **SL24-20L-35K-SV**

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	OPTIONS
SL24	20L 25W 2000 Lumens - 80 LPW	35K 3500K	Blank 120V	SV Silver Endcaps
SL40	40L 55W 4000 Lumens - 72 LPW	35K 3500K	Blank 120V	SV Silver Endcaps

*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



You May Also Be Interested In:



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers



LR SERIES DOWNLIGHTS p.28
Commercial-Upgrade Downlight Solutions



LRP SERIES LAMPS p.72
LED PAR Lamp

WS Series



WS4™



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

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 - 93.1LPW (35K) 49.4W 4700 lumens - 95.1LPW (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

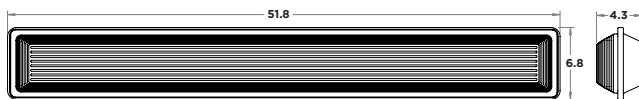
ACCESSORIES

WS4TPK

Tamper Proof Kit (includes four tamper proof screws and bit)

Dimensions

WS4™



You May Also Be Interested In:



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers



LR SERIES DOWNLIGHTS p.28
Commercial-Upgrade Downlight Solutions



LRP SERIES LAMPS p.72
LED PAR Lamp

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

p.58

- Minimum 70 CRI
- 100 LPW
- CCT: 4000K
- 23,000 lumens



Cree Edge™ Series High Output

p.60

- 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

p.62

- 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™

p.64

- 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

p.66

- 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



Cree CXB Series High-Bay



Delivering the highest lumens per dollar among competing LED high-bay fixtures.

The Cree CXB Series LED high-bay luminaire delivers 23,000 lumens in distributions designed for general high-bay lighting. With exceptional lifetimes rated up to 70,000 hours, zero-restrike time and a compact, lightweight construction, the CXB Series is a direct replacement for incumbent HID and fluorescent high-bay 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 400W MH & multi-lamp fluorescent high-bay fixtures
- Flexible mounting choices

FEATURES

- 23,000 lumens
- 100 LPW
- CCT: 4000K
- DLC qualified

APPLICATIONS

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

Cree CXB Series High-Bay

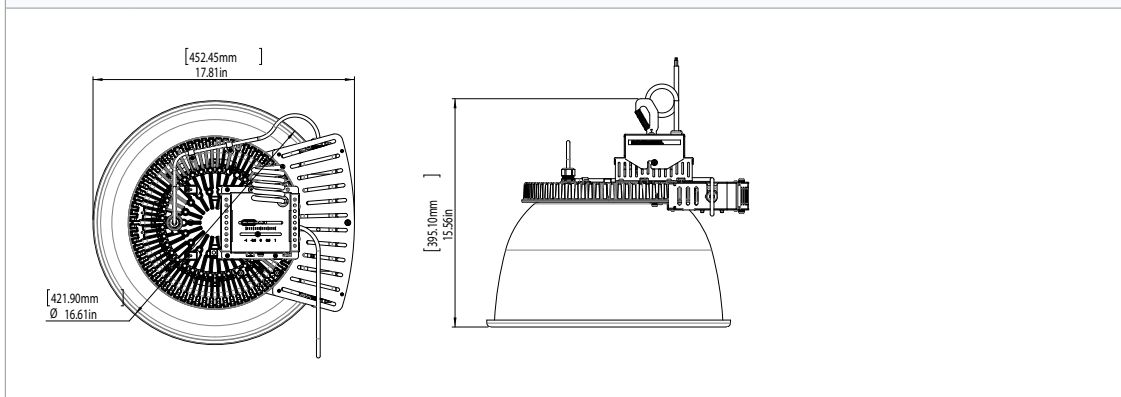
Ordering Information

PRODUCT	LUMEN OUTPUT	COLOR TEMP	VOLTAGE	DRIVER MOUNT	MOUNTING
CXB	23L 23,000 lumens - 100 LPW	40K 4000 Kelvin	U 120-277V	1 Single Side Mount	HC Hook and Cord Mount JP J-Box or Pendant Mount

*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

CXB SERIES™ HIGH-BAY



You May Also Be Interested In:



ESSENTIA® DOWNLIGHTS p.18
Architectural-Grade Downlight Solutions



CS SERIES LINEAR p.62
Commercial-Grade Linear Solutions



304 SERIES™ PARKING STRUCTURE p.134
Parking Structure Lighting Solutions

Cree Edge™ Series High Output



Cree Edge™ 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™ 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	HH Hanger High Bay	DM Direct Surface	12	E	U Universal 120-277V	SV Silver	700 700mA	40K 4000K Color Temperature - Color temperature per fixture				
	AL Aisle	HC Hook & Cord	24						V Universal 347-480V	BZ Bronze	1000 1000mA	50K 5000K Color Temperature featuring Cree TrueWhite® Technology
	40 40° Flood	PD Pendant							BK Black	PB Platinum Bronze	DIM 0-10V Dimming - Control by others - Refer to dimming spec sheet for details - Can't exceed specified drive current	
	70 70° Flood								WH White	F Fuse - When code dictates fusing, use time delay fuse		
	N6 NEMA 6								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)

You May Also Be Interested In:



ESSENTIA® DOWNLIGHTS p.18
Architectural-Grade Downlight Solutions



CS SERIES LINEAR p.62
Commercial-Grade Linear Solutions



304 SERIES™ PARKING STRUCTURE p.134
Parking Structure Lighting Solutions

CS Series Linear



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

- Utilizes Cree TrueWhite® Technology
- 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

CS18™



CS14™

CS Series Linear

Ordering Information

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

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL
CS14 1x4 Linear	22L 2200 Lumens - 100 LPW	35K 3500K	Blank 120-277V	10V 0-10V Dimming
	38L 3800 Lumens - 100 LPW	40K 4000K		
	38LHE 3800 Lumens - 115 LPW			
	40LHE 4000 Lumens - 115 LPW			
CS18 1x8 Linear	44L 4400 Lumens - 100 LPW	35K 3500K	Blank 120-277V	10V 0-10V Dimming
	75L 7500 Lumens - 100 LPW	40K 4000K		
	80LHE 8000 Lumens - 115 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

TMM: Metal Tong (pair)**PC5-12/3-24-JB**

24" Power Feed, #12/3 SJT Cord for J-Box Mount

PC5-18/5-24-JB

24" Power Feed, #18/5 SJT Cord for J-Box Mount

PC5-18/2-24-JB

24" Power Feed, #18/2 SJT Cord for J-Box Mount

SUSPENDED MOUNT

ACS-12/3-48-Q14B-JB

48" Power Feed, #12/3 SJT Cord with Cable Support for J-Box

ACS-18/5-48-Q14B-JB

48" Power Feed, #18/5 SJT Cord with Cable Support for J-Box

ACS-18/2-48-Q14B-JB

48" Power Feed, #18/2 SJT Cord with Cable Support for J-Box

ACS-48-Q14B-TB

48" Cable Support for T-bar mount

ACS-48-Q14B-TB

48" Cable Support for T-bar mount

ACS-48-Q14B-TB

48" Cable Support for T-bar mount

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

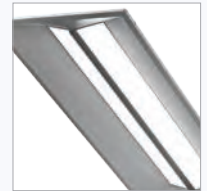
Dimensions

CS18™ LINEAR LUMINAIRE

CS14™ LINEAR LUMINAIRE



You May Also Be Interested In:



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers



LR SERIES DOWNLIGHTS p.28
Commercial-Upgrade Downlight Solutions



LRP SERIES LAMPS p.72
LED PAR Lamp

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

304 Series™ Interior



304 Series™ Interior

Ordering Information

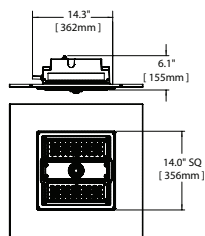
Example: INT-304-PS-RM-04-D-UL-SV-700-40K

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 (Standard) PB Platinum Bronze	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



You May Also Be Interested In:



ESSENTIA® DOWNLIGHTS p.18
Architectural-Grade Downlight Solutions



CS SERIES LINEAR p.62
Commercial-Grade Linear Solutions



304 SERIES™ PARKING STRUCTURE p.134
Parking Structure Lighting Solutions

Cree Edge™ Series Interior Round



Cree Edge™ Interior



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 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	HC Hook and Cord Mount	04	D	UL Universal 120-277V	SV Silver	700 700mA	40K 4000K CCT	
				06						
				08						
		40 40 Degree Optic	PD Pendant Mount	10		12 277V	BK Black	350 350mA	F Fuse	
				12						
		UH Universal 347V-480V	WH White (Standard)	1000 1000mA		HL High/Low (75/525)	TL			
								34 Platinum Bronze	PB	TL1
			TL4							

*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)

You May Also Be Interested In:



CREE EDGE™ AREA ROUND p.100
Outdoor Architectural-Grade Area Lighting



CS SERIES LINEAR p.62
Commercial-Grade Linear Solutions



CREE EDGE™ CANOPY p.130
Outdoor Canopy and Soffit Solutions

LED Lamps & Accents

Cree® LED lamps and accent luminaires deliver an unrivaled combination of superior color accuracy and industry-leading efficacy, energy efficiency and longevity. Cree® lamps powered by Cree TrueWhite® Technology offer 92+ CRI and efficacy up to 74 lumens per watt, 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.70

- 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

**A19 Series**

p.78

- 60 watt and 40 watt equivalent
- 9.5 watts at 2700K (60 watt equivalent)
- 9 watts at 5000K (60 watt equivalent)
- 6 watts at 2700K (40 watt equivalent)
- 80 CRI at 2700K and 5000K (60W only)
- Dimmable with most standard dimmers

**LRP Series**

p.72

- 75 watt PAR38 equivalent
- 12 watts
- 94 CRI at 2700K
- Utilizes Cree TrueWhite® Technology
- 20° beam angle
- Dimmable to 20% with ELV dimmers

**BR Series**

p.80

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

**LRP-10L Series**

p.74

- 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

**OL Series™**

p.82

- Minimum 70 CRI
- CCT: 3500K (+/-100K), 4000K (+/-100K) or 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

**LM Series**

p.76

- 35 or 50 watt MR16 equivalent
- 7 and 9 watts
- 83 CRI at 3000K
- 17°, 25° or 40° beam angles
- Dimmable (50W eq) with select dimmers and transformers

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

LBR Series Lamps

Ordering Information

Example: LBR30A92-50D-GU24

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

Accessory Information

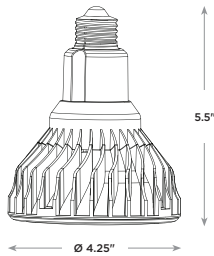
TL

Lampholder, Edison Socket



Dimensions

LBR-30™



You May Also Be Interested In:



LR SERIES DOWNLIGHTS p.28
Commercial-Upgrade Downlight Solutions



CR-LE p.40
Light Engine Kits to Match the CR Series Troffer



LM SERIES LAMPS p.76
Efficient Halogen Replacement

LRP Series Lamps



LRP-38™



An amazing combination of technical innovations, including breakthroughs in optical design, electronics design, mechanical design and thermal management.

