Advanced
LIGHTING TECHNOLOGIES





2015/2016 LED LIGHTING CATALOG

INTERNATIONAL

CREE
AUTHORISED DISTRIBUTOR

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Luminex v. Signify
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Page 001

CONTENTS

The Cree Advantage

Proven, Revolutionary Technology	2
Cree WaveMax™ Technology	5
Cree SmartCast® Technology	6
Cree TrueWhite® Technology	9
NanoOptic® Technology	10
Colorfast DeltaGuard® Finish	11
A Total Systems Approach	12
Benefits at Every Turn	14
Cree Quick Ship Program	15
Industry-Leading Limited Warranty	15

Indoor LED Products

Indoor Product Overview	16
Indoor Applications	18
LED DOWNLIGHTS	**20**
LR Series	22
CR Series	28
LED TROFFERS	**32**
LR Series	34
CR Series	36
LE Series Light Engine	38
ZR Series	40
LED UPGRADE SOLUTIONS	**42**
UR Series	44
LED SUSPENDED AMBIENT	**46**
LN Series	48
LED SURFACE AMBIENT	**50**
LS Series	52
WS Series	54
LED HIGH-BAY/LOW-BAY	**56**
CXB Series	58
Cree Edge™ Series High Output	60
CS Series	62
304 Series™	64
Cree Edge™ Series	66
LED LAMPS & ACCENTS	**68**
MR16 Series	70
LED CONTROLS	**72**
Cree SmartCast® Technology	74

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 002



The all-new LN Series LED suspended ambient luminaire

Outdoor LED Products

Outdoor Product Overview	76
Outdoor Applications	78
LED AREA	**80**
OSQ Series	82
XSP Series	84
Cree Edge™ Series Pole	86
Cree Edge™ Series High Output	88
Cree Edge™ Series Pathway	90
LED STREET & ROADWAY	**92**
RUL Series	94
XSP Series	96
LEDway® Series	98
LEDway® Series High Output	100
Cree Edge™ Series	102
LED DECORATIVE STREET & ROADWAY	**104**
DPT Series	106
Post-Top LED Upgrade Kit	108
LED CANOPY & SOFFIT	**110**
CPY Series	112
228 Series™	114
304 Series™	116
Cree Edge™ Series	118
LED PARKING STRUCTURE	**120**
IG Series	122
304 Series™	124
VG Series	126
LED FLOOD	**128**
OSQ Series	130
Cree Edge™ Series	132
304 Series™	134
OL Series™	136
LED WALL MOUNT	**138**
XSP Series	140
Cree Edge™ Series	142

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 003

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.

TRUE INNOVATION, SUPERIOR VALUE

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

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

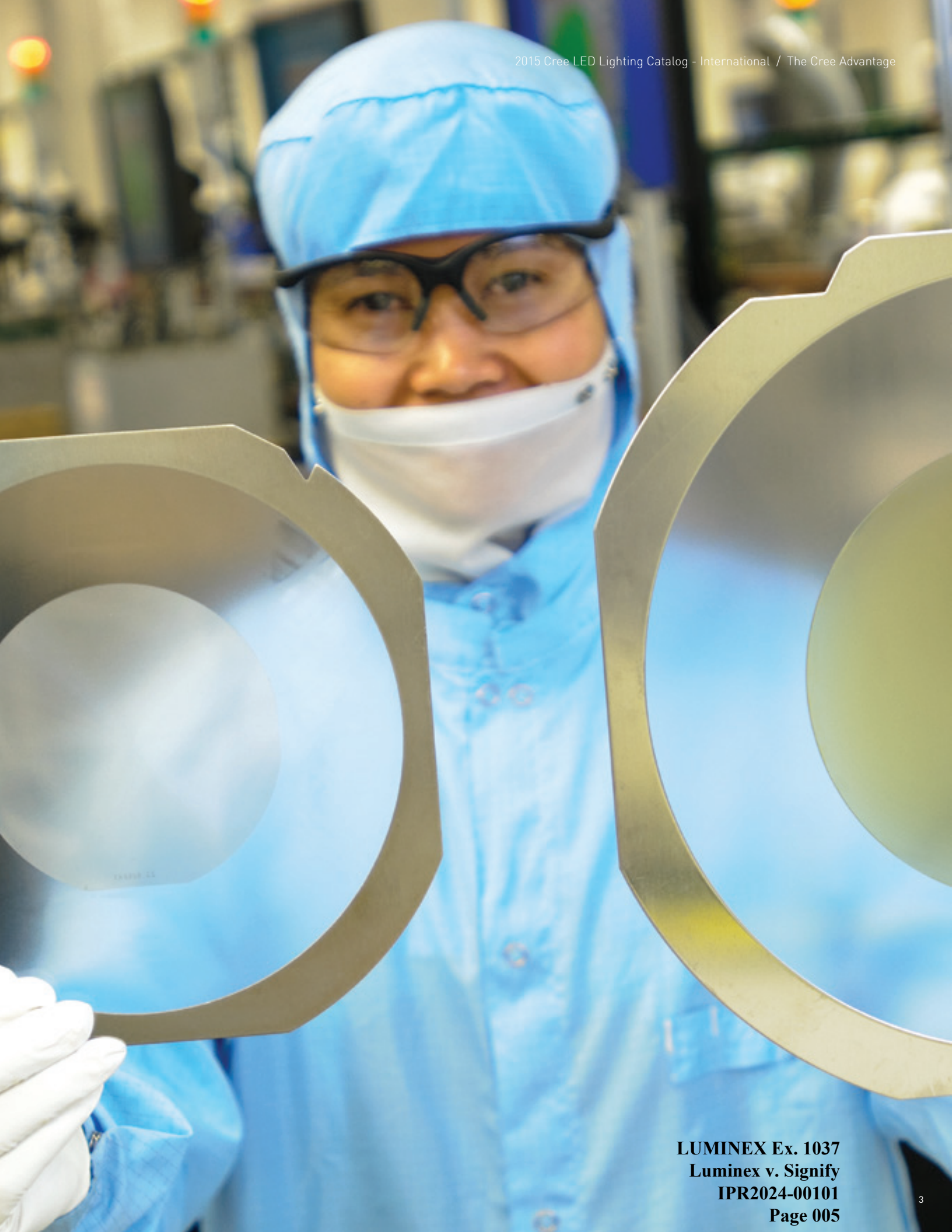
Cree remains at the forefront today, dedicated to developing new LED solutions that improve both our customers' spaces and their bottom lines. As our product lines grow, we not only build on our history of innovation, we also extend our record of delivering superior value with beautiful, energy-efficient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





CREE™

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 004



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 005



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 006

The Cree Advantage

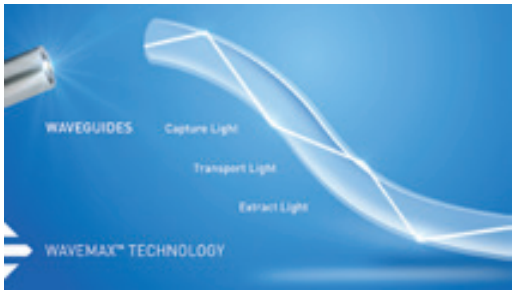
CREE WAVEMAX™ TECHNOLOGY

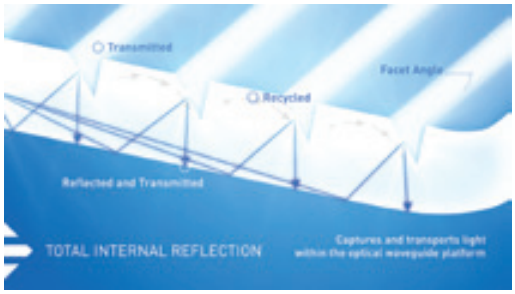
Cree WaveMax™ Technology is a breakthrough in the execution of waveguide technology that challenges industry-standard assumptions of how light is delivered. Featuring up to 90% optical efficiency and precise optical control, Cree WaveMax™ Technology enables customers to obtain unmatched visual comfort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

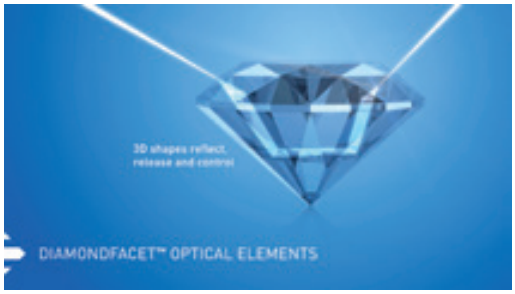
Harnessing the Benefits of Total Internal Reflection

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

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







CREE | WAVEMAX™ TECHNOLOGY

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 007

The Cree Advantage

CREE SMARTCAST® TECHNOLOGY

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

Integrated Sensors

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

OneButton™ Setup



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

Wireless Communication

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





CREE | SMARTCAST® TECHNOLOGY

WATCH THE VIDEO

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 008



Cree LED Luminaires

High-performance LED luminaires enhanced with SmartCast® Technology.

Dimmer

Add controls where needed for building code compliance.

Motion Sensing

Prevent idle spaces from wasting energy.

Daylight Harvesting

Reap the benefits of natural light while reducing energy consumption.