The LRP-38™ LED PAR38 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 LRP-38 is offered in a warm color temperature of 2700K with a 20-degree beam angle and is available in both Edison and GU24 bases. The LRP-38 LED PAR38 lamp delivers higher CRI, better energy savings, longer life and broader color rendering than traditional 75-watt PAR38 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
- 4800 CBCP
- 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

LRP Series Lamps

Ordering Information

Example: LRP38-6L-27K-20D-GU24-F

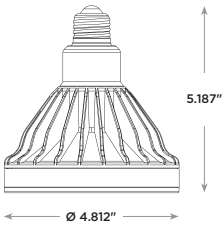
PRODUCT	LUMEN OUTPUT	COLOR TEMP.	BEAM ANGLE	BASE TYPE	STANDARDS
LRP38	6L 600 Lumens	27K 2700K	20D 20° Flood	Blank Edison Base GU24 GU24 Base	F NSF/ANSI Standard 2 Certified, Plastic Lens

*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

TL	TG38
Lampholder, Edison Socket	Gimbal Ring, GU24 Socket
	

Dimensions

LRP-38™


You May Also Be Interested In:



LM SERIES LAMPS p.76
Efficient Halogen Replacement



LRP38-10L SERIES LAMPS p.74
LED PAR Lamp



CR SERIES DOWNLIGHTS p.30
Commercial Upgrade Downlight Solution

LRP-10L Series Lamps



LRP38-10L-12D



LRP38-10L-25D



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

LRP-10L Series Lamps


Ordering Information

Example: LRP38-10L-27K-25D

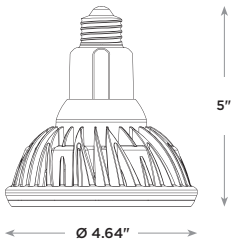
PRODUCT	LUMEN OUTPUT	COLOR TEMP.	BEAM ANGLE	BASE TYPE
LRP38	10L 1000 Lumens	27K 2700K 30K 3000K	12D 12° Spot 25D 25° Flood	Blank Edison Base GU24 GU24 Base

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

Accessory Information

TL	TG38
Lampholder, Edison Socket	Gimbal Ring, GU24 Socket
	

Dimensions

LRP38-10L


You May Also Be Interested In:



LM SERIES LAMPS p.76
Efficient Halogen Replacement



LRP SERIES LAMPS p.72
LED PAR Lamp



LR SERIES DOWNLIGHTS p.28
Commercial-Upgrade Downlight Solutions

LM Series Lamps



LM16



The LM16 LED MR16 lamp uses 80 percent less energy and lasts up to eight times longer than halogen MR16 lamps.

The LM16 LED MR16 lamp is offered in two wattages: 7-watt (35W MR16 halogen equivalent) and 9-watt (50W MR16 halogen equivalent) and uses a single LED source to deliver lumens equivalent to halogen MR16s without the glare that is often associated with this style of lamp. The proprietary in-house designed lens is available in three beam angles of 17° spot, 25° flood and 40° wide flood, without impacting delivered lumens. The 50-watt equivalent LM16 lamp offers comprehensive dimming compatibility through a wide range of popular dimmers and transformers. The LM16 lamp was strictly designed to ANSI compliant form factor for halogen lamp standards. Innovative fan-less housing design, smart circuit design and embedded intelligent software manage the thermal characteristics to effectively maintain the desired operating temperature.

BENEFITS

- ENERGY STAR® qualified to last at least 25,000 hours
- 25,000-hour lifetime design in open track fixtures and non-IC downlights

FEATURES

- Dimmable; consult dimming compatibility sheet for specifics
- Suitable for damp locations
- Standard 3-year limited warranty
- 35W eq: 464 lumens
 - CBCP 2862 (17°)
 - CBCP 1995 (25°)
 - CBCP 728 (40°)
- 50W eq: 620 lumens
 - CBCP 4152 (17°)
 - CBCP 2650 (25°)
 - CBCP 1057 (40°)

APPLICATIONS

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

LM Series Lamps

Ordering Information

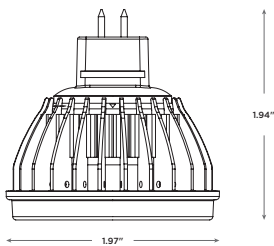
Example: LM16-50-30K-25D

PRODUCT	WATT EQUIVALENT	COLOR TEMP.	BEAM ANGLE	BASE TYPE
LM16	35 35W (464 Lumens)	30K 3000K	17D 17° Spot	Blank GU5.3 Base
	50 50W (620 Lumens)		25D 25° Flood	
			40D 40° Wide Flood	

*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

LM16



You May Also Be Interested In:



LRP SERIES LAMPS p.72
LED PAR Lamp



LR SERIES DOWNLIGHTS p.28
Commercial-Upgrade Downlight Solutions



LBR SERIES LAMPS p.70
LED BR30 Lamp

A19 Series Lamps



A19



Brilliantly designed, energy-efficient, long-lasting LED bulbs.

The Cree LED A19 bulb delivers up to 800 lumens of warm 2700K light or cool 5000K light, while consuming at least 84% less energy than the incandescent bulbs they replace. These lamps feature a consistent and balanced omni-directional light source within a real glass bulb, 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 84% less energy
- Instant on and mercury free

FEATURES

- 80 CRI
- 60 watt equivalent (9.5W, 800 lumens) at 2700K
- 60 watt equivalent (9W, 800 lumens) at 5000K
- 40 watt equivalent (6W, 450 lumens) at 2700K
- Dimmable with most standard dimmers
- Shatter resistant coating for safety
- 3-year limited warranty
- Suitable for damp locations
- CCT: 2700K, 5000K (65W equivalent only)

APPLICATIONS

- Hospitality, restaurant, healthcare and residential applications

A19 Series Lamps

Ordering Information

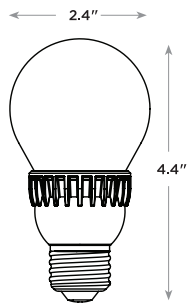
Example: **A19-40W-27K-B6**

PRODUCT	WATT EQUIVALENT	COLOR TEMP.	VOLTAGE	BASE TYPE	OPTIONS	PACKAGING OPTIONS
A19	40 40 W (450 Lumens)	27K 2700K	Blank 120V	Blank E26 (Screw Base)	Blank 80 CRI	B6 (6) Blister Pack Bulbs in Master Carton (Carded) T24 (24) Tray Pack Bulbs in Master Carton (Bulk)
	60 60W (800 Lumens)	50K* 5000K				
		*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



You May Also Be Interested In:



BR30 SERIES LAMPS p.80
LED Flood Lamp

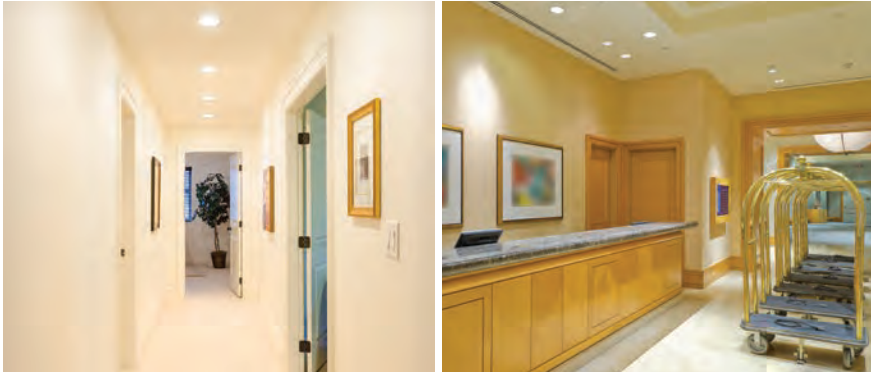


LR SERIES DOWNLIGHTS p.28
Commercial-Upgrade Downlight Solutions



LBR SERIES LAMPS p.70
LED BR30 Lamp

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

BR30 Series Lamps

Ordering Information

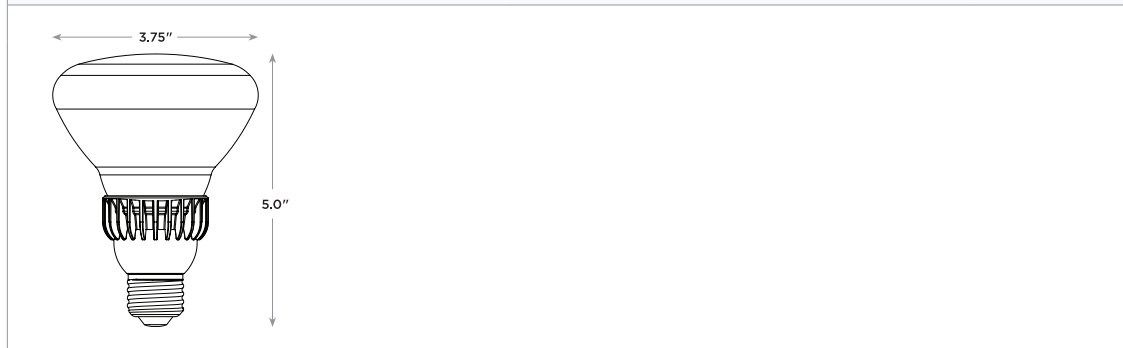
Example: **BR30-65W-27K-B4**

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	B4 (4) Blister Pack Bulbs in Master Carton (Carded) T12 (12) Tray Pack Bulbs in Master Carton (Bulk)

*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



You May Also Be Interested In:



A19 SERIES LAMPS p.78
LED Omni-Directional Lamp



LR SERIES DOWNLIGHTS p.28
Commercial-Upgrade Downlight Solutions



LBR SERIES LAMPS p.70
LED BR30 Lamp

OL Series™ Linear



OL Series™ Linear



Versatile design creates application flexibility without sacrificing performance.

OL Series™ luminaires are rugged enough for use in outdoor applications, yet feature an architecturally appealing style and elegance that also makes it very well suited for indoor applications as well. Available in 2-, 4- and 8-foot increments, as well as multiple optics, LED counts and power conditions, the OL Series™ luminaire offers the flexibility needed to meet a wide range of application needs. Such versatility doesn't come at the expense of performance though. The OL Series™ luminaire has exceptional lumen maintenance and features BetaLED® Technology. It is also backed by an industry-leading 10-year limited warranty.

BENEFITS

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

FEATURES

- 360° adjustability in 5° increments for flexibility in any application
- Linear, low-profile design available in 2-, 4- and 8-foot lengths for high- and low-density needs
- Step- and continuous-dimming options accommodate a variety of on-board and network-based controls system protocols
- UL and cULus wet listed and IP66 rated

APPLICATIONS

- Interior architectural, municipal, retail & grocery, school & university

OL Series™ Linear

Ordering Information

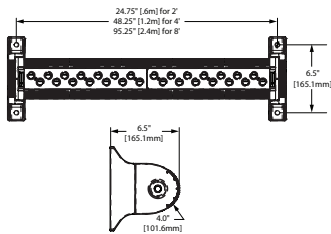
Example: **FLD-OL-25-D4-07-D-UL-WH-700-40K**

FAMILY	PRODUCT	OPTIC	MOUNTING/LENGTH	# OF LEDS PER FOOT	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
FLD	OL	2M	D2 Direct Rotatable - 2' (.6m) D4 Direct Rotatable - 4' (1.2m) D8 Direct Rotatable - 8' (2.4m)	07 14	D	UL Universal 120-277V UH Universal 347-480V	SV Silver BZ Bronze BK Black WH White PB Platinum Bronze	350 350mA 525 525mA 700 700mA (Standard)	40K 4000K CCT 35K 3500K CCT DIM 0-10V Dimming
		Type 2							
		Medium							
		N6							
		NEMA 6x6							
		SN							
		Sign							
		15							
		15°							
		25							
25°									
40									
40°									

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

Style and Sizing Options

D = Direct Rotatable
2 = 2' (.6m)
4 = 4' (1.2m)
8 = 8' (2.4m)



You May Also Be Interested In:



ESSENTIA® DOWNLIGHTS p.18
Architectural Downlighting Solutions



CR SERIES TROFFERS p.38
High-Efficiency, Affordable Troffers



LRP SERIES LAMPS p.72
LED PAR 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**

p.86

- Fully-integrated solution
- Compatible with CR Series troffers, CS Series linear luminaires and KR Series downlights
- Enables continuous dimming
- Robust set of control capabilities

**Lutron EcoSystem® Enabled**

p.88

- Fully-integrated solution
 - Compatible with CR Series troffers, AR 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.

BENEFITS

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

FEATURES

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

APPLICATIONS

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

*Compared to traditional fluorescent luminaires without SmartCast™ Technology.



Cree SmartCast™ Technology

CR Series Troffers
with SmartCast™ Technology

Example: CR22-32L-35K-CMA

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL
CR24 2'x4' Lay-in	32L 35W 3200 Lumens - 90 LPW	30K 3000K	Blank 120-277V	CMA Controls ready with integral motion and ambient sensors. Compatible with control modules listed on specification sheet.
CR14 1'x4' Lay-in	40L 40W 4000 Lumens - 100 LPW	35K 3500K		
CR22 2'x2' Lay-in	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)	40K 4000K		
		50K 5000K		

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.

KR Series Architectural Downlights
with SmartCast™ Technology

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

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS
KR6 6"	9L up to 850 Delivered Lumens	27K 2700K	120V 120 Volts	10R Controls ready luminaire. Compatible with control modules listed on specification sheet.	EB7 Emergency Backup, 10 Watts, approx. 700 lumens
KR4 4"	13L up to 1250 Delivered Lumens	30K 3000K	277V 277 Volts		
	20L up to 2000 Delivered Lumens	35K 3500K			
	30L up to 3000 Delivered Lumens	40K 4000K			

CONTROL MODULES

CIF-10VCI-CWC-SNSR

Cree SmartCast™ Technology with ambient light and motion 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.

CS Series Linear Luminaires
with SmartCast™ Technology

Example: CS18-80LHE-35K-CMA

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

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** p.38
High-Efficiency, Affordable Troffers**CS SERIES LINEAR** p.62
Commercial Linear Solutions**KR SERIES DOWNLIGHTS** p.22
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
- Ideal for healthcare, hospitality, education, commercial and government applications

*Consult www.Lutron.com for details.

Lutron EcoSystem® Enabled

Ordering Information for Lutron EcoSystem® Enabled
KR Series Architectural Downlights

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

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS
KR6 6"	9L up to 660 Delivered Lumens	27K 2700K	120V 120 Volts	Triac Dimming	EB7
KR4 4"	13L up to 1050 Delivered Lumens	30K 3000K	277V 277 Volts	10V 0/1-10V Dimming	
	20L up to 1700 Delivered Lumens	35K 3500K		LES Lutron® EcoSystem Dimming	
	30L up to 2650 Delivered Lumens	40K 4000K		LFP Lutron® Forward Phase 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.

Ordering Information for Lutron EcoSystem® Enabled AR Series Troffers

Example: AR22-32L-35K-S

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS
AR24 2x4 Lay-in	32L 32W 3200 Lumens - 100 LPW	35K 3500K	Blank 120-277V	S Step dimming to 50%	EB14 Emergency Backup - 1400 Lumens
AR22 2x2 Lay-in	40L 40W 4000 Lumens - 100 LPW	40K 4000K		10V 0-10V dimming to 5%	
				LES Lutron EcoSystem® Enabled to 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.

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	20L 22W 2000 Lumens - 90 LPW	30K 3000K	Blank 120-277V	S Step dimming to 50%	HD High Definition Color - CRI 80+ (90 LPW)
CR14 1'x4' Lay-in	22L 22W 2000 Lumens - 100 LPW	35K 3500K			
CR22 2'x2' Lay-in	31L 34W 3100 Lumens - 90 LPW	40K 4000K		LES Lutron EcoSystem® Enabled to 5%	32L 35W 3200 Lumens - 90 LPW
	32L 35W 3200 Lumens - 90 LPW	50K 5000K			40L 44W 4000 Lumens - 90 LPW
	40L 44W 4000 Lumens - 90 LPW				EB14 Emergency Backup - 1400 Lumens
	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.

You May Also Be Interested In:

**CR SERIES TROFFERS** p.38
High-Efficiency, Affordable Troffers**CS SERIES LINEAR** p.62
Commercial Linear Solutions**KR SERIES DOWNLIGHTS** p.22
Effective, Efficient LED Downlights

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

XSP Series
Area p.98



Cree Edge™ Series
High Output Area / Area Square / Area Round p.100



Cree Edge™ Series
Pathway p.102



Cree SLM
Area p.104



LED STREET & ROADWAY

XSP Series Street Light
XSP1™ / XSP2™ / XSPR™ / XSP IP66 p.108



LEDway® Series Street Light
HT Mount / AA Mount p.110



LED STREET & ROADWAY

LEDway® Series High Output Street Light
High Output Single / High Output Double p.112



LEDway SLM® Series Street Light
LEDway SLM® / LEDway SLM® IP66 p.114



Cree Edge™ Series
Transportation Mount p.116



LED DECORATIVE STREET & ROADWAY

LED Upgrade Kit
Traditional Post-Top Upgrade Kit p.120



LED CANOPY & SOFFIT

CPY Series
Direct Mount Flat & Drop Lens p.124



228 Series™
Recessed Canopy & Soffit p.126





LED CANOPY & SOFFIT

LED PARKING STRUCTURE

304 Series™
Recessed Canopy & Soffit p.128

Cree Edge™ Series
Surface Mount Canopy p.130

304 Series™
Parking Structure p.134

VG Series
Parking Structure p.136



LED FLOOD

304 Series™
Flood p.140

Cree Edge™ Series
High Output Flood / Flood Square / Flood Round p.142

OL Series™
Linear Flood p.144



LED WALL MOUNT

XSP Series
Wall Pack p.148

Cree Edge™ Series
Wall Pack p.150



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.

Outdoor Luminaire Technology

NanoOptic® Technology

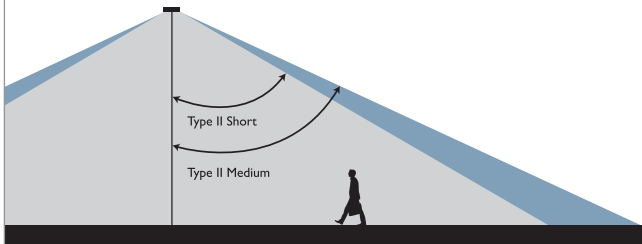
Over 20 Optic Choices for the Flexibility You Need

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:

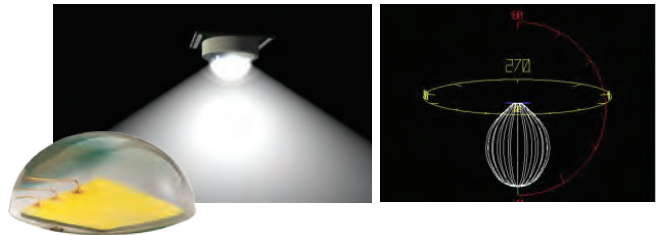
- More lumens delivered in the target area
- Improved uniformity ratios
- Controlled high angle brightness
- Over 20 optical distribution patterns to choose from

NanoOptic® Technology Explained

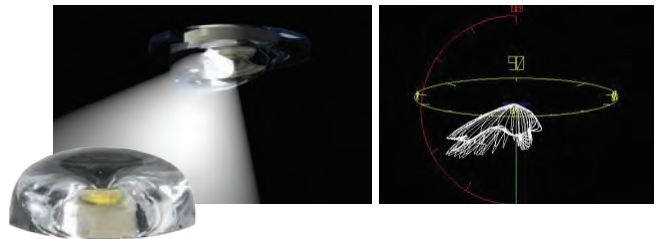
The illustration below represents the LED optical fine-tuning range that Cree outdoor luminaires can provide. The gray area shows Type II short optic coverage. The short optic can be utilized to comply with more stringent light spill and high angle brightness specifications or codes by incorporating 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.



Bare LED Package

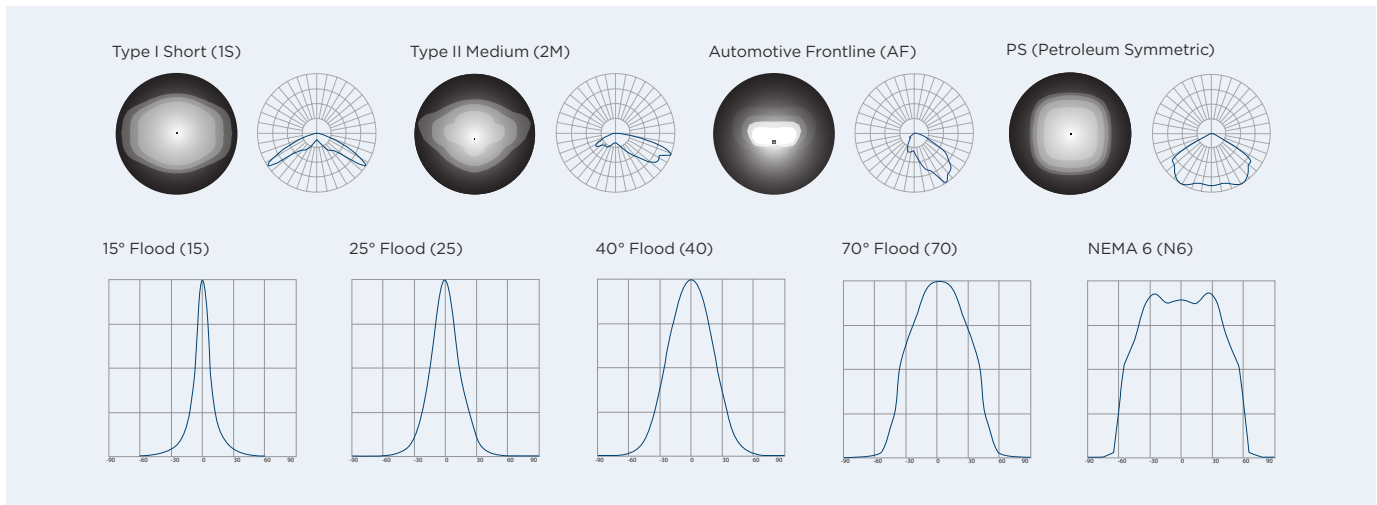


Cree® NanoOptic Refractor Control



NanoOptic Distribution Examples

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



Colorfast DeltaGuard® Finish

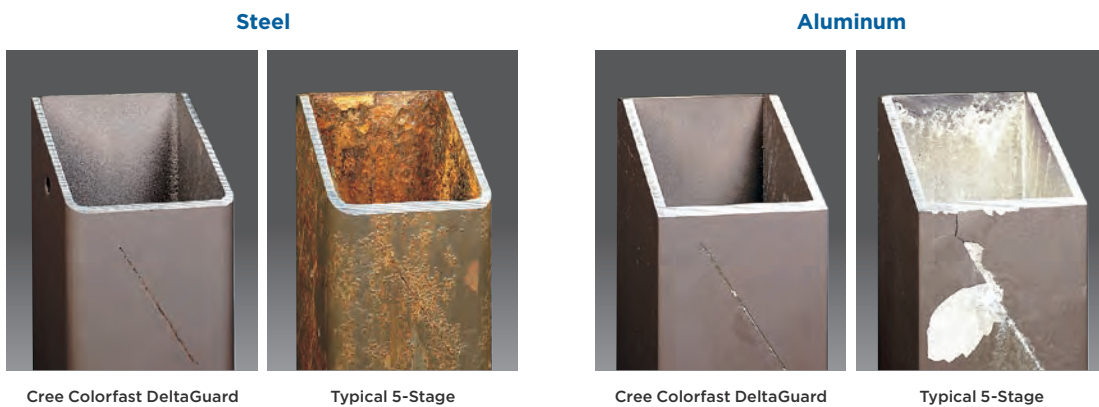
Premium Protection with Proven Results

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

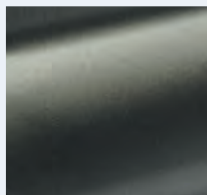
The same 3mm thickness of powder topcoat was applied to each of these four pole section samples, which were then scored and exposed to a salt fog test for 2,500 hours. The results are clear – our Colorfast DeltaGuard finish stood up to the test, proving our ability to protect your investment even in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



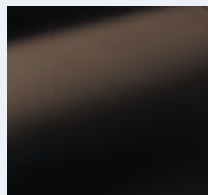
Color Finish Options

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

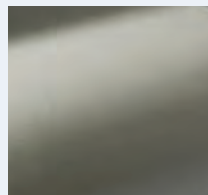
Black



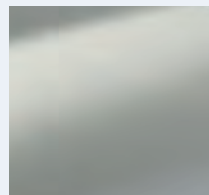
Bronze



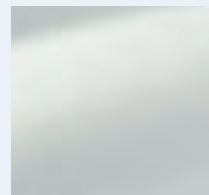
Platinum Bronze



Silver



White



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.