Intelligent Color

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

SEAMLESS INTEGRATION

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 009

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



Before: Fluorescent Lighting

Like Halogen, But Better

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

After: Cree TrueWhite® Technology LED Lighting

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 010

The Cree Advantage

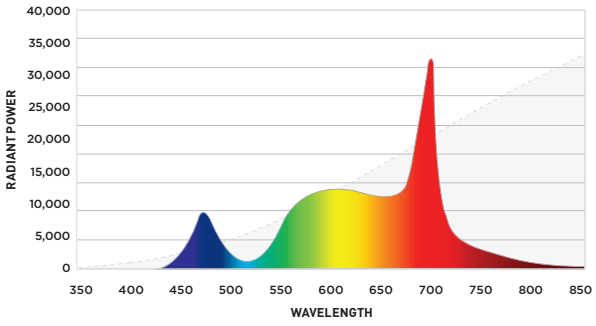
CREE TRUEWHITE® TECHNOLOGY

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

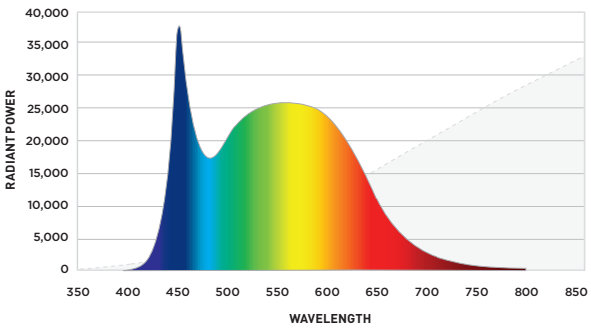
In these ways, the color rendering property of light plays a powerful role in creating spaces that appeal, inspire and inform. Fixtures powered by Cree TrueWhite® Technology use an exclusive combination of 90+ CRI, high R9 values, beautiful light characteristics and lifelong color consistency to render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

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

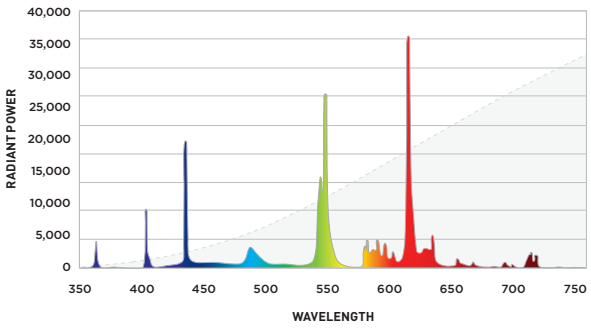
Cree TrueWhite® Technology with Mixing LEDs (BSY+R)



Cree TrueWhite® Technology with Phosphor Conversion



CFLs





CREE TRUE WHITE TECHNOLOGY

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 011

The Cree Advantage

NANOOPTIC® TECHNOLOGY

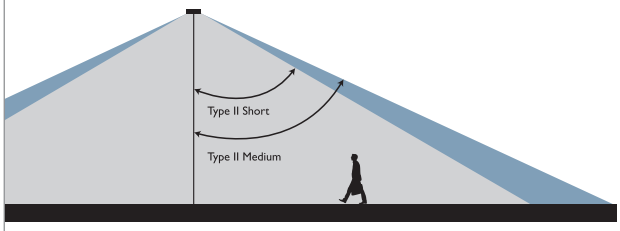
Over 20 Optic Choices for the Flexibility You Need

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

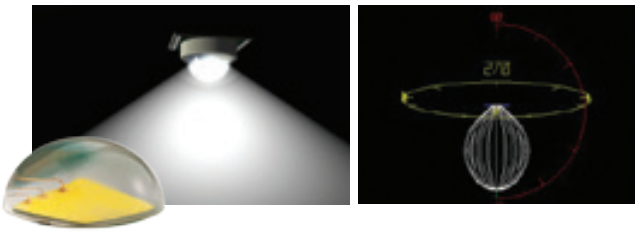
- More lumens delivered in the target area
- Improved uniformity ratios
- Controlled high angle brightness
- Over 20 optical distribution patterns to choose from

NanoOptic® Technology Explained

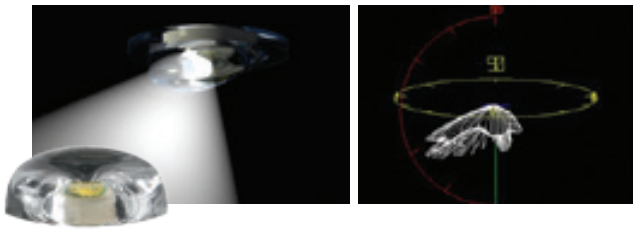
The illustration below represents the LED optical fine-tuning range that Cree outdoor luminaires can provide. The gray area shows Type II short optic coverage. The short optic can be utilized to comply with more stringent light spill and high angle brightness specifications or codes by incorporating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



Bare LED Package

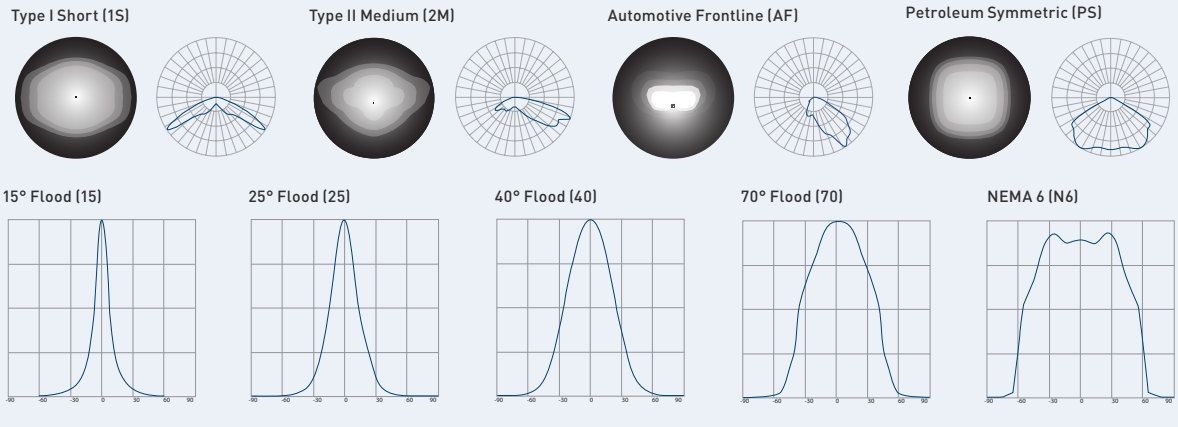


Cree® NanoOptic Refractor Control



NanoOptic Distribution Examples

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



LUMINEX Ex. 1037
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IPR2024-00101
Page 012

The Cree Advantage

COLORFAST DELTAGUARD® FINISH

Premium Protection with Proven Results

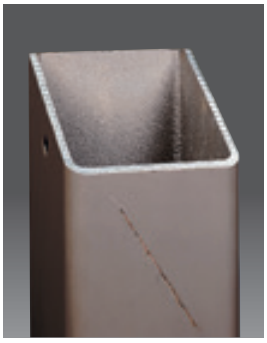
Colorfast DeltaGuard® Finish is the finest industrial-grade finish available, is exclusive to Cree exterior products and poles, and carries an industry-leading 10-year limited warranty. Each product follows an immersion process that includes six cleaning stages, eight pre-treatment stages and an epoxy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

- Ultraviolet light resistance
- Hard surfacing
- Superior adhesion
- Corrosion resistance
- Fade protection
- Multiple finish options
- Endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions (ASTM Standard B117)

Proven Results - Salt Fog Test Results

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

Steel



Cree Colorfast DeltaGuard



Typical 5-Stage

Aluminum



Cree Colorfast DeltaGuard

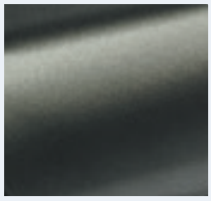


Typical 5-Stage

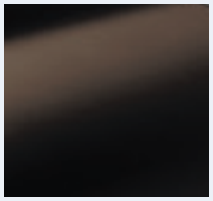
Color Finish Options

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

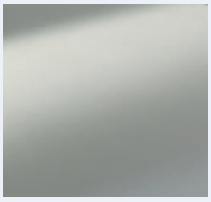
Black



Bronze



Silver



White

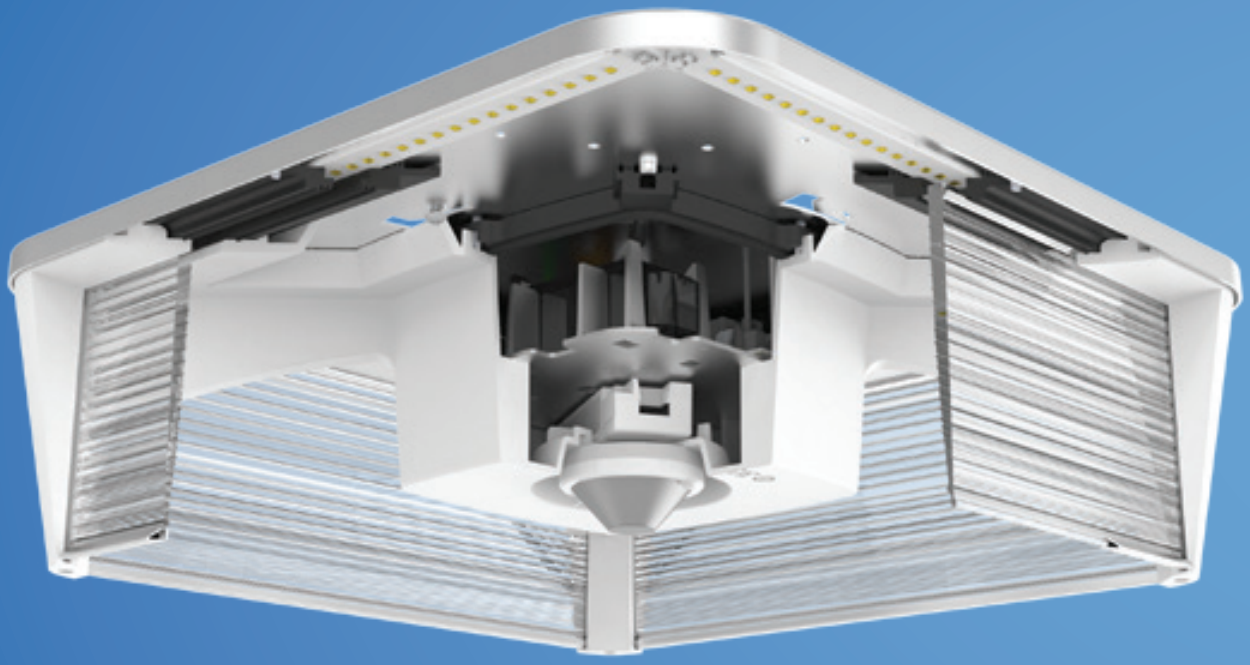


LUMINEX Ex. 1037
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IPR2024-00101
Page 013

The Cree Way

A TOTAL SYSTEMS APPROACH

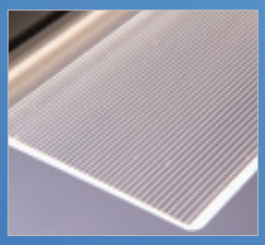
Our total systems approach is a comprehensive engineering philosophy that combines the most advanced LED sources, driver technologies, optics and form into each product. The result is highly-reliable luminaire solutions for both indoor and outdoor that reduce energy consumption, extend lifetimes and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