XSP Series

p.98



- Minimum 70 CRI
- CCT: 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 Pole-Mounted

p.100



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

Cree Edge™ Series Pathway

p.102



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

Cree® SLM

p.104



- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Two-level options
- Linear single light module accommodates 20 to 60 LEDs

XSP Series 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
- CCT: 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

XSP1™ Area

XSP2™/XSP2L™ Area



XSP Series Area

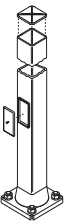

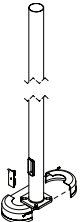




Ordering Information

Example: **BXSPB06GA-US**

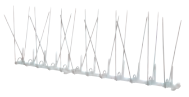
PRODUCT	VERSION	MOUNTING	OPTIC	MODULES	INPUT POWER DESIGNATOR	VOLTAGE	COLOR OPTIONS	OPTIONS
BXSP	A B	0 Horizontal Tenon 2 XSP IP66 version only	1 Type II Long 2 Type II F Type II Short G Type II w/ Backlight Shield 3 Type III H Type III w/ Backlight Shield K Type II Short w/ Backlight Shield 5 Type V 6 Type V Short	G 4000K (single-module) N 5700K (single-module) H 4000K (double-module) P 5700K (double-module)	A 53W (single-module) or 101W (double-module) L 168W (Type II and Type III optics) M 153W (Type V and Type VS optics)	U Universal 120-277V V Universal 347-480V	S Silver (Standard) T Black Z Bronze B Platinum W Bronze White	F Fuse G Small Four Point Mounting J Large Four Point Mounting K Occupancy Control N Utility Label and NEMA Photocell Receptacle Q Field Adjustable Output R NEMA Photocell Receptacle U 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.

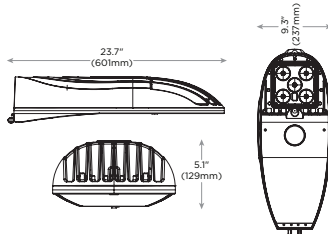
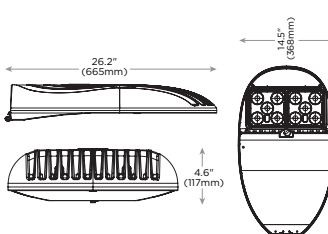
Poles & Tenon Options

POLE SPECIFICATION	HORIZONTAL TENON OPTIONS
Consult factory for more information.	* Specify mounting configuration
 <p>PS Crown-Weld® Square Straight Steel Poles</p>	 <p>PD-H4 Square Internal Mount Mounts to 4" (102mm) square aluminum or steel poles</p>
 <p>PSSR Round Steel Poles</p>	 <p>PT-H Round External Mount Mounts to 2-3/8 - 3" (60 - 76mm) round aluminum or steel poles</p>
 <p>PSRV Round Tapered Steel Poles</p>	 <p>WM-2L Wall Mount</p>
	 <p>XA-TMDA8 Direct Arm Pole Adaptor Bracket Mounts to 3 - 6" (76 - 152mm) round or square aluminum or steel poles</p>

Accessory Information

BIRD SPIKE OPTIONS*	BACKLIGHT CONTROL SHIELD OPTIONS	FOUR POINT MOUNTING KIT
 <p>XA-SP1BRDSPK (single-module) XA-SP2BRDSPK (double-module)</p>	<p>Provides 1/2 Mounting Height Cutoff</p> <p>XA-SP1BLS (for use with single-module) XA-SP2BLS (for use with double-module)</p>	<p>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</p>

Dimensions

XSP1™ (SINGLE-MODULE)	XSP2™ / XSP2L™ (DOUBLE-MODULE)
 <p>23.7" (601mm) length, 9.3" (237mm) height, 5.1" (129mm) depth</p>	 <p>26.2" (665mm) length, 14.5" (368mm) height, 4.6" (117mm) depth</p>

You May Also Be Interested In:



TRADITIONAL POST-TOP UPGRADE KIT p.120
Easily Convert Decorative Street Lights to LED



XSP SERIES WALL PACK p.148
Affordable Site Lighting Solutions



LEDWAY SERIES SLM STREET LIGHTS p.114
Sleek, Versatile Street Light Solutions

Cree Edge™ Series Pole-Mounted



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), 5000K (-/+300K, only Cree Edge™ High Output)
- Utilizes BetaLED® Technology
- UL wet listed
- Meets Buy American requirements within ARRA
- Two-level options
- 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, roadway

Cree Edge™ High Output Area



CREE
TRUE WHITE
TECHNOLOGY

Cree Edge™ Area Square



Cree Edge™ Area Round



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	EHO EDR EDG	1S	2MB	AA	02	E	UL	350	40K
		Type 1 Short	Type 2 Medium w/ Backlight Shield	Adjustable Arm	04	UL	Sliver	350mA	4000K CCT
		2M	2SB	DA	06	UH	BZ	525	50K
		Type 2 Medium	Type 2 Short w/ Backlight Shield	Direct Arm	08	Universal 120-277V	Bronze	525mA	5000K CCT
		2S	3M	DL	10	Universal 347-480V	BK	700	DIM
		Type 2 Short	Type 3 Medium Shield	Direct Long Arm	12	120V	Black	700mA	0-10V Dimming
		3M	4M	R3	14	12	WH	1000	F
		Type 3 Medium	Type 4 Medium w/ Backlight Shield	Post Top 2-3/8" to 3" OD	16	227V	White	1000mA	Fuse
		4M	5M	R4	20	347V	PB		HL
		Type 4 Medium	Type 5 Medium Shield	Post Top 4" Square	24		Platinum		High/Low (175/350/525, Dual Circuit Input)
		5M	5S	R5			Bronze		P
		Type 5 Medium	Type 5 Short	Post Top 5" Round Pole					Photocell
		Direct/Surface					R		
							NEMA Photocell Receptacle		
							ML		
							Multi-Level		
							TL		
							Two-Level (175/525) w/ Integrated Sensor Control		
							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.

You May Also Be Interested In:



VG SERIES PARKING STRUCTURE p.136
Scalable, Versatile Parking Structure Solutions

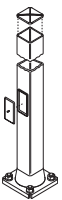

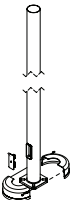







CREE EDGE™ SERIES WALL MOUNT p.150
Wall Mount Lighting Solutions

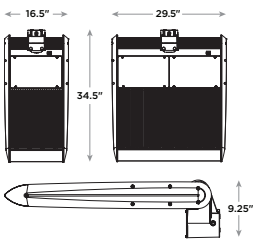
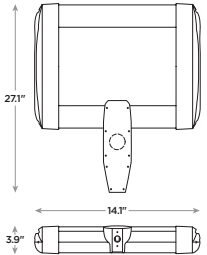
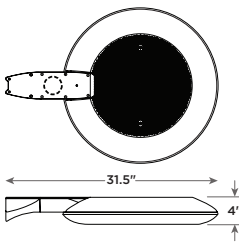


CREE EDGE™ SERIES FLOOD p.142
Flood Lighting Solutions

Poles & Tenon Options

POLE SPECIFICATION	TENON OPTIONS
Consult factory for more information.	Consult factory for more information.
 <p>PS Crown-Weld® Square Straight Steel Poles</p>	 <p>PA - Aluminum Square Internal Mount Vertical Tenons</p>
 <p>PSSR Round Steel Poles</p>	 <p>PD - Square Internal Mount Horizontal Tenons</p>
 <p>PSCV Curved Round Tapered Steel Poles</p>	 <p>PT - Round External Mount Horizontal Tenons</p>
 <p>PSRV Round Tapered Steel Poles</p>	 <p>PB - Steel Square Internal Mount Vertical Tenons</p>

Dimensions

CREE EDGE™ HIGH OUTPUT AREA	CREE EDGE™ AREA SQUARE	CREE EDGE™ AREA ROUND
<p>DM Mount</p>  <p>16.5" (width), 29.5" (width), 34.5" (height), 9.25" (depth)</p>	<p>DA Mount</p>  <p>27.1" (height), 14.1" (width), 3.9" (depth)</p>	<p>DA Mount</p>  <p>31.5" (width), 4" (depth)</p>

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)

Cree Edge™ Series Pathway



Cree Edge™ 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, roadway

Cree Edge™ Series Pathway

Ordering Information

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

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

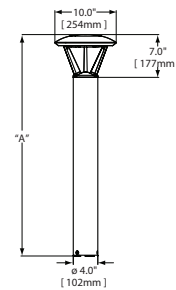
Accessory Information

UPGRADE KIT - USED FOR REPLACEMENT OF EXISTING BOLLARDS

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

CREE EDGE™ PATHWAY

Landscape-13	13" (330mm)
Landscape-18	18" (457mm)
Pathway	36" (914mm)
Pathway	42" (1067mm)
Pedestrian	96" (2438mm)



You May Also Be Interested In:

**VG SERIES PARKING STRUCTURE p.136**
Scalable, Versatile Parking Structure Solutions**CREE EDGE™ SERIES WALL MOUNT p.150**
Wall Mount Lighting Solutions**CREE EDGE™ SERIES FLOOD p.142**
Flood Lighting Solutions

Cree SLM Area



Cree SLM Area



Performance meets style and affordability.

Cree SLM Area luminaires blend performance with style and affordability to provide a unique area light solution. Available in 10-LED increments (20 to 60 LEDs), three power conditions and more than 20 optical distributions, our SLM Area luminaires offer a distinct look as well as exceptional illumination performance for site lighting applications.

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
- 10K surge suppression protection tested in accordance with IEEE/ANSI C62.41.2

APPLICATIONS

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

Cree SLM Area

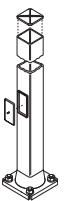
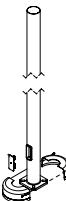




Ordering Information

Example: **ARE-SLM66-2M-DA-04-D-UL-BE-525-ML**

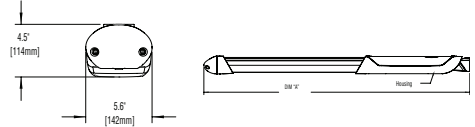
PRODUCT	FAMILY	OPTIC		MOUNTING	LED COUNT (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS	
ARE	SLM66	1S	Type 1 Short	DA Direct Arm Mount	02	D	UL Universal 120-277V	SE Silver (Standard)	525 525mA	40K 4000K CCT	
		2M	Type 2 Medium		03						04
		2MB	Type 2 Medium w/Backlight Shield		05						06
		3M	Type 3 Medium		HV						Horizontal/Vertical Tenon Mount
		3MP	Type 3 Medium w/Partial Backlight Shield		4M						Type 4 Medium
		2MP	Type 2 Medium w/Partial Backlight Shield		4MB						Type 4 Medium w/Backlight Shield
		2S	Type 2 Short		4MP						Type 4 Medium w/Partial Backlight Shield
		2SB	Type 2 Short w/Backlight Shield		5M						Type 5 Medium
		2SP	Type 2 Short w/Partial Backlight Shield		5S						Type 5 Short

* 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				TENON OPTIONS	
Consult factory for more information.				Consult factory for more information.	
					
PS Crown-Weld® Square Straight Steel Poles	PSSR Round Steel Poles	PSCV Curved Round Tapered Steel Poles	PSRV Round Tapered Steel Poles	PA - Aluminum Square Internal Mount Vertical Tenons	PD - Square Internal Mount Horizontal Tenons
				PB - Steel Square Internal Mount Vertical Tenons	PT - Round External Mount Horizontal Tenons

Dimensions

SLM IP66		Number of LEDs - DIM "A"	
DA Mount 		20	33.48" (850mm)
		30	38.28" (972mm)
		40	43.51" (1105mm)
		50	48.31" (1227mm)
		60	53.10" (1348mm)

You May Also Be Interested In:



VG SERIES PARKING STRUCTURE p.136
Scalable, Versatile Parking Structure Solutions



CREE EDGE™ SERIES WALL MOUNT p.150
Wall Mount Lighting Solutions



CREE EDGE™ SERIES FLOOD p.142
Flood Lighting Solutions

Accessory Information

BIRD-SPIKE OPTIONS



XA-BRDSPKSM20
(for use with 20-LED fixture)

XA-BRDSPKSM50
(for use with 30- to 50-LED fixture)

XA-BRDSPKSM60
(for use with 60-LED fixture)

PIPE SEALING KIT (HV MOUNT ONLY)

XA-SLMFTRKIT
(1.25" [32mm] IP Pipe Sealing Kit)

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.





XSP Series

p.108

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



LEDway® Series High Output

p.110

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



LEDway® Series

p.112

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



LEDway SLM® Series

p.114

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



Cree Edge™ Series

p.116

- 2000, 2200, 3200, 4000 or 5000 lumens
- 22W to 50W (90 to 110 LPW)
- 90 CRI at 3500K or 4000K
- Universal 120-277V driver
- Step dimming to 50%, 0-10V to 5%
- Suspended or surface kit mounting

XSP Series Street Lights



XSP1™ (single-module)



XSP2™ / XSP2L™ (double-module)



XSPR™



XSP IP66



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

APPLICATIONS

- Government & municipal, roadway

XSP Series Street Lights

Ordering Information

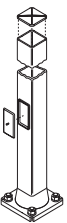

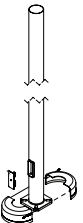


Example: **BXSPA03GA-USR**

PRODUCT	VERSION	MOUNTING	OPTIC	MODULES	INPUT POWER DESIGNATOR	VOLTAGE	COLOR OPTIONS	OPTIONS	
BXSP	A B	0 Horizontal Tenon	2 Type II	G 4000K (single-module)	A 53W (single-module)	U Universal 120-277V	S Silver (Standard)	F Fuse	
			F Type II Short	N 5700K (single-module)	or 101W (double-module)			T Black	G Small Four Point Mounting
	1 Type II Long	G Type II w/ Backlight Shield	H 4000K (double-module)	L 168W (double-module)	M 153W (double-module)	V Universal 347-480V	B Platinum Bronze	W White	J Large Four Point Mounting
									3 Type III
	2 XSP IP66 Version Only	K Type II Short w/ Backlight Shield	H Type III w/ Backlight Shield	P Type IV	5 Type V	6 Type V Short	R NEMA Photocell Receptacle	U Utility	N Utility Label and NEMA Photocell Receptacle
									Q Field Adjustable Output

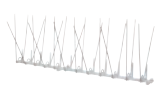
PRODUCT	VERSION	MOUNTING	OPTIC	MODULES	INPUT POWER DESIGNATOR	VOLTAGE	COLOR OPTIONS	OPTIONS	
BXSPR	A	0 Horizontal Tenon	1 Type II Long	F 4000K	C 42W	- US * Canada	U Universal 120-277V	S Silver	Y 0-10V Dimming
			2 Type II	M 5700K	G 25W				N Utility Label and NEMA Photocell Receptacle
			3 Type III						R NEMA Photocell Receptacle
									U 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.

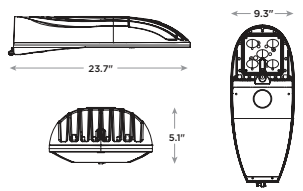
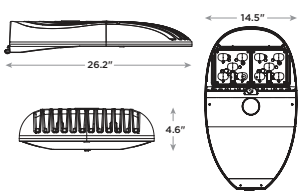
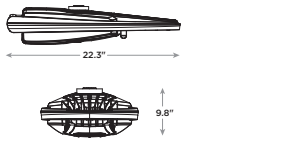
Poles & Tenon Options

POLE SPECIFICATION	HORIZONTAL TENON OPTIONS
Consult factory for more information.	Consult factory for more information.
 <p>PS Crown-Weld® Square Straight Steel Poles</p>	 <p>PD-H4 Square Internal Mount</p>
 <p>PSSR Round Steel Poles</p>	 <p>PT-H Round External Mount</p>
 <p>PSRV Round Tapered Steel Poles</p>	*Specify mounting configuration.

Accessory Information

BIRD SPIKE OPTIONS*	BACKLIGHT CONTROL SHIELD OPTIONS	FOUR POINT MOUNTING KIT
 <p>XA-SP1BRDSPK (single-module)</p> <p>XA-SP2BRDSPK (double-module)</p> <p>* Bird Spikes does not apply to XSPR.</p>	<p>Provides 1/2 Mounting Height Cutoff</p> <p>XA-SP1BLS (for use with single-module)</p> <p>XA-SP2BLS (for use with double-module)</p>	<p>XA-XSP4PTMNT</p> <p>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</p>

Dimensions

XSP1™ (SINGLE-MODULE)	XSP2™ / XSP2L™ (DOUBLE-MODULE)	XSPR™
		

You May Also Be Interested In:



TRADITIONAL POST-TOP UPGRADE KIT p.120
Decorative, Upgrade Solutions

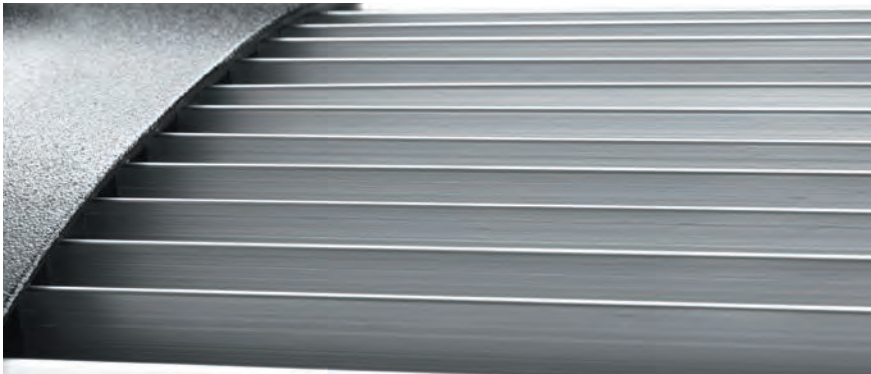


LEDWAY® SERIES STREET LIGHTS p.112
Versatile Street Light Solutions



CREE EDGE™ AREA p.100
Sleek, Modular Area 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

LEDway® Series High Output Street Lights

Ordering Information

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

PRODUCT	OPTIC	MOUNTING	MODULE	LED SERIES	VOLTAGE	COLOR OPTIONS	INPUT POWER DESIGNATOR	CCT	FACTORY INSTALLED OPTIONS
STR LWY	2ME Type 2 Medium 3ME Type 3 Medium	HT Horizontal Tenon	1 Single Module 2 Double Module	F - US + Canada	UL Universal 120-277V	SV Silver BK Black BZ Bronze PB Platinum Bronze WH White	A Single Module 136W Double Module 274W	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.

You May Also Be Interested In:



LEDWAY SERIES SLM STREET LIGHTS p.114
Sleek, Versatile Street Light Solutions



AREA SLM p.104
Low-Profile Area Lighting Solutions

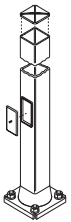


CREE EDGE™ TSP TRANSPORTATION MOUNT p.116
Bridge, Overpass & Tunnel Lighting Solutions

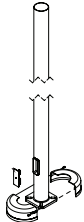
Poles & Tenon Options

POLE SPECIFICATION

Consult factory for more information.



PS
Crown-Weld® Square Straight Steel Poles



PSSR
Round Steel Poles



PSRV
Round Tapered Steel Poles



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



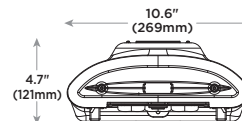
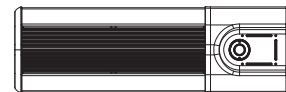
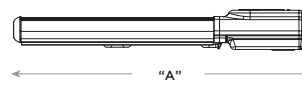
XA-TMDA8
Direct Arm Pole Adaptor Bracket
Mounts to 3 - 6" (76 - 152mm) round or square aluminum or steel poles

HORIZONTAL TENON OPTIONS

* Specify mounting configuration

Dimensions

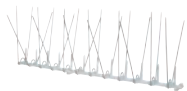
LEDWAY SERIES HIGH OUTPUT STREET LIGHT



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

Accessory Information

BIRD SPIKE OPTIONS



XA-BRDSPKHSG
Bird Spikes for Housing

LEDway® Series Street Lights



LEDway - HT Mount



LEDway - AA 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

LEDway® Series Street Lights

Ordering Information

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

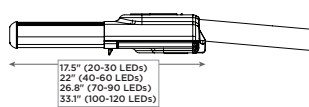
PRODUCT	FAMILY	OPTIC	MOUNTING	# OF LEDs (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS																												
STR	LWY	1S Type 1 Short	3M Type 3 Medium	AA Adjustable Arm	02	E	UL Universal 120-277V	525 525mA	IP IP66 Classification																												
		2M Type 2 Medium	3MB Type 3 Medium w/Backlight Shield	03	UH Universal 347-480V					SV Silver (Standard)	700 700mA (Standard)	40K 4000K CCT																									
		2MB Type 2 Medium w/Backlight Shield	3MP Type 3 Medium w/Partial Backlight Shield	04	BK Black								BZ Bronze	DIM 0-10V Dimming																							
		2MP Type 2 Medium w/Partial Backlight Shield	4M Type 4 Medium	05											PB Platinum Bronze	F Fuse	HL High/Low (175/350/525, Dual Circuit Output)																				
		2S Type 2 Short	4MB Type 4 Medium w/Backlight Shield	06														WH White	N No Quick Disconnect Harness or Leveling Bubble	R NEMA Photocell Receptacle																	
		2SB Type 2 Short w/Backlight Shield	4MP Type 4 Medium w/Partial Backlight Shield	07																	SC Door Safety Tether	UTL Utility															
		2SP Type 2 Short w/Partial Backlight Shield	5M Type 5 Medium	08																			PD Power Door	ML Multi-Level													
			5S Type 5 Short	09																					UL Universal 120-277V	SV Silver (Standard)	700 700mA (Standard)	40K 4000K CCT									
				10																									BK Black	BZ Bronze	DIM 0-10V Dimming						
				11																												PB Platinum Bronze	F Fuse	HL High/Low (175/350/525, Dual Circuit Output)			
				12																															WH White	N No Quick Disconnect Harness or Leveling Bubble	R NEMA Photocell Receptacle
			PD Power Door	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.

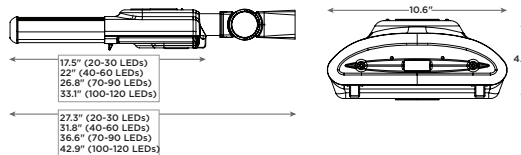
Dimensions

LEDWAY® LED STREET LIGHT

HT Mount

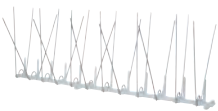


AA Mount



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)

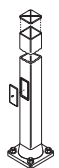
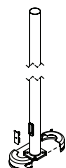
EXTERNAL BACKLIGHT SHIELD OPTIONS

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)

Poles & Tenon Options

POLE SPECIFICATION

Consult factory for more information.

**PS**
Crown-Weld® Square
Straight Steel Poles**PSSR**
Round Steel Poles**PSRV**
Round Tapered
Steel Poles

TENON OPTIONS

Consult factory for more information.

**PD-H4**
Square Internal Mount Horizontal Tenons**PT-H**
Round External Mount Horizontal Tenons**WM-4L**
Round External Mount

*Specify mounting configuration.

You May Also Be Interested In:

**LEDWAY SERIES SLM
STREET LIGHTS p.114**
Sleek, Versatile Street Light Solutions**AREA SLM p.104**
Low-Profile Area Lighting Solutions**CREE EDGE™ TSP
TRANSPORTATION
MOUNT p.116**
Bridge, Overpass & Tunnel
Lighting Solutions

LEDway SLM® Series Street Lights



Fresh aesthetic without compromised performance.

Tired of the same old looking street lights? The LEDway SLM® luminaire offers a new look for street lighting without sacrificing performance. Available in 10-LED increments (20 to 60 LEDs), three power conditions and more than 20 optical distributions, the LEDway SLM street light can meet sustainable illumination performance requirements while maximizing energy savings in a budget-friendly manner. LEDway SLM luminaires can provide a distinct look while still delivering exceptional illumination performance, significant reduction in energy usage, maintenance savings and value.