Advanced LED Technology

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



Specialized Optics

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



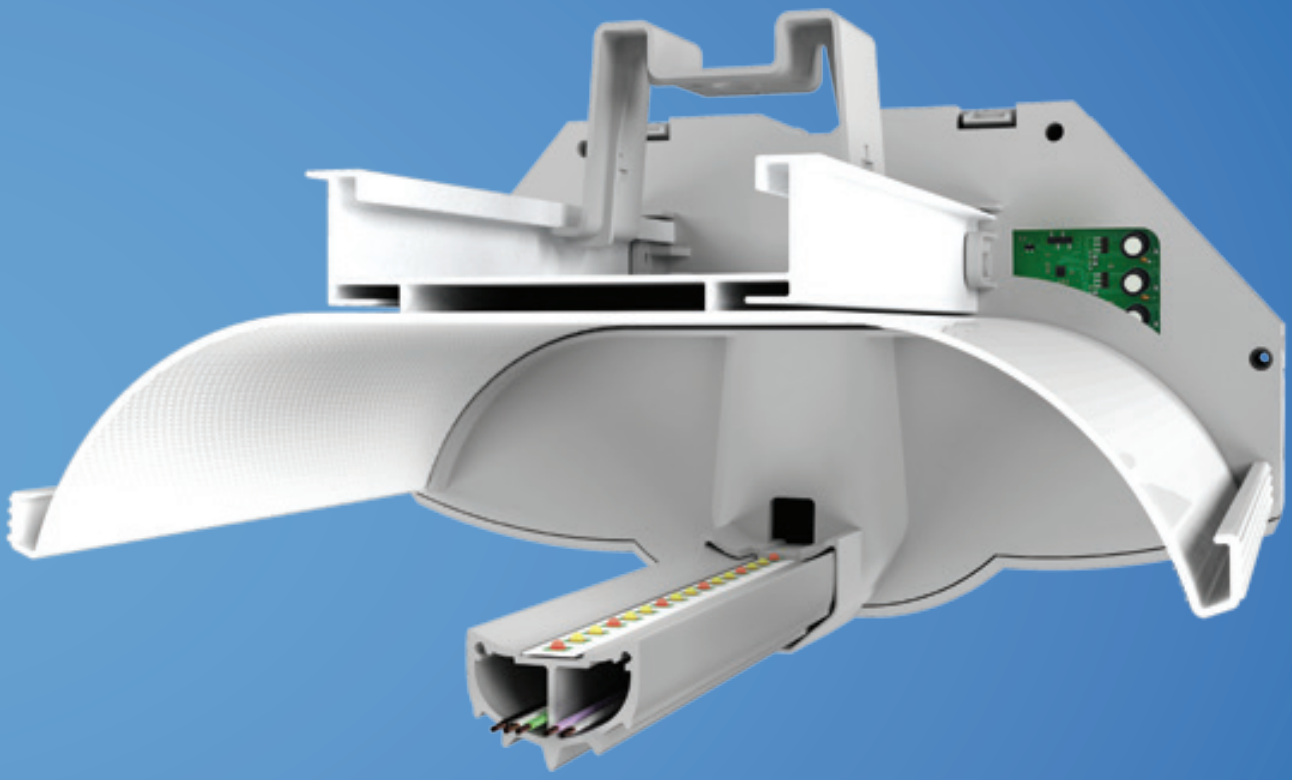
Modular Design

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 014

Progressive Product Development

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





Thermal Management

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



Reliable & Optimized Drivers

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



Style & Performance

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 015

The Cree Advantage

BENEFITS AT EVERY TURN

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



Proven Quality & Performance

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



Ultra-Efficient Lighting

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



Lifetime Energy Savings

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



Reduced Maintenance Costs

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



Easy Installation & Upgrading

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



Long-Term Financial Benefits

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 016

Cree Quick Ship Program

AVAILABLE AND READY TO SHIP

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

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

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



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

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

www.cree.com/lighting/quickship

Industry-Leading Limited Warranty

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

www.cree.com/lighting/products/warranty

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 017

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 DOWNLIGHTS

LR Series
LR150™ / LR200™ p.22



LR6™ Series
LR6-LP1000 p.24



CR Series
CR80™ / CR100™ / CR150™ p.26



LED TROFFERS

LR Series
LR22™ p.34



CR Series Troffers
CR24™ / CR14™ / CR22™ p.36



LE Series Light Engines
LE14™ / LE12™ p.38



ZR Series
ZR24™ / ZR14™ / ZR24™ p.40



LED UPGRADE SOLUTIONS

UR Series Upgrade Kit
UR2-48™ / UR2-24™ p.44



LED SUSPENDED AMBIENT INDIRECT/DIRECT

LN Series Suspended Ambient
LN4™ p.48



LED SURFACE AMBIENT

LS Series
LS4 / LS8 p.52



WS Series
WS4™ p.54



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 018



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

MR16 Series
MR16 p.70



LED CONTROLS

Cree SmartCast® Technology p.74

CREE
SMARTCAST® TECHNOLOGY

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 019

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.



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 020



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.

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 021

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.



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 022



LR Series (LR150™ / LR200™)

p.22

- Utilizes Cree TrueWhite® Technology
- Active Color Management
- Minimum 90 CRI
- CCT: 3000K or 4000K
- 2000 or 3000 lumens
- Dimmable to 5% with DALI and Analog 1-10V dimmers



LR6™ Series (LR6-LP1000)

p.24

- Utilizes Cree TrueWhite® Technology
- Active Color Management
- Minimum 90 CRI
- CCT: 3000K or 4000K
- 1000 lumens
- Dimmable with recommended dimmers



CR Series (CR80™)

p.26

- Utilizes Cree TrueWhite® Technology
- Active Color Management
- Minimum 90 CRI
- CCT: 2850K
- 650 lumens
- Adjustable +/– 15° horizontal axis trim
- Dimmable with recommended dimmers



CR Series (CR100™)

p.28

- Utilizes Cree TrueWhite® Technology
- Active Color Management
- Minimum 90 CRI
- CCT: 3000K or 4000K
- 630 or 680 lumens
- Shallow and deep recess options
- Dimmable with recommended dimmers



CR Series (CR150™)

p.30

- Utilizes Cree TrueWhite® Technology
- Active Color Management
- Minimum 90 CRI
- CCT: 3000K or 4000K
- 650, 1000 or 2000 lumens
- Dimmable with recommended Triac and DALI dimmers

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 023

LR Series Downlights - LR150™ / LR200™







LR150™



LR200™



Generate a true no compromise solution with high-quality white light for new construction or retrofit applications.

The LR Series (LR150™ / LR200™) LED high output downlights deliver exceptional 90+ CRI light while achieving impressive lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology. Available in warm or cool color temperatures and features spec grade aesthetics with a polished lower reflector. They are designed to easily install in the average diameter ceiling openings, making these perfect for use as a CFL and metal halide downlight replacement in commercial new construction or retrofit applications.

BENEFITS

- Reduced maintenance cycles
- High color quality
- Durable engineered polycarbonate housing and support cup protect LEDs and optical lens
- Integral spring clips resist heat while providing retention for flush ceiling fit

FEATURES

- Utilizes Cree TrueWhite® Technology
- Active color management
- Standard 5-year limited warranty
- 50,000-hour rated life
- 5% dimming with recommended dimmers

APPLICATIONS

- Healthcare, municipal, residential, commercial, restaurant & hospitality

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 024

LR Series Downlights - LR150™ / LR200™

Ordering Information

Example: **LR150-2000L-30K-23-ADIM**

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE/BASE	CONTROL	OPTIONS
LR150 150mm	**2000L** 31W, 2000 Lumens	**30K** 3000K **40K** 4000K	**23** 220 - 240 Volt (Standard)	**ADIM** Analog dimming 1-10 volts **DALI** Digital Addressable Lighting Interface system	**Blank** CE/CB certified **CP** CCC certified

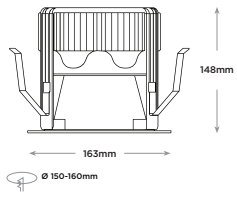
Example: **LR200-3000L-40K-23-DALI-CP**

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE/BASE	CONTROL	OPTIONS
LR200 200mm	**2000L** 27W, 2000 Lumens **3000L** 40W, 3000 Lumens	**30K** 3000K **40K** 4000K	**23** 220 - 240 Volt (Standard)	**ADIM** Analog dimming 1-10 volts **DALI** Digital Addressable Lighting Interface system	**Blank** CE/CB certified **CP** CCC certified

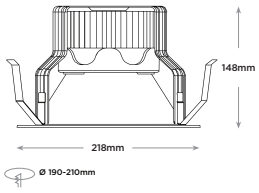
*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

LR150™



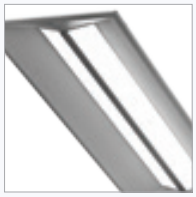
LR200™



You May Also Be Interested In:



CR SERIES DOWNLIGHTS
Commercial-Grade Downlight Upgrade Solutions



CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 025

LR6™ Series Downlights - LR6-LP1000







LR6-LP1000



Upgrade your space with industry-leading efficacy and exceptional light quality, built upon a proven LED lighting platform.

The LR6™ downlight delivers up to 1000 lumens of exceptional 90+ CRI light while achieving efficacy of 80 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology, allowing 90 watts of incandescent light to be replaced using only 12.5 watts. Available in a warm or neutral colour 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 colour quality
- Fits in existing 6″ housings

FEATURES

- Efficacy up to 80 LPW
- Utilizes Cree TrueWhite® Technology
- Active colour management
- Standard 5-year limited warranty
- 50,000-hour rated life
- 20% dimming with recommended dimmers

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00611
Page 026

LR6™ Series Downlights - LR6-LP1000

Ordering Information

Example: **LR6-LP1000-230V**

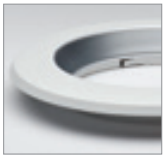
PRODUCT	LUMEN OUTPUT	COLOUR TEMP.	VOLTAGE	CONTROL	OPTIONS
LR6	**LP1000** 12.5W 1000 lumens - 80 LPW	**27K** 2700 Kelvin **40K** 4000 Kelvin	**230V** 220-240 Volt	**Blank** Dimmable to 20%	**Blank** CE / CB Certified **CP** CCC Certication

*Reference CeeLighting.com for recommended dimmers

Accessory Information

SNAP-IN TRIMS

Snap-in Trim Kits are available in three standard colour options.



LT6A
Diffuse Anodized
Finish Trim



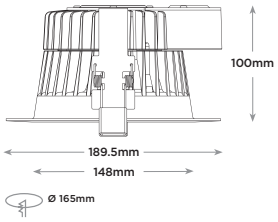
LT6AW
Wheat Diffuse Anodized
Finish Trim



LT6AB
Black Anodized
Finish Trim

Dimensions

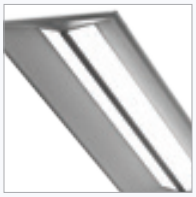
LR6-LP1000



You May Also Be Interested In:



CS SERIES LINEAR
Commercial Linear Solutions



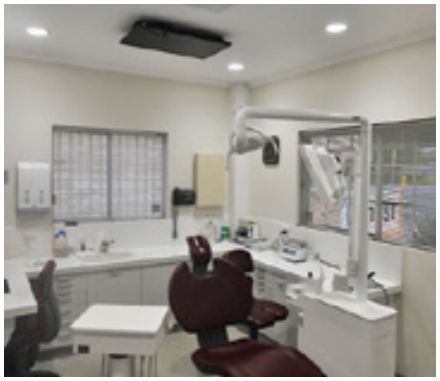
CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 027

CR Series Downlights - CR80™







CR80™



Perfect for use in commercial and residential new construction and upgrade applications.