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
- UL wet listed
- Exclusive Colorfast DeltaGuard® Finish
- Field adjustable power conditions
- Scalable design

APPLICATIONS

- Government & municipal, roadway

LEDway SLM Street Light



LEDway SLM IP66 Street Light



LEDway SLM® Series Street Lights

Ordering Information

Example: STR-SLM-4MB-HT-02-E-UL-SV-700

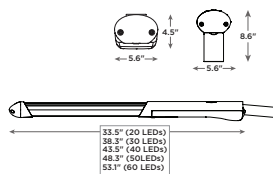
PRODUCT	FAMILY	OPTIC	MOUNTING	LED COUNT (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS	
STR	SLM SLM66	1S Type 1 Short	HT Horizontal Tenon	02 03 04 05 06	E	UL Universal 120-277V UH Universal 347-480V	SV Silver (Standard) BK Black BZ Bronze PB Platinum Bronze WH White SE Silver BE Black ZE Bronze PE Platinum Bronze WE White	525 525mA 700 700mA 1000 1000mA	40K 4000K CCT CD 24" Cord DIM 0-10V Dimming F Fuse ML Multi-Level R NEMA Photocell RECEPTACLE UTL Utility	
		2M Type 2 Medium								3M Type 3 Medium
		2MB Type 2 Medium w/Backlight Shield								3MB Type 3 Medium w/Backlight Shield
		2MP Type 2 Medium w/Partial Backlight Shield								3MP Type 3 Medium w/Partial Backlight Shield
		2S Type 2 Short								4M Type 4 Medium
		2SB Type 2 Short w/Backlight Shield								4MB Type 4 Medium w/Backlight Shield
		2SP Type 2 Short w/Partial Backlight Shield								4MP Type 4 Medium w/Partial Backlight Shield
										5M Type 5 Medium
										5S Type 5 Short

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

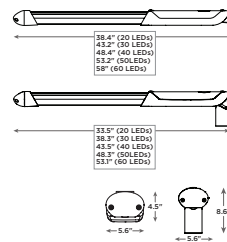
Dimensions

LEDWAY SLM® LED STREET LIGHT

LEDway SLM® (HT Mount)



LEDway SLM® IP66 (HV Mount)



Accessory Information

BIRD SPIKE OPTIONS

XA-BRDSPKSM50

For use with 30-50 LED light engines

XA-BRDSPKSM20

For use with 20 LED light engines

XA-BRDSPKSM60

For use with 60 LED light engines

PIPE SEALING KIT (SLM66 MODELS ONLY)

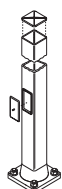
XA-SLMFTRKIT

1.25" (32mm) IP Pipe Sealing Kit

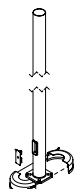
Poles & Tenon Options

POLE SPECIFICATION

Consult factory for more information.



PS
Crown-Weld® Square Straight Steel Poles



PSSR
Round Steel Poles



PSCV
Curved Round Tapered Steel Poles



PSRV
Round Tapered Steel Poles

TENON OPTIONS



PA - Aluminum Square Internal Mount Vertical Tenons



PB - Steel Square Internal Mount Vertical Tenons



PD - Square Internal Mount Horizontal Tenons



PT - Round External Mount Horizontal Tenons



PD-H4 - Square Internal Mount Horizontal Tenons



PT-H - Round External Mount Horizontal Tenons

You May Also Be Interested In:



OL SERIES™ FLOOD p.144
Versatile Illumination Opportunity with 360° Adjustability



CREE EDGE™ AREA p.100
Sleek, Modular Area Lighting Solutions



XSP SERIES STREET LIGHT p.108
High-Efficiency Street Light Solutions

Cree Edge™ Series TSP Transportation Mount



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, 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 Edge™ Series TSP Transportation Mount

Ordering Information

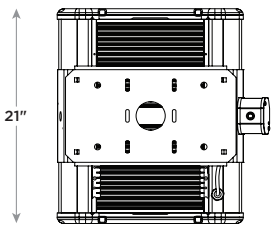
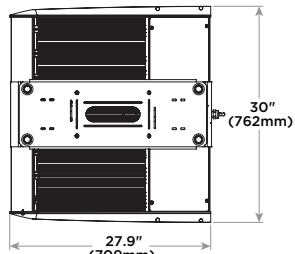
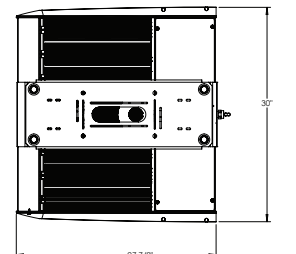
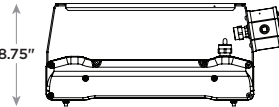
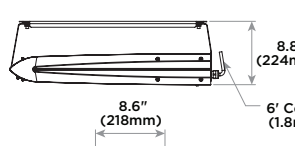
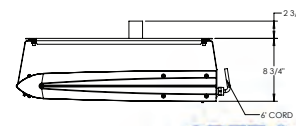
Example: TSP-EDG-2M-DM-06-E-UL-SV-525-DIM

PRODUCT	FAMILY	OPTIC	MOUNTING	# OF LEADS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS	
TSP	EDG	1S Type 1 Short	3MB Type 3 Medium w/ Backlight Shield 3MP Type 3 Medium w/ Partial Backlight Shield 4MB Type 4 Medium w/ Backlight Shield 4MP Type 4 Medium w/ Partial Backlight Shield 5S Type 5 Short 2MB Type 2 Medium w/ Backlight Shield 2MP Type 2 Medium w/ Partial Backlight Shield 2SB Type 2 Short w/ Backlight Shield 2SP Type 2 Short w/ Partial Backlight Shield	DM Direct Mount	04	E	UL Universal 120-277V UH Universal 347-480V 25D 250VDC	SV Silver BZ Bronze BK Black WH White PB Platinum Bronze	350 350mA 525 525mA 700 700mA	40K 4000K CCT DIM 0-10V Dimming F Fuse HL High/Low (175/350/525 Dual Circuit Input)
		PD 3/4 NPSM Mounting System		06						
		08		12						
		10		14						
		12		16						
		14		18						
		16		20						
		18		24						
		20		24						
		24		CM Catenary Mount						
				PS Petroleum Symmetric						
				15 15-degree						
				25 25-degree						
				40 40-degree						
				70 70-degree						

PRODUCT	OPTIC	MOUNTING	# OF LEADS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS	
TSP EHO	1S Type 1 Short	5S Type 5 Short N6 NEMA6	DM Direct Surface	12	E	UL Universal 120-277V UH Universal 347-480V	SV Silver BZ Bronze BK Black WH White PB Platinum Bronze	700 700mA 1000 1000mA	40K 4000K CCT 50K 5000K CCT DIM 0-10V Dimming F Fuse ML Multi-Level
	2S Type 2 Short		24						
	3M Type 3 Medium								

*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	EHO -DM Mount	EHO -PD Mount
		
		

You May Also Be Interested In:



VG SERIES PARKING STRUCTURE p.136
Scalable, Versatile Parking Structure Solutions



CREE EDGE™ SERIES WALL MOUNT p.150
Wall Mount Lighting Solutions



CREE EDGE™ SERIES FLOOD p.142
Flood Lighting Solutions

LED Decorative Street & Roadway

Traditional post-top luminaires are designed for use with traditional sources like high-pressure sodium or metal halide lamps and the light distribution these sources produce. 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 luminaires. The result is improved optical control and target efficacy that combines a classic day-form style with a beautiful nightscape appearance.





LED Upgrade Kit

p.120

- 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

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



Traditional Post-Top Upgrade Kit

Ordering Information

Example: BXRAAH53-UD7Y

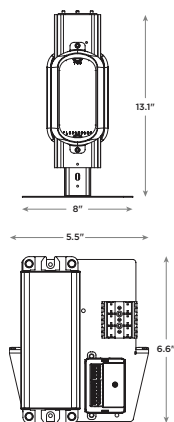
PRODUCT	VERSION	STYLE	OPTIC	# OF SIDES	VOLTAGE	INPUT POWER	COLOR TEMPERATURE	OPTIONS
BXRA	A	A Holophane® Granville Acorn	5 Symmetric Module	3	U Universal 120-277V	D 65W-68W	1 2700K CCT	Y 0-10V Dimming
		B Holophane® Washington PostLite® Acorn						
		D King Luminaire Washington Acorn						
		E Holophane®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

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

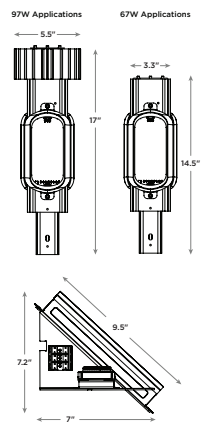
Dimensions

TRADITIONAL POST-TOP UPGRADE KITS

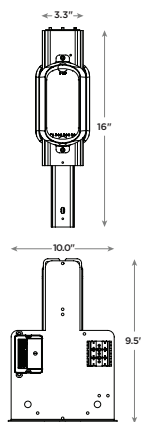
BXRAAA



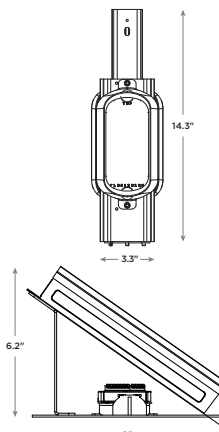
BXRAAB



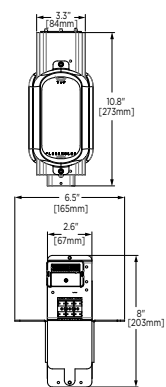
BXRAAD



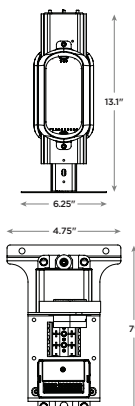
BXRAAE



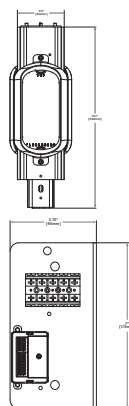
BXRAAF



BXRAAH



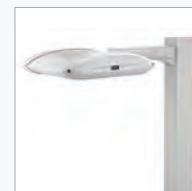
BXRAAK



You May Also Be Interested In:



CREE EDGE™ SERIES WALL MOUNT p.150
Wall Mount Lighting Solutions



CREE EDGE™ SERIES AREA p.100
Sleek, Modular Area Lighting Solutions



CREE EDGE™ SERIES FLOOD p.142
Flood Lighting Solutions

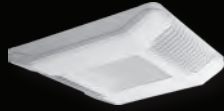
LED Canopy & Soffit

Commercial and retail canopy lighting plays a vital role in the appearance and perception of a business. Reduced light levels and random lamp outages over time typical of traditional lighting products can leave businesses looking unsafe and uninviting. 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

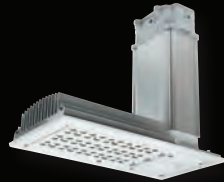
p.124



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

228 Series™

p.126



- 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™

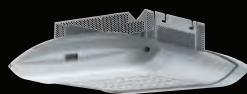
p.128



- 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

p.130



- 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



A new performance standard in LED canopy lighting.

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 (122W)
- Direct surface mount, pendant mount or hook and cord
- Slim, low-profile design
- Exclusive Colorfast DeltaGuard® Finish

APPLICATIONS

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

CPY Series - Flat Lens



CPY Series - Drop Lens



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	D 0.91" (23mm) Drop Lens F Flat Lens	A 82W B 122W	UL Universal 120-277V UH Universal 347-480V	WH White (Standard) SV Silver BZ Bronze BK Black PB Platinum Bronze	DIM 0-10V Dimming 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 KIT

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



JUNCTION BOX / STEM KIT

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



BEAUTY PLATE

Metal plate used when replacing surface-mounted HID luminaires.

Painted DeltaGuard® white.