The CR80™ LED downlights deliver exceptional 90+ CRI light while achieving impressive lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology. Available in warm or cool color temperatures and features spec grade aesthetics with a polished lower reflector. They are designed to easily install in the average diameter ceiling openings, making these perfect for use as an MR16 replacement in both residential and commercial applications.

BENEFITS

- Reduced maintenance cycles
- High color quality
- Durable die-cast aluminum housing protects LEDs, driver and power supply.
- Spring clips resist heat while providing retention for flush ceiling fit

FEATURES

- Utilizes Cree TrueWhite® Technology
- Active color management
- Standard 5-year limited warranty
- 50,000-hour rated life
- 5% dimming with recommended dimmers

APPLICATIONS

- Healthcare, municipal, residential, restaurant & hospitality

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 028

CR Series Downlights – CR80™

Ordering Information*

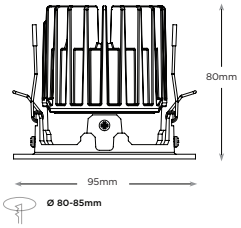
Example: **CR80-650-28K-24D-23-AAA-CP**

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	BEAM ANGLE	VOLTAGE	CONTROL	CERTIFICATION	COMPLIANCE
CR80 80mm	**650L** 13W, 650 Lumens	**28K** 2850K	**24D** 24° Beam Angle	**23** 220 - 240 Volt (Standard)	**Blank** Triac dimming to 5%	**AAA** IP20 Adjustable 15° Trim Ring No Metal Case/Conduit **ABA** IP20 Pin Hole Trim Ring No Metal Case/Conduit	**Blank** CE/CB certified **CP** CCC certified

*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

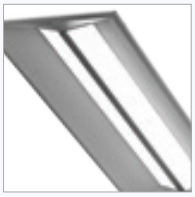
CR80™



You May Also Be Interested In:



LR SERIES DOWNLIGHTS
Commercial-Grade Downlight Upgrade Solutions



CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 029

CR Series Downlights - CR100™







Higher efficacy and longer life than compact fluorescent lamps, with the beautiful light quality that you would expect from an incandescent.

The CR100™ LED downlight delivers up to 680 lumens of exceptional 90+ CRI light while achieving up to 62 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology. The CR100™ downlights are available in a variety of colour temperatures and have deep/shallow recess options, making the CR100™ perfect for use in residential and commercial applications.

BENEFITS

- Up to 85 percent more efficient than incandescent
- Reduced maintenance cycles
- High colour quality

FEATURES

- Utilizes Cree TrueWhite® Technology
- Active colour management
- Standard 5-year limited warranty
- 50,000-hour rated life
- Dimmable with recommended Triac dimmers
- 5% Shield Angle (680L) and 20° Shield Angle (DR630L)

CR100™



CR100™ Deep Recess



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 030

CR Series Downlights - CR100™

Ordering Information

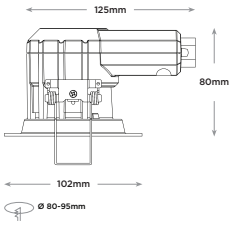
Example: **CR100-680L-30K-23**

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	CONTROL	VOLTAGE	OPTIONS
CR100 100mm	**680L** 11W, 680 Lumens **DR630L** Deep Recessed 11W, 630 Lumens	**30K** 3000K **40K** 4000K	**Blank** Triac Dimming	**23** 220 - 240 Volt (Standard)	**Blank** CE/CB certified **CP** CCC certified

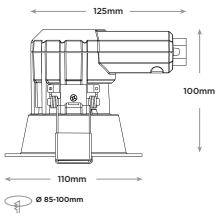
*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

CR100-680L



CR100-DR630L



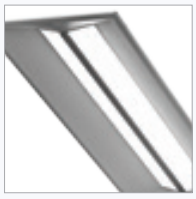
You May Also Be Interested In:



CR SERIES - CR150™
Commercial-Grade Downlight Upgrade Solutions



LR SERIES DOWNLIGHTS
Commercial-Grade Downlight Upgrade Solutions



CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 031

CR Series Downlights - CR150™







CR 150™ downlight outperforms traditional fluorescent lighting with rapid payback, longer life and improved colour quality.

The CR150™ LED downlights family delivers up to 2000 lumens with exceptional 90+ CRI at up to 74 lumens per watt. Using almost just one-fourth of the energy used by comparable incandescent lamps, the CR150™ family is a direct replacement for most six-inch recessed downlights. This product is ideal for use in many residential and commercial applications.

BENEFITS

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

FEATURES

- Efficacy up to 74 LPW
- Utilizes Cree TrueWhite® Technology
- Active Color Management
- Standard 5-year limited warranty
- 50,000-hour rated life
- 5% dimming by recommended dimmers

APPLICATIONS

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

CR150™



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 032

CR Series Downlights - CR150™

Ordering Information

Example: **CR150-1000L-30K-23-CP**

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	CONTROL	VOLTAGE	OPTIONS
CR150 150mm	**650L** 9.5W, 650 Lumens **1000L** 14W, 1000 Lumens **2000L** 27W, 2000 Lumens	**30K** 3000K **40K** 4000K	**Blank** Triac dimming to 5% **DALI** Digital Addressable Interface Lighting system	**23** 220 - 240 Volt (Standard)	**Blank** CE/CB certified **CP** CCC certified

*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. *(for use with CR150 only)*



CT6A
Diffuse Finish
Reflector



CT6AW
Wheat Diffuse Finish
Reflector



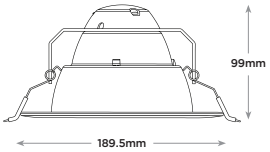
CT6AB
Black Diffuse Finish
Reflector

Square Trim Adaptor

8" Trim Adaptor

Dimensions

CR150



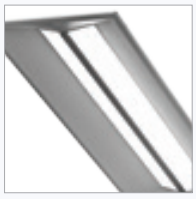
You May Also Be Interested In:



CR SERIES DOWNLIGHTS
Commercial-Grade Downlight Upgrade Solutions



LR SERIES DOWNLIGHTS
Commercial-Grade Downlight Upgrade Solutions



CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 033

LED TROFFERS

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



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 034



LR Series Troffers

p.34

- Unitizes Cree TrueWhite® Technology
- Minimum 90 CRI
- CCT: 3000K or 4000K
- 3400 lumens
- 0-10V dimming to 5%



CR Series Troffers - CR14™ / CR22™ / CR24™

p.36

- Utilizes Cree TrueWhite® Technology
- Active Color Management
- Room-Side Heat Sink
- Minimum 90 CRI
- CCT: 3000K or 4000K
- 2000 to 5000 lumens options
- 1-10V or DALI dimming to 5%



LE Series Light Engine - LE12 / LE14

p.38

- Utilizes Cree TrueWhite® Technology
- Active Color Management
- Room-Side Heat Sink
- Minimum 90 CRI
- CCT: 3000K or 4000K
- 2000 to 5000 lumens options
- 1-10V or DALI dimming to 5%



ZR Series Troffers

p.40

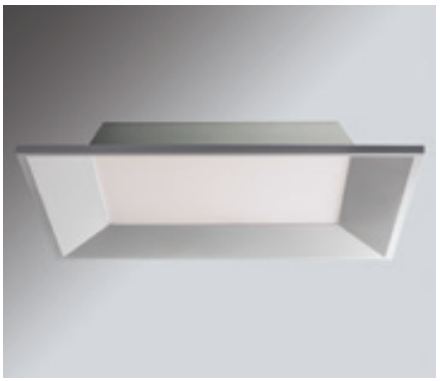
- Utilizes Cree TrueWhite® Technology
- Minimum 90 CRI
- CCT: 3500K or 4000K
- 3200 or 4000 lumen options
- 0-10V dimming to 5%

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 035

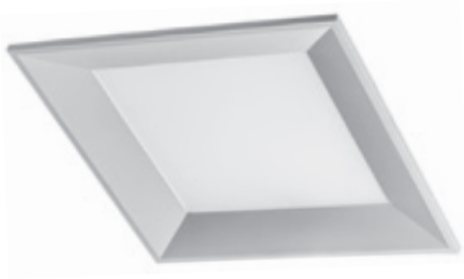
LR Series Troffers







LR22™



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

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 036

LR Series Troffers

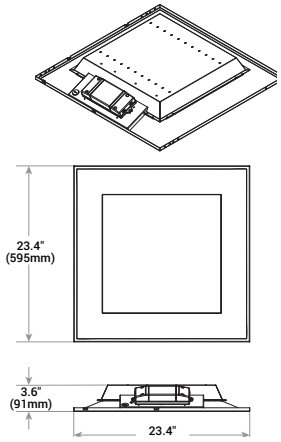
Ordering Information

Example: LR22-34L-40K-23-ADIM

PRODUCT	LUMEN OUTPUT	COLOUR TEMP.	VOLTAGE	CONTROL
LR22	**32L** 34W 3300 lumens – 97 LPW	**30K** 3000 Kelvin	**23** 220-240V(Standard)	**ADIM** 1-10V Dimming to 5% **DALI** DALI Dimming to 5%
	34L 34W 3400 lumens – 100 LPW	**40K** 4000 Kelvin		

Dimensions

LR22™ TROFFER



You May Also Be Interested In:



CR SERIES TROFFERS
High-Efficiency, Affordable Troffers



CS SERIES LINEAR
Commercial Linear Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 037

CR Series Troffers







CR24™



CR14™



CR22™



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+ CRO light while achieving up to 110 lumens per watt. This breakthrough performance is achieved by combining high efficacy and high-quality of Cree TrueWhite® Technology with a unique thermal management approach. The CR Series troffers are available in a variety of colour temperatures and have 1-10V or DALI 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 colour accuracy and consistency
- Easily designed into any space; a variety of lumens, colour temperatures and control options

FEATURES

- Efficacy up to 110 LPW
- Utilizes Cree TrueWhite® Technology
- Active colour management
- Standard 5-year limited warranty
- 50,000-hour rated with standard or 75,000 –hour rated with HE option
- Excellent Thermal Management by Room-Side Heat Sink Design