XA-BXCCBPW - Square 26"

XA-BXCCBP12W - Beauty Plate w/ 12" (305mm) Backer

XA-BXCCBP16W - Beauty Plate w/ 16" (406mm) Backer



TOOLS

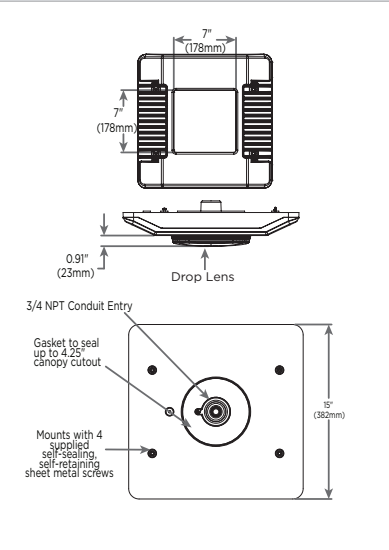
Hand-Held Remote - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

XA-SENSREM - Tamper Resistant Driver Bit

TPS-2

Dimensions

CPY SERIES DIRECT-MOUNT CANOPY



You May Also Be Interested In:



CREE EDGE™ SERIES AREA p.100
Sleek, Modular Area Lighting Solutions



XSP SERIES WALL PACK p.148
Affordable Site Lighting Solutions



LEDWAY® SERIES STREET LIGHTS p.112
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

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Serviceable from below the canopy deck
- Drive currents field adjustable
- Suitable for use in single or double skin canopies with 12" or 16" wide panels
- Designed for ease of installation
- 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



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	3M Type 3 Medium	RM	RT4	Upgrade for ElSCO Merritt Series	03 06 09	E	UL Universal 120-277V	WH White (Standard)	350 350mA	40K 4000K CCT															
			RR										DIM 0-10V Dimming													
			5M	RT5								Upgrade for Jet-Philips Series	ML Multi-Level (75/525)													
		5S Type 5 Medium	RT1	Upgrade for ElSCO Franciscan Series	RT6	Upgrade for LSI Richmond or Whiteway Civic Series						900 900mA	PML Programmable Multi-Level													
			PS	Petroleum Symmetric	RT2	Upgrade for LSI Dakota or Masters Series						1000 1000mA														
			SL	Sparkle Petroleum	RT3	Upgrade for Whiteway Riviera 2 or Rig-A-Lite Series																				
		27	277V	BK Black	PB Platinum Bronze																					
																			12 120V	BZ Bronze	700 700mA					
																							UH Universal 347-480V	SV Silver	525 525mA	

* 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-CTP26X32WT - Spans two 16" deck panels

XA-CTP26X24WT - Spans two 12" deck panels

Accessory Information

MOUNTING C CHANNELS (SFT-228 MODELS ONLY)

XA-MC30 Mounting C Channel - 30" (762mm) Long

XA-MC14 Mounting C Channel - 14" (356mm) Long

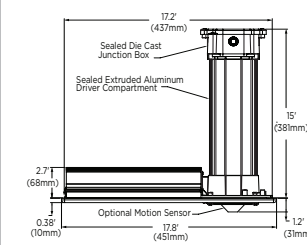
XA-MC22 Mounting C Channel - 22" (559mm) Long

MOUNTING BRACKETS (SFT-228 MODELS ONLY)

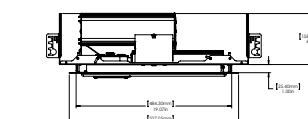
XA-MB4

Dimensions

228 SERIES™ RECESSED CANOPY



228 SERIES™ RECESSED SOFFIT



You May Also Be Interested In:



**CREE EDGE™ SERIES
AREA p.100**
Sleek, Modular Area Lighting Solutions



**XSP SERIES
WALL PACK p.148**
Affordable Site Lighting Solutions



**LEDWAY® SERIES
STREET LIGHTS p.112**
Versatile Street Light Solutions

304 Series™ Recessed Canopy and Soffit



304 Series™ Recessed Canopy



304 Series™ Recessed 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, three power conditions, and multiple optical distributions and mountings, 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 and Soffit

Ordering Information

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

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

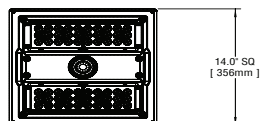
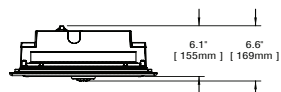
* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

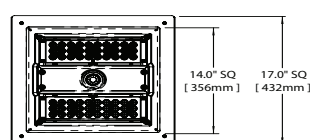
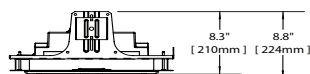
304 SERIES™ RECESSED CANOPY

304 SERIES™ RECESSED SOFFIT

RD Mount



RM Mount



You May Also Be Interested In:



304 SERIES™ FLOOD p.140
Low-Profile Flood Lighting Solutions



304 SERIES™ PARKING STRUCTURE p.134
Low-Profile Parking Structure Lighting Solutions

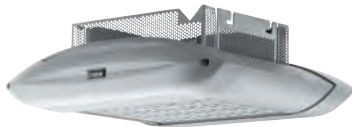


304 SERIES™ INTERIOR p.64
High-Performance Interior Lighting Solutions

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 power conditions 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 Edge™ Series Surface Mount Canopy

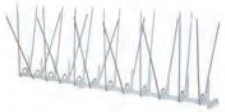
Ordering Information

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	PS	DM	04	E	UL	WH	350	40K												
		Type 1 Short	Petroleum	Direct	06						Universal	White (Standard)	350mA	40K CCT								
		3M	SL	PD	08						120-277V	525	DIM									
		Type 3 Medium	Symmetric	Pendant	10						347-480V	525mA	0-10V Dimming									
		3MB	SL	UP	12							UH	SV	700								
		Type 3 Medium w/ Backlight Shield	Sparkle	Uplight	14										Universal	Silver	700mA	F				
		U	Petroleum		16										340V	BZ	Bronze	HL				
		3MP	15		20														High/Low (175/350/525, Dual Circuit Input)			
		Type 3 Medium w/ Partial Backlight Shield	15°		24														PB	Platinum Bronze	PML	
		5M	25																			Programmable Multi-Level
		70	25°																			
		5S	40																			
		Type 5 Medium	40°																			
		70	40°																			
		5S	70																			
		Type 5 Short	70°																			

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

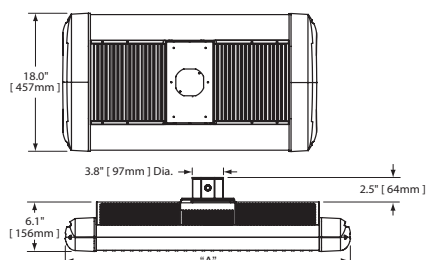
Accessory Information

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)
 <p>XA-BRDSPK</p>	<p>XA-CLSB16 - For use when mounting fixture to solid surfaces</p>	<p>XA-PNDTLVL - For 0-13° sloped ceilings</p>	<p>XA-CL12KIT - 12" (305mm)* XA-CL18KIT - 18" (457mm)* XA-CL22KIT - 22" (559mm)*</p> <p>* Pendant height to bottom of fixture; mounting accessories or surface boxes will add to overall height.</p>	<p>XA-PSFTG</p>

Dimensions

CREE EDGE™ SURFACE MOUNT CANOPY

DM Mount



# 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 p.136
Scalable, Versatile Parking Structure Solutions



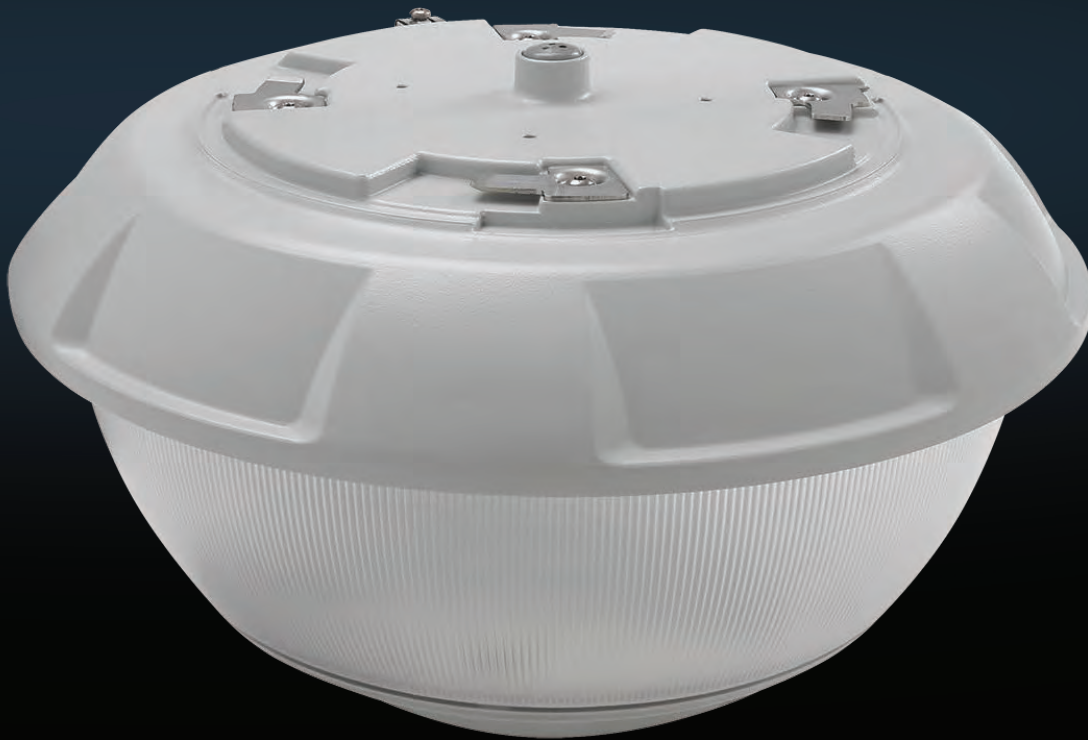
CREE EDGE™ SERIES WALL MOUNT p.150
Wall Mount Lighting Solutions



CREE EDGE™ SERIES FLOOD p.134
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.





304 Series™

p.134

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



VG Series

p.136

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- UL wet listed
- Multi-Level options
- Integrated occupancy sensor
- Modular, low-profile design



Cree Edge™ Series

Visit Cree.com/Lighting/EdgeParking to learn more.

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

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 (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Multi-Level options
- Integrated occupancy sensor
- 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

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 25 25-degree 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 PB Platinum Bronze	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.

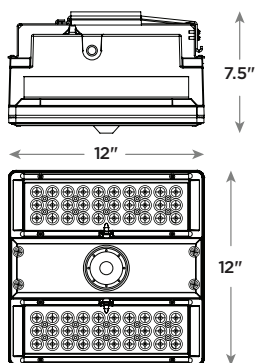
Accessory Information

FOR DIRECT MOUNT	FOR HOOK AND CORD MOUNT	FOR PENDANT MOUNT
XA-XCPVLNC - Bird Valance	XA-L515P (120V) - Locking-Type Plug XA-L615P (208/240V) - Locking-Type Plug XA-L715P (277V) - Locking-Type Plug XA-L3720P (347V) - Locking-Type Plug XA-L515R - Locking-Type Receptacle (120V) XA-L615R - Locking-Type Receptacle (208/240V) XA-L715R - Locking-Type Receptacle (277V) XA-L720R - Locking-Type Receptacle (347V) XA-XCPBRDGRD - Bird Guard	XA-PNDTLVL - Leveler (For 0-13° sloped ceilings) XA-PS12KIT - 12" (305mm) Pendant Kit* XA-PS18KIT - 18" (457mm) Pendant Kit* XA-PS22KIT - 22" (559mm) Pendant Kit* XA-PSFTG - Pendant Fitting XA-XCPBRDGRD - Bird Guard *Pendant height from ceiling surface to bottom fixture; mounting accessory or surface boxes will add overall height.