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 038

CR Series Troffers

Ordering Information

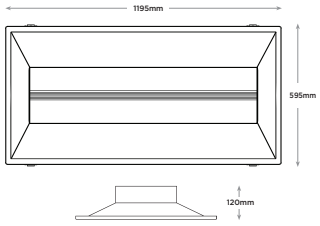
Example: **CR24-40L-40K-23**

PRODUCT	LUMEN OUTPUT	COLOUR TEMP.	CONTROL	VOLTAGE	OPTIONS
CR14	**22L** 22W 2200 Lumens - 100 LPW **40L** 44W 4000 Lumens - 90 LPW	**30K** 3000 Kelvin **40K** 4000 Kelvin	**Blank** Non-dimming **ADIM** 1-10V Dimming to 5% **DALI** DALI Dimming to 5%	**23** 220-240 Volt (Standard)	**Blank** CE/CB Certified **CP** CCC Certified
CR22	**20L** 22W 2000 Lumens - 90 LPW **32L** 35W 3200 Lumens - 90 LPW	**30K** 3000 Kelvin **40K** 4000 Kelvin	**Blank** Non-dimming **ADIM** 1-10V Dimming to 5% **DALI**** DALI Dimming to 5%	**23** 220-240 Volt (Standard)	**Blank** CE/CB Certified **CP** CCC Certified
CR24	**22L** 22W 2200 Lumens - 100 LPW **40L** 44W 4000 Lumens - 90 LPW	**30K** 3000 Kelvin **40K** 4000 Kelvin	**Blank** Non-dimming **ADIM** 1-10V Dimming to 5% **DALI** DALI Dimming to 5%	**23** 220-240 Volt (Standard)	**Blank** CE/CB Certified **CP** CCC Certified

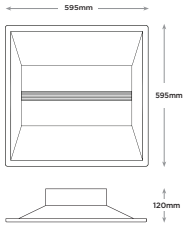
Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Dimensions

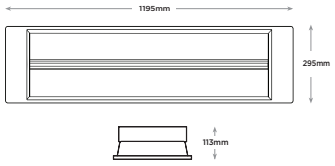
CR24™



CR22™



CR14™



You May Also Be Interested In:



LE SERIES
Light Engine Kits to Match the CR Series Troffer



CS SERIES LINEAR
Commercial Linear Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 039

LE Series Light Engines





Convert existing fluorescent troffers to efficient LED technology while delivering the same high-quality light and energy savings as the CR Series troffers.

The LE Series Light Engine deliver up to 5000 lumens of exceptional 90+ CRO light while achieving up to 110 lumens per watt. This breakthrough performance is achieved by combining high efficacy and high-quality of Cree TrueWhite® Technology with a unique thermal management approach. The LE Series is available in a variety of colour temperatures and has 1-10V or DALI dimming options. Its compact, lightweight design easily accommodates recessed, surface mount or suspended installations, making the LE Series Light Engine perfect for use in commercial new construction or retrofit applications.

LE14



LE12



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

BENEFITS

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

FEATURES

- Efficacy up to 110 LPW
- Utilizes Cree TrueWhite® Technology
- Active colour management
- Excellent Thermal Management by Room-Side Heat Sink Design
- 50,000-hour rated

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 040

LE Series Light Engines

Ordering Information

Example: **LE12-32L-40K-23**

PRODUCT	LUMEN OUTPUT	COLOUR TEMP.	CONTROL	VOLTAGE
LE12 543mm x 270mm	**20L** 22W 2000 Lumens - 100 LPW **32L** 35W 3200 Lumens - 90 LPW	**30K** 3000 Kelvin **40K** 4000 Kelvin	**Blank** Non-dimming **ADIM** 1-10V Dimming to 5% **DALI*** DALI Dimming to 5%	**23** 220-240 Volt (Standard)
LE14 1083mm x 270mm	**22L** 22W 2200 Lumens - 100 LPW **40L** 44W 4000 Lumens - 90 LPW	**30K** 3000 Kelvin **40K** 4000 Kelvin	**Blank** Non-dimming **ADIM** 1-10V Dimming to 5% **DALI** DALI Dimming to 5%	**23** 220-240 Volt (Standard)

See www.cee.com/lighting/products/warranty terms.
Reference www.cree.com/lighting for recommended dimming control options.
3000K HE model is 36W (110 LPW), 4000K HE model is 38W (105 LPW)

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 colour.

SMK-LE-L[1]
Surface Mount Kit for CR Series 1'x4' Light Engines 2200, 4000 and 5000 Lumens

SMK-LE-S[1]
Surface Mount Kit for CR Series 1'x2' Light Engines 2000 and 3200 Lumens

SMK-LE-EC
End Caps (2 pack, **required for all SMK installations**, must be ordered separately)

SMK-LE-JP
Joiner Plate (optional for continuous row installation)

1. Included in EB14SMK option.

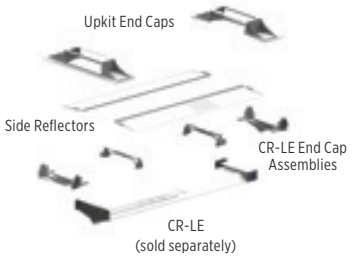
TROFFER UPGRADE KIT

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

CR24-UPKIT-1PK - 1 Pack

CR24-UPKIT-4PK - 4 Pack





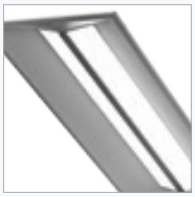
OTHER ACCESSORIES

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

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

AC5-72-PD8-JB
(Adjustable Cable)

You May Also Be Interested In:



CR SERIES TROFFERS
High-Efficiency, Affordable Troffers



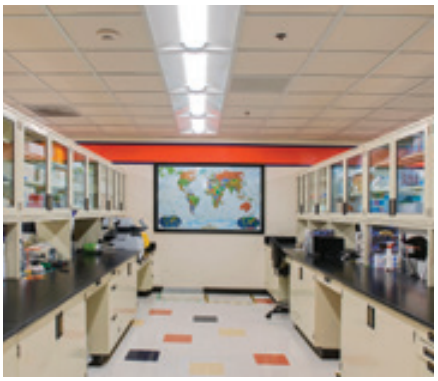
CS SERIES LINEAR
Commercial Linear Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 041

ZR Series Troffers







EXCEPTIONAL PERFORMANCE AT AN UNEXPECTED PRICE.

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

BENEFITS

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

FEATURES

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

*50L in 80 CRI only

APPLICATIONS

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

ZR24™



ZR14™

ZR22™

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 042

ZR Series Troffers

Ordering Information

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

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

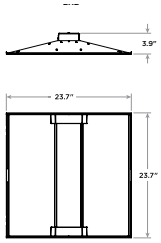
*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
**SmartCast not available in 50L or HE types
***Only in 50L Types

Dimensions

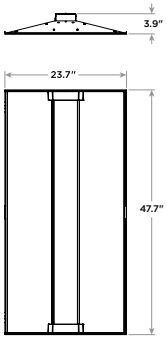
ZR14™



ZR22™



ZR24™



Accessory Information

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

Ordering Information

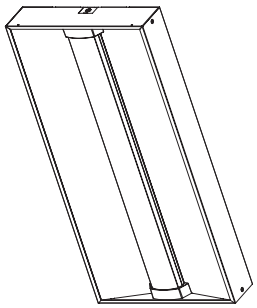
Example: SMK-ZR24

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

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

Dimensions

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



Weight: Max. 15 lbs. (6.8kg)

You May Also Be Interested In:



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



LS SERIES
Commercial-Grade Linear Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 043

LED UPGRADE SOLUTIONS

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



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 044



UR Series 4' LED Upgrade Kit

p.44

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



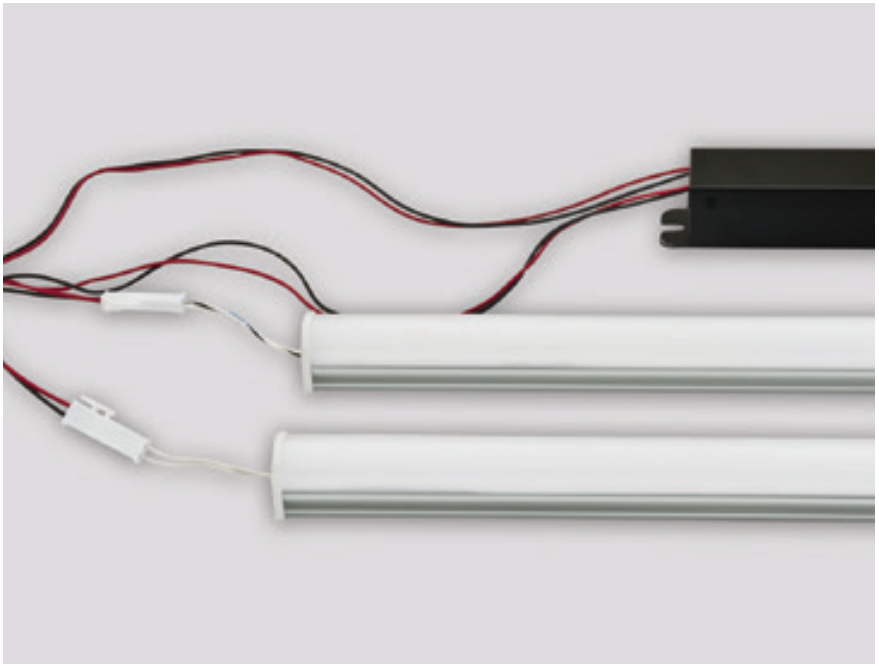
UR Series 2' LED Upgrade Kit

p.44

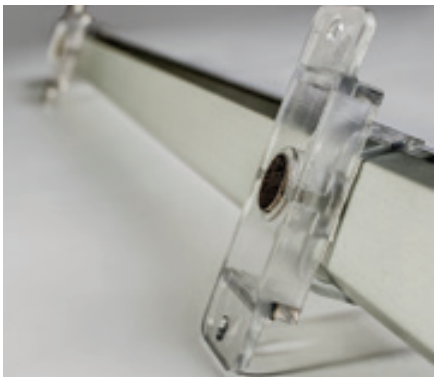
- Minimum 80 CRI
- 2- or 3-lamp configurations
- CCT: 3500K or 4000K
- 3600 lumens
- Step Level to 50% or 0-10V dimming to 5%

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 045

UR Series LED Retrofit Kit







UR2-48™



UR2-24™



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

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 046

UR Series LED Retrofit Kit

Ordering Information - Lightbar (Driver must be ordered separately)

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

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

Ordering Information - Driver (Lightbar must be ordered separately)

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

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

Fully assembled kit is composed of two components that must be ordered separately. Example: Lightbar: UR 24 35K FD LB 2 + Driver: UR2 24 36L 10V FD DR
Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Included in Kit