Dimensions

304 SERIES™ PARKING STRUCTURE

DM Mount



You May Also Be Interested In:



CREE EDGE™ SERIES CANOPY p.122
Low-Profile, Easy-Mount Canopy Lighting Solutions



CREE EDGE™ SERIES WALL MOUNT p.150
Wall Mount Lighting Solutions



CREE EDGE™ SERIES FLOOD p.142
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 10% upright. 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

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

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- IP66 Rated
- UL wet listed
- Five mounting options:
Surface direct, J-box, pendant, trunnion and hook & cord
- Integrated occupancy sensor with ambient light sensor (optional)
- Low-profile architectural design

APPLICATIONS

- Airport, corporate & office, education, government & municipal, healthcare, industrial & warehouse, pedestrian & recreation, restaurant & hospitality, retail & grocery

VG Series Vehicle Garage Luminaire




Ordering Information

Example: **VGADM5MA40K-ULSV**

PRODUCT	VERSION	MOUNTING	OPTIC	INPUT POWER DESIGNATOR	CCT	-	VOLTAGE	COLOR OPTIONS	OPTIONS
VG	A	DM Surface Direct Mount HC Hook & Cord Mount JB J-Box Mount PD Pendant Mount TR Trunnion Mount	5M Symmetric Medium 5W Symmetric Wide	A 50W	40K 4000K 57K 5700K	- *	UL Universal 120-277V 34 347V 48 480V	SV Silver BZ Bronze BK Black WH White PB Platinum Bronze	DIM 0-10V Dimming ML Multi-Level Occupancy Sensor PML Wireless Remote Occupancy Control TP Tamper Proof

* 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

<p>PERIMETER SHROUD</p> <p>XA-PS</p> 	<p>BIRD SHROUD</p> <p>VG-BS for DM, HC, JB and PD Mounts</p> 	<p>HAND-HELD REMOTE</p> <p>XA-SENSREM for PML Option</p> 
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Dimensions


VG SERIES PARKING STRUCTURE

DM Mount




13.3" (337mm) Surface Mount Bracket
4.3" (110mm) Die Cast Aluminum Top Housing
9.8" (249mm) 3.7" (94mm) Acrylic Lens
0.8" (22mm) Die Cast Aluminum Bottom Housing
Occupancy Sensor (Multi-Level Option)

HC Mount




13.3" (337mm) Hook
4.3" (110mm) Hook Mount Bracket
11.5" (293mm) Die Cast Aluminum Top Housing
3.7" (94mm) Acrylic Lens
0.8" (22mm) Die Cast Aluminum Bottom Housing
Occupancy Sensor (Multi-Level Option)

TR Mount




Adjustable Range of Dimension 'A':
13.3" (337mm) - 22.3" (565mm)
13.3" (337mm) 10.5" (267mm)
5/16" Bolt & Washer (2-PLCS)
Top Trunnion Bracket (Steel)
Bottom Trunnion Bracket (Steel)
Die Cast Aluminum Top Housing
Acrylic Lens Translucent
Die Cast Aluminum Bottom Housing
Occupancy Sensor (Multi-Level Option)

JB Mount

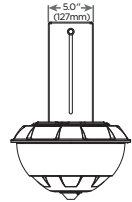


13.3" (337mm) J-Box Quick Mount Bracket Sealed
2.4" (62mm) Gasket
7.9" (201mm) Wireway Sealed
7.9" (201mm) Die Cast Aluminum Top Housing
3.7" (94mm) Acrylic Lens
0.8" (22mm) Die Cast Aluminum Bottom Housing
Occupancy Sensor (Multi-Level Option)

PD Mount



13.3" (337mm) Pendant & Connector (Supplied by Others)
4.3" (110mm) Pendant Mount Bracket
9.8" (249mm) Die Cast Aluminum Top Housing
3.7" (94mm) Acrylic Lens
0.8" (22mm) Die Cast Aluminum Bottom Housing
Occupancy Sensor (Multi-Level Option)



5.0" (127mm)

You May Also Be Interested In:



CREE EDGE™ SERIES AREA p.100
Sleek, Modular Area Lighting Solutions



CREE EDGE™ SERIES WALL MOUNT p.150
Wall Mount Lighting Solutions



CREE EDGE™ SERIES FLOOD p.142
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.





304 Series™

p.140

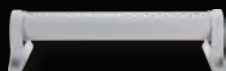
- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- Utilizes BetaLED® Technology
- UL wet listed
- Low-profile design



Cree Edge™ Series

p.142

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



OL Series™

p.144

- 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

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)
- Utilizes BetaLED® Technology
- UL wet listed
- Photometric testing to IESNA-79-08 standards
- 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

304 Series™ Flood

Ordering Information

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

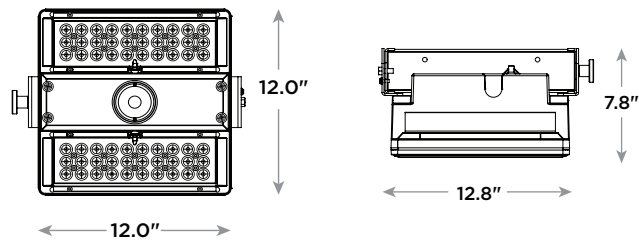
FAMILY	PRODUCT	OPTIC		MOUNTING	# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS																	
FLD	304	2M Type 2 Medium	SL Sparkle	YM Yoke Mount	04 06	E	UL Universal 120-277V	SV Silver	350 350mA	40K 4000K CCT																	
			SN Petroleum					BZ Bronze			525 525mA	DIM 0-10V Dimming															
		3M Type 3 Medium	SN Sign					UH Universal 347-480V			BK Black	700 700mA (Standard)	F Fuse														
			15 15°								WH White			ML Multi-Level (75/525)													
		5M Type 5 Medium	40 40°								PB Platinum Bronze																
			25 25°																								
		5S Type 5 Short	70 70°																								
			40 40°																								
		N6 NEMA 6x6																									
		PS Petroleum Symmetric																									

* 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



You May Also Be Interested In:

**304 SERIES™ CANOPY** p.128
Canopy Lighting Solutions**304 SERIES™ PARKING STRUCTURE** p.134
Low-Profile Parking Structure Lighting Solutions**304 SERIES™ INTERIOR** p.64
High-Performance Interior Lighting Solutions

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 Round



Cree Edge™ Flood Square



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 EDR EDG	N6 NEMA 6x6	AA Adjustable Arm	02	E	UL Universal 120-277V	SV Silver	350 350mA	40K 4000K CCT	
				04						
				06						
		SN Sign	SA Side Arm Mount	08		UH Universal 347-480V	BK Black	700 700mA	F Fuse	
				10						
				12						
				14						
				16						
				20						
				24						
		15 15°				12	WH White	1000 1000mA	HL High/Low (175/350/525 Dual Circuit Input)	
										25
										25°
40 40°			20	PB Platinum		P Photocell				
							70			
70°			27	R NEMA Photocell Receptacle		ML Multi-Level (75/525)				
			34							
			48	UP Uplight Configuration						
			48V							

* 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	CREE EDGE™ FLOOD ROUND	CREE EDGE™ FLOOD SQUARE
AA MOUNT 	AA MOUNT 	AA MOUNT

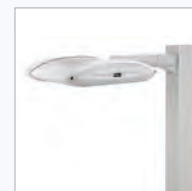
You May Also Be Interested In:



VG SERIES PARKING STRUCTURE p.136
Scalable, Versatile Parking Structure Solutions



CREE EDGE™ SERIES WALL MOUNT p.150
Wall Mount Lighting Solutions



CREE EDGE™ AREA p.100
Sleek, Modular Area 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
- Photometric testing to IESNA-79-08 standards
- 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

OL Series™ Linear Flood

Ordering Information

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

FAMILY	PRODUCT	OPTIC	MOUNTING/LENGTH	# OF LEDS PER FOOT	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
FLD	OL	N6 NEMA 6x6	D2 Direct Rotatable - 2' (.6m)	07	E	UL Universal 120-277V	SV Silver	350 350mA	40K 4000K CCT
		SN Sign	D4 Direct Rotatable - 4' (1.2m)	14					
		15 15°	D8 Direct Rotatable - 8' (2.4m)						
		25 25°							
		40 40°				UH Universal 347-480V	BZ Bronze	525 525mA	35K 3500K CCT
		70 70°					BK Black	700 700mA (Standard)	DIM 0-10V Dimming
							WH White		
							PB Platinum Bronze		

* 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
<p>24.75" for 2' 48.25" for 4' 95.25" for 8'</p> <p>6.5"</p>

You May Also Be Interested In:



CREE EDGE™ SERIES FLOOD p.142
Flood Lighting Solutions



304 SERIES™ FLOOD p.140
Low-Profile Flood Lighting Solutions



304 SERIES™ INTERIOR p.64
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

p.148



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

Cree Edge™ Series

p.150



- 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.

Nothing speaks to security like reliability. 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

- Replaces existing wall packs simply and easily
- High-quality, even illumination that is virtually maintenance free
- Up to 65% energy savings
- Standard 10-year limited warranty
- 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

XSP Series Wall Pack

Ordering Information

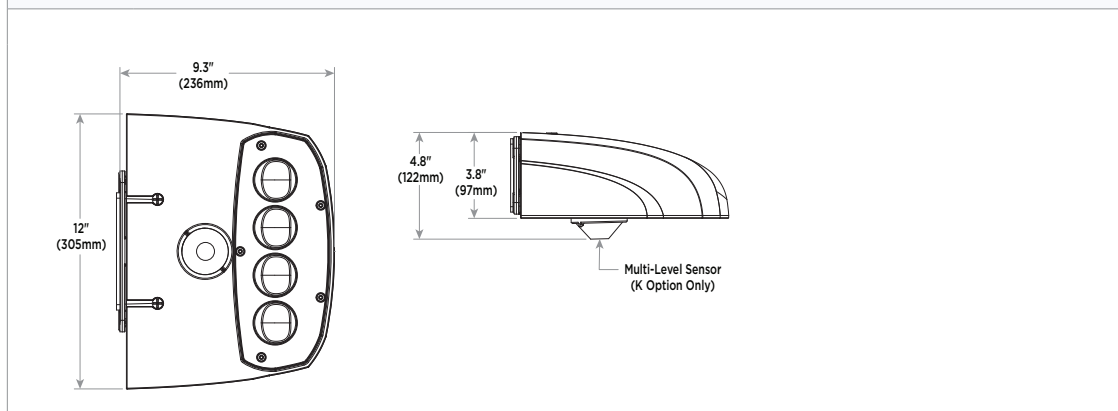
Example: XSPWA03FC-US

PRODUCT	VERSION	MOUNTING	OPTIC	MODULES	INPUT POWER DESIGNATOR	-	VOLTAGE	COLOR OPTIONS	FACTORY INSTALLED OPTIONS
XSPW	A	0 Wall Mount	2 Type II 3 Type III	F Module 4000K M Module 5700K	C 42W G 25W	- US • Canada	U Universal 120- 277V 1 120V 2 208-277V	Z Bronze S Silver T Black B Platinum Bronze 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

XSP™ WALL PACK



You May Also Be Interested In:



TRADITIONAL POST-TOP UPGRADE KIT p.120
Easily Convert Decorative Street Lights to LED



XSP SERIES AREA p.98
Aesthetic Area Lighting 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 Edge™ Series Security

Ordering Information

Example: SEC-EDG-2M-WM-06-E-UL-SV-350-525-DIM

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

* 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

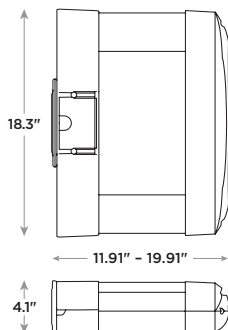


XA-BRDSPK

Dimensions

CREE EDGE™ SECURITY

WM MOUNT



You May Also Be Interested In:



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CREE EDGE™ AREA p.100
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Flood Lighting Solutions



WHY CREE® QUICK SHIP?

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.



QUICKSHIP™

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, visit: www.cree.com/lighting/quickship.



CREE QUICK SHIP PROGRAM

Guidelines and Rules

To participate in the Quick Ship Program, please note the following guidelines and rules.

1. Indicate Quick Ship on your Purchase Orders. When contacting a Cree® Customer Service team member, mention that you want Quick Ship handling of the qualified products in your order.
2. It is most efficient to have all Quick Ship orders on a separate Purchase Order. To help serve you better with order processing, tracking, inventory management and shipping lead times, Cree will separate orders for Quick Ship from orders for standard products, if you desire. Shipping and handling charges will be applied on split orders that do not meet the \$3K freight allowed threshold.
3. Any SKU revisions to Quick Ship items will impact shipping times, possibly delaying the targeted lead time. Additionally, SKUs beyond what is in the published Quick Ship Guide are subject to standard lead times.
4. Large orders may be subject to limitations on the quantities of Quick Ship product shipped. Your Customer Service Representative will be able to address ship dates for large orders.
5. Our target Quick Ship shipping time frame is **within 2 business days** for orders placed before 12:00 PM Central Standard Time. This shipping time frame excludes weekends and holidays.
6. Cree may elect to make partial shipments.
7. The Quick Ship Program or any order through the Quick Ship Program does not alter any of the payable, pricing, returns, freight, warranties or other unstated terms, or any other provisions of a contractual arrangement with Cree, Inc. All current and existing conditions and contractual arrangements with Cree, Inc. take precedence of any implied or otherwise stated, suggested or inferred changes within this Quick Ship Program.

Unless otherwise specified, for orders that include items that are not part of the Quick Ship Program, the overall order will ship according to standard lead times.

For orders that fall below the minimum freight threshold, a shipping and handling fee applies of 9% of the order value, or \$50, whichever is greater.

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Cree IS LED Lighting

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