UR2-24™ / UR3-24™

- 2' Lightbars
- Mounting Clips
- Self-Tapping Screws
- LED Driver
- Installation Instructions
- UL1598C Certification Label

UR2-48™ / UR3-48™

- 4' Lightbars
- Mounting Clips
- Self-Tapping Screws
- LED Driver
- Installation Instructions
- UL1598C Certification Label

You May Also Be Interested In:



LE SERIES
Light Engine Kits to Match the CR Series Troffer



CS SERIES LINEAR
Commercial Linear Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 047

LED SUSPENDED AMBIENT INDIRECT/DIRECT

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



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 048



LN Series

p.48

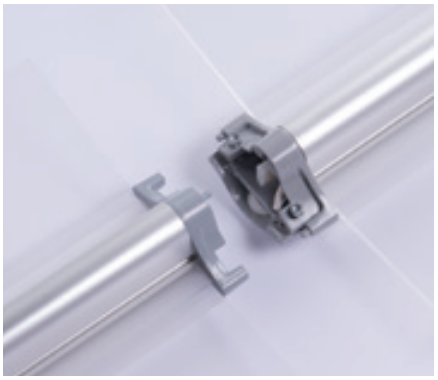
- Utilizes Cree WaveMax™ Technology
- Utilizes Cree TrueWhite® Technology
- 90+ CRI
- 110 LPW
- CCT: 3500K or 4000K
- 3400 lumens (60% uplight, 40% downlight)
- Cree SmartCast® Technology enabled or 0-10V continuous dimming to 5% (standard)

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 049

LN Series Suspended Ambient Indirect/Direct









LN4™

A SUSPENDED LUMINAIRE FOR THE MASSES

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

BENEFITS

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

FEATURES

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

APPLICATIONS

- Grocery, industrial, education, office, retail

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 050

LN Series Suspended Ambient Indirect/Direct

Ordering Information

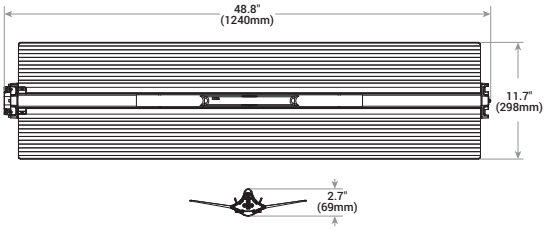
Example: LN4-34L-35K-10V

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

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

Dimensions

LN4™



Accessory Information

FIELD-INSTALLED

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

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

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

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

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

Cree SmartCast® Technology Wireless Dimmer
CWD-CWC-WH

Cree SmartCast® Technology Wireless Switch
CWS-CWC-WH

You May Also Be Interested In:



CR SERIES TROFFERS
High-Efficiency, Affordable Troffers



IG SERIES
LED Parking Garage Luminaire

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 051

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.



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 052

LS Series

p.52

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



WS Series

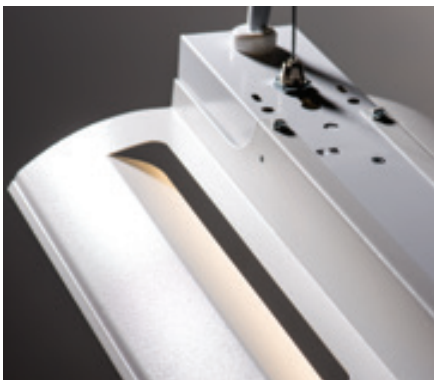
p.54

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 053

LS Series Surface Ambient







GRACEFUL DESIGN. STRIKING VERSATILITY.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

- Grocery, industrial, education, office, retail

LS4



LS4
Solid Reflector



LS4
Reflector with Apertures



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 054

LS Series Surface Ambient

Ordering Information

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

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

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

Accessory Information

FIELD-INSTALLED

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

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

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

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

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

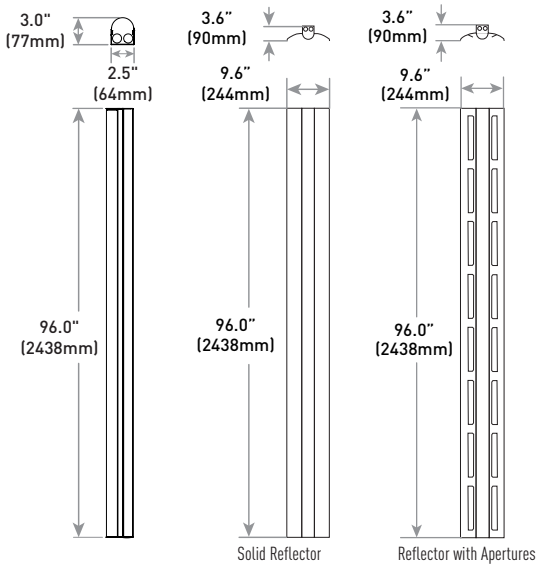
AC5-18/2-48-Q14B-JB
- For use with AC5-12/3-48-Q14B-JB for selective luminaire dimming control in row mounted luminaires
- Includes 5.0" (127mm) Cable Canopy, 48.0" (1219mm) #18/2 SVT Cord, Q14B Gripper and J-Box Strap

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

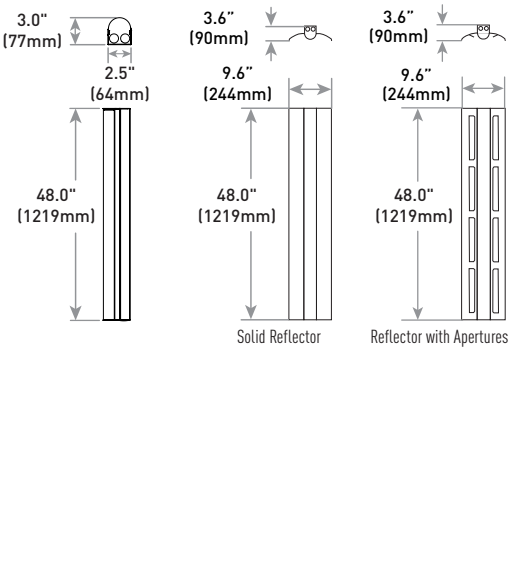
LS8TWK
- Includes (3) #12AWG 102.0" (2591mm) Wires for Line (black), Neutral (white), Ground (green), (2) #18AWG 102.0" (2591mm) Wires for 0–10V dimming (purple, gray) and (10) Wire Nuts

Dimensions

LS8



LS4



You May Also Be Interested In:



ZR SERIES TROFFERS
High-Efficiency, Affordable Troffers



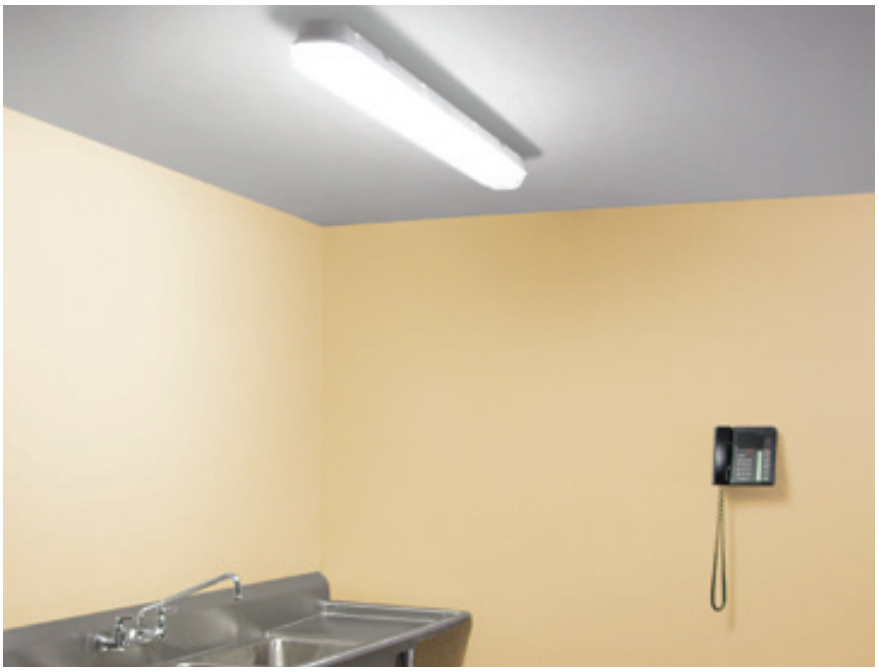
LR SERIES TROFFERS
LED Architectural Troffers



CXB SERIES
LED High-Bay Luminaire

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 055

WS Series







DURABLE AND ROBUST – IDEAL FOR ENVIRONMENTALLY-DEMANDING LOCATIONS.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

WS4™



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 056

WS Series

Ordering Information

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

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	DIMMING	COLOR/CRI
WS4	**47L** 49.4W 4600 lumens - 93.1 LPW (35K) 49.4W 4700 lumens - 95.1 LPW (40K) **50L** 50W 5000 lumens - 100 LPW (50K) 50.4W 4900 lumens - 97.2 LPW (57K) **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)	**35K** 3500K **40K** 4000K **50K** 5000K **57K** 5700K	**Blank** 120/277 VAC	**10V** 0-10V dimming to 5% (standard)	**FD** CRI 80 (standard)

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

Accessory Information

FIELD-INSTALLED

Tamper Proof Kit
WS4TPK
Includes 4 tamper proof screws and bit

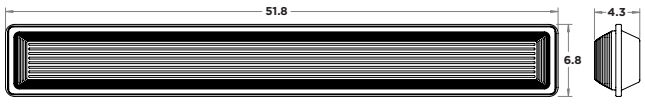
Tamper Proof Kit for Stainless Steel Latches
WSSSL4TPK
Includes 4 tamper proof screws and bit

Mounting Bracket Kit
WS4MBK
Includes 2 stainless steel surface mount brackets

Cable Suspension Kit
WS4CSK
Includes 2 stainless steel brackets and 2-5' (1.5m) aircraft cables

Dimensions

WS4™



You May Also Be Interested In:



IG SERIES
LED Parking Garage Luminaire



CXB SERIES
LED High-Bay Luminaire



LS SERIES
LED Suspended Ambient Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 057

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.



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 058



CXB Series

p.58

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 059

Cree CXB Series High-Bay







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

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

CXB Series Hi-Bay with Prismatic Diffuser Conical Bottom Lens



CXB Series Hi-Bay with Aluminum reflector



CXB Series Hi-Bay with White Diffuser



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00611
Page 060

Cree CXB Series High-Bay

Ordering Information

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

REFLECTOR

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

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

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

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

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

Accessory Information

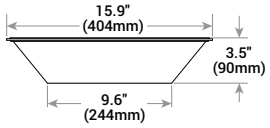
LIGHT ENGINE

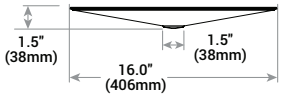
Galvanized Safety Cables
SC-5 - 5.0' (1.5m) Cable
SC-10- 10.0' (3.0m) Cable

REFLECTOR

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

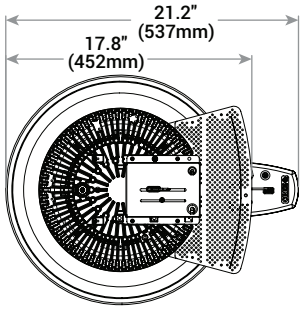
Lenses
DL16 - 16" (406mm) Acrylic Clear Prismatic Drop Lens for Acrylic Reflector
CL16 - 16" (406mm) Acrylic Clear Conical Bottom Lens for Acrylic Reflector

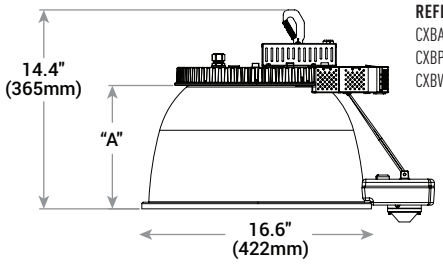




Dimensions

CXB SERIES HIGH-BAY





REFLECTOR	"A" HEIGHT
CXBA16N (Aluminum)	9.0" (229mm)
CXBP16 (Clear Prismatic)	8.5" (216mm)
CXBW16 (White Acrylic)	8.5" (216mm)

You May Also Be Interested In:



LS SERIES
Commercial-Grade Linear Solutions



WS SERIES LINEAR
LED Surface Ambient Solutions



304 SERIES™ PARKING STRUCTURE
Parking Structure Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 061

Cree Edge™ Series High Output





LOW COST, HIGH OUTPUT ILLUMINATION.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

- Industrial & warehouse

Cree Edge™ High Output



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00611
Page 062

Cree Edge™ Series High Output

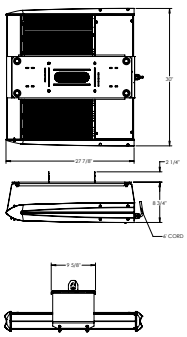
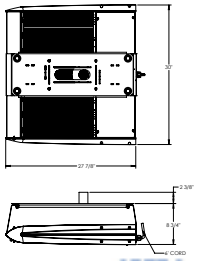
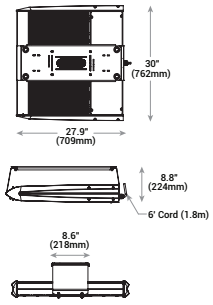
Ordering Information

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

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

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

Mounting Options

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

Accessory Information

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

You May Also Be Interested In:



LS SERIES
Commercial-Grade Linear Solutions



CS SERIES LINEAR
Commercial-Grade Linear Solutions



304 SERIES™ PARKING STRUCTURE
Parking Structure Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 063

CS Series Linear







CS18™

CS14™



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

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 064

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

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

Accessory Information

FIELD-INSTALLED

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

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

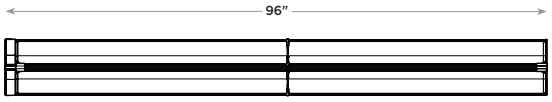
Adjustable Power Feed Canopy Cable Kits
PC5-12/3-24-JB
24" Power Feed, #12/3 SJT Cord, J-Box Mount
PC5-18/5-24-JB
24" Power Feed, #18/5 SJT Cord, J-Box Mount
PC5-18/2-24-JB
24" Power Feed, #18/2 SJT Cord, J-Box Mount

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

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

Dimensions

CS18™ LINEAR LUMINAIRE



CS14™ LINEAR LUMINAIRE



You May Also Be Interested In:



ZR SERIES TROFFERS
High-Efficiency, Affordable Troffers



LS SERIES
Commercial-Grade Linear Solutions



CXB SERIES
LED High-Bay Luminaire

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 065

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



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00611
Page 066

304 Series™ Interior

Ordering Information

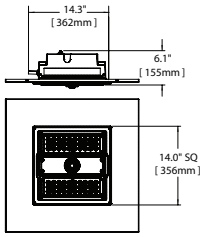
Example: INT-304-PS-RM-04-D-UL-SV-700-40K

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

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

Dimensions

304 SERIES™ INTERIOR



You May Also Be Interested In:



LS SERIES
Commercial-Grade Linear Solutions



CS SERIES LINEAR
Commercial-Grade Linear Solutions



304 SERIES™ PARKING STRUCTURE
Parking Structure Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 067

Cree Edge™ Series Interior Round







BRING ENERGY AND MAINTENANCE SAVINGS TO YOUR INTERIOR SPACE.

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

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

Cree Edge™ Interior Round



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 068

Cree Edge™ Series Interior Round

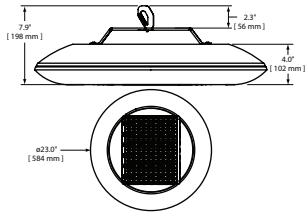
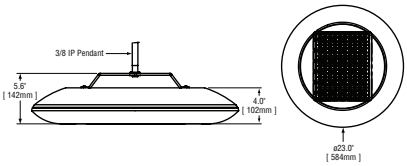
Ordering Information

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

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

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

Mounting Options

HOOK AND CORD (HC)	PENDANT (PD)
	

You May Also Be Interested In:



CREE EDGE™ AREA ROUND
Outdoor Architectural-Grade Area Lighting



CS SERIES LINEAR
Commercial-Grade Linear Solutions



CREE EDGE™ CANOPY
Outdoor Canopy and Soffit Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 069

LED LAMPS

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



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 070



MR16 Series

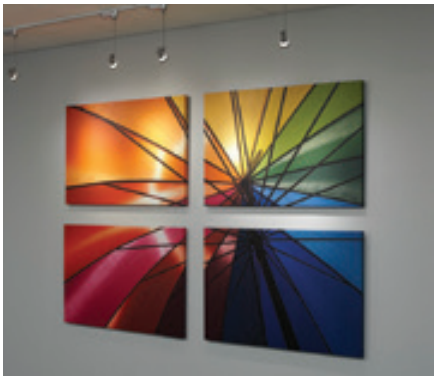
p.70

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 071

MR16 Series Lamps







FINALLY, A TRUE LED 50W MR16 REPLACEMENT LAMP.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

MR16



15° Spot

40° Wide Flood

25° Flood

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 072

MR16 Series Lamps

Ordering Information

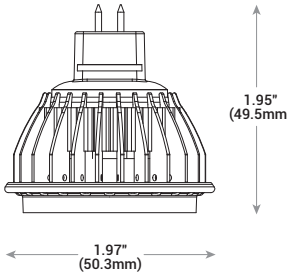
Example: MR16-50W-30K-25D

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

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

Dimensions

MR16



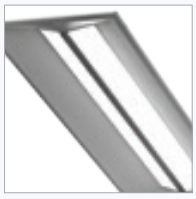
You May Also Be Interested In:



CR SERIES - CR150™
Commercial-Grade Downlight Upgrade Solutions



LR SERIES DOWNLIGHTS
Commercial-Grade Downlight Upgrade Solutions



CR SERIES TROFFERS
High-Efficiency, Affordable Troffers

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 073

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.



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 074

CREE
SMARTCAST® TECHNOLOGY

Cree SmartCast® Technology

p.74

- Fully-integrated solution
- Compatible with CR Series troffers, ZR Series troffers, CS Series linear luminaires, KR Series downlights and LN Series suspended ambient
- Enables continuous dimming
- Robust set of control capabilities
- Field-adjustable color temperatures with CR Series troffers

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 075

Cree SmartCast® Technology









SIMPLY ALL YOU NEED FOR OPTIMUM LIGHTING PERFORMANCE.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

*Compared to traditional fluorescent luminaires without SmartCast® Technology.

CREE
SMARTCAST® TECHNOLOGY

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 076

SmartCast™ Technology Field Installed Accessories



Configuration Tool



Wireless Dimmer and Switch

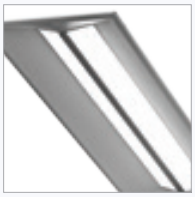


0-10V Interface w/
Intergrated Ambient Light &
Motion Sensor

PRODUCT NUMBER	PRODUCT DESCRIPTION
	Field Installed Accessories*
CWD-CWC-WH	**Wireless Dimmer**
CWS-CWC-WH	**Wireless Switch**
CFP-1-WH	**Face Plate 1 Gang**
CFP-2-WH	**Face Plate 2 Gang**
CFP-3-WH	**Face Plate 3 Gang**
CCT-CWC-1	**Configuration Tool**
CIF-10V-CWC-SNSR	**0-10V Interface w/ Intergrated Ambient Light & Motion Sensor**

*See specification sheets for specific product details and illustrations.

You May Also Be Interested In:



CR SERIES TROFFERS p.30
High-Efficiency, Affordable Troffers



CS SERIES LINEAR p.50
Commercial Linear Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 077

OUTDOOR LED PRODUCTS

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

LED AREA

OSQ Series
Area p.82



XSP Series
Area p.84



Cree Edge™ Series
Area Square / Area Round p.86



Cree Edge™ Series High Output
Area p.88



Cree Edge™ Series
Pathway p.90



LED STREET & ROADWAY

RUL Series
Rural Utility p.94



XSP Series
XSP1™ / XSP2™ / XSPR™ / XSP IP66 p.96



LEDway® Series
HT Mount / AA Mount p.98



LED STREET & ROADWAY

LEDway® Series High Output
Single / Double p.100



Cree Edge™ Series
Transportation Mount p.102



LED DECORATIVE STREET & ROADWAY

DPT Series
Post-Top Luminaire p.106



LED Upgrade Kit
Traditional Post-Top Upgrade Kit p.108



LED CANOPY & SOFFIT

CPY Series
Direct Mount p.112



228 Series™
Recessed & Remodel Mounts p.114



304 Series™
Recessed Mount p.116



Cree Edge™ Series
Surface Mount p.118



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 078



LED PARKING STRUCTURE

IG Series
Parking Structure p.122



304 Series™
Parking Structure p.124



VG Series
Parking Structure p.126



LED FLOOD

OSQ Series
Flood p.130



Cree Edge™ Series
High Output Flood / Flood Square / Flood Round p.132



304 Series™
Flood p.134



OL Series™
Linear Flood p.136



LED WALL MOUNT

XSP Series
Wall Pack p.140



Cree Edge™ Series
Wall Pack p.142



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 079

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.



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 080



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.

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 081

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.



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 082



OSQ Series

p.82

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



XSP Series

p.84

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



Cree Edge™ Series

p.86

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



Cree Edge™ High Output

p.88

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



Cree Edge™ Series Pathway

p.90

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 083

OSQ Series Area







ADVANCING LIGHT THROUGHOUT YOUR SITE.

The OSQ Series blends extreme optical control, advanced thermal management and light quality to bring you the latest advancements in LED technology. And we didn't stop there — we added a clean, modern housing and versatile mounting options all with an attractive price point. Whether you have a new construction or upgrade application, the OSQ Series is perfect for parking lots, internal roadways and general site lighting.

BENEFITS

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

FEATURES

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

APPLICATIONS

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

OSQ™ Area with DA Mount



OSQ™ Area with AA Mount



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00611
Page 084

OSQ Series Area

Ordering Information

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

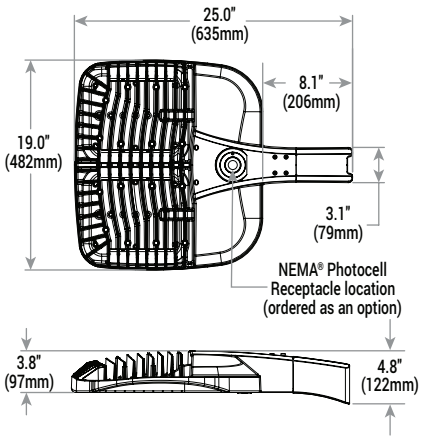
MOUNT		COLOR OPTIONS	
OSQ-AA Adjustable Arm	**OSQ-DA** Direct	**BK** Black **BZ** Bronze	**SV** Silver **WH** White

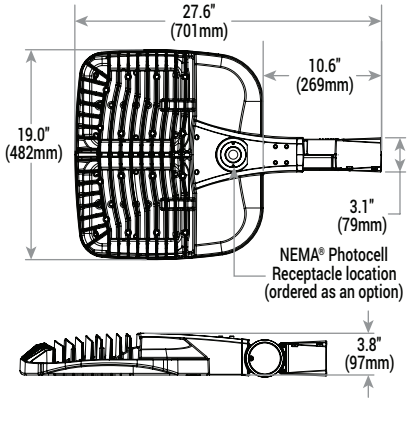
PRODUCT	VERSION	MOUNTING	OPTIC	INPUT POWER DESIGNATOR	CCT	VOLTAGE	COLOR OPTIONS	OPTIONS
OSQ	**A**	**NM** No Mount	**2ME** Type II Medium **3ME** Type III Medium **4ME** Type IV Medium **5ME** Type V Medium **5SH** Type V Short	**A** 112W **(Medium)** **J** 168W **(Medium)** **S** 223W **(Large)**	**30K**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

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

Dimensions

OSQ SERIES AREA





Accessory Information

BACKLIGHT SHIELD

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

HAND-HELD REMOTE

XA-SENSREM for PML Option



You May Also Be Interested In:



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



XSP SERIES WALL PACK
Affordable Site Lighting Solutions



OSQ SERIES FLOOD
Flood Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 085

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

APPLICATIONS

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

XSP1™ Area



XSP2™/XSP2L™ Area



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 086

XSP Series Area

Ordering Information

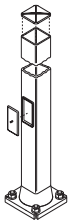
Example: BXSP-B-HT-2ME-A-40K-UL-SV

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

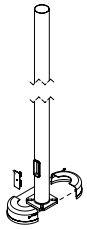
*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
**Optics available with Backlight Shield when ordered with field-installed accessory

Poles & Tenon Options

POLE SPECIFICATION



PS
Crown-Weld® Square Straight Steel Poles



PS5R
Round Steel Poles

PSRV
Round Tapered Steel Poles

HORIZONTAL TENON OPTIONS

* Specify mounting configuration



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



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



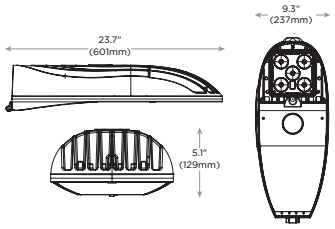
WM-2L
Wall Mount



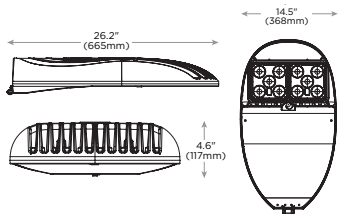
XA-TMDA8
Direct Arm Pole Adaptor Bracket
Mounts to 3 – 6" (76 – 152mm) round or square aluminum or steel poles

Dimensions

XSP1™ (SINGLE-MODULE)

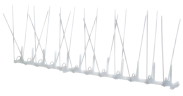


XSP2™ / XSP2L™ (DOUBLE-MODULE)



Accessory Information

BIRD SPIKE OPTIONS*



XA-SP1BRDSPK
(single-module)
XA-SP2BRDSPK
(double-module)

BACKLIGHT CONTROL SHIELD OPTIONS

Provides 1/2 Mounting Height Cutoff
XA-SP1BLS (for use with single-module)
XA-SP2BLS (for use with double-module)

FOUR POINT MOUNTING KIT

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

You May Also Be Interested In:



OSQ SERIES AREA
Low-Profile Area Lighting Solutions



XSP SERIES WALL PACK
Affordable Site Lighting Solutions



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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 087

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)
- Utilizes BetaLED® Technology
- UL wet listed
- Meets Buy American requirements within ARRA
- Optional backlight cutoff shield
- Modular, low-profile design

APPLICATIONS

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

Cree Edge™ Area Square



Cree Edge™ Area Round



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 088

Cree Edge™ Series Pole-Mounted

Ordering Information

Example: ARE-EDR-2M-AA-06-E-UL-SV-525-DIM

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

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

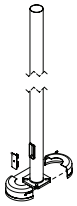
Poles & Tenon Options

POLE SPECIFICATION

Consult factory for more information.



PS
Crown-Weld® Square Straight Steel Poles



PS5R
Round Steel Poles



PSCV
Curved Round Tapered Steel Poles

PSRV
Round Tapered Steel Poles

TENONS & BRACKETS



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



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



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



PT-*
Round External Mount Horizontal Tenons (Aluminum)



WM-*
Wall Mount Brackets

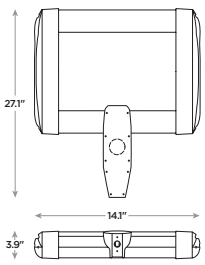


PW-*A3
Mid-Pole Brackets

Dimensions

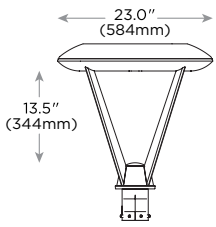
CREE EDGE™ AREA SQUARE

DA MOUNT



CREE EDGE™ AREA ROUND

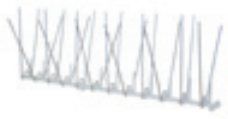
R3 MOUNT



Accessory Information

BIRD-SPIKES

XA-BRDSPK



BACKLIGHT SHIELD

XA-20BLS-4 Four-pack

HAND-HELD REMOTE

XA-SENSREM For use with PML Option



You May Also Be Interested In:



VG SERIES PARKING STRUCTURE
Scalable, Versatile Parking Structure Solutions



CREE EDGE™ SERIES WALL MOUNT
Wall Mount Lighting Solutions



CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 089

Cree Edge™ High Output







Cree Edge™ High Output Area



IT'S A BRAND NEW NIGHT IN HIGH OUTPUT LIGHTING

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 090

Cree Edge™ High Output

Ordering Information

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

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

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

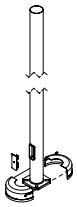
Poles & Tenon Options

POLE SPECIFICATION

Consult factory for more information.



PS
Crown-Weld® Square Straight Steel Poles



PS5R
Round Steel Poles



PSCV
Curved Round Tapered Steel Poles

PSRV
Round Tapered Steel Poles

TENONS & BRACKETS



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



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



WM-*
Wall Mount Brackets

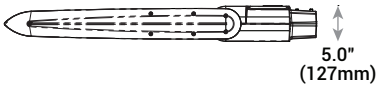


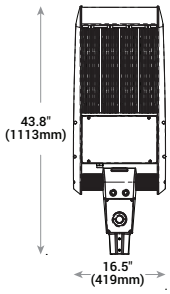
PW-*A3
Mid-Pole Brackets

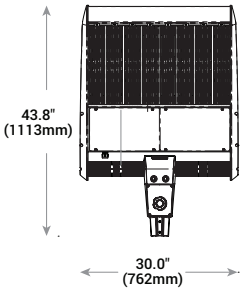
Dimensions

CREE EDGE™ HIGH OUTPUT AREA

HV MOUNT



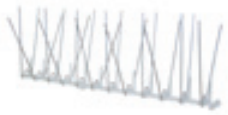




Accessory Information

BIRD-SPIKES

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



BACKLIGHT SHIELD

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

DIRECT MOUNT BRACKET

EHO-UNV*



You May Also Be Interested In:



IG SERIES PARKING STRUCTURE
Parking Structure Solutions



XSP SERIES WALL PACK
Affordable Site Lighting Solutions



OSQ SERIES FLOOD
Flood Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 091

Cree Edge™ Series Pathway







A PATHWAY TO STYLE AND PERFORMANCE.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

Cree Edge™ Pathway



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00611
Page 092

Cree Edge™ Series Pathway

Ordering Information

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

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

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

Accessory Information

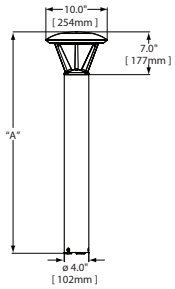
UPGRADE KIT - USED FOR REPLACEMENT OF EXISTING BOLLARDS

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

Dimensions

CREE EDGE™ PATHWAY

Landscape (P0)	13" (330mm)
Landscape (P1)	18" (457mm)
Pathway (P3)	36" (914mm)
Pathway (P4)	42" (1068mm)
Pedestrian (P8)	96" (2438mm



You May Also Be Interested In:



VG SERIES PARKING STRUCTURE
Scalable, Versatile Parking Structure Solutions



CREE EDGE™ SERIES WALL MOUNT
Wall Mount Lighting Solutions



CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 093

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.



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 094



RUL Series

p.94

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



XSP Series

p.96

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



LEDway® Series High Output

p.100

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



LEDway® Series

p.98

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



Cree Edge™ Series

p.102

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 095

RUL Series Rural Utility Luminaire





RUL Series



SUPERIOR UTILITY LED LIGHTING FOR LESS

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 096

RUL Series Rural Utility Luminaire

Ordering Information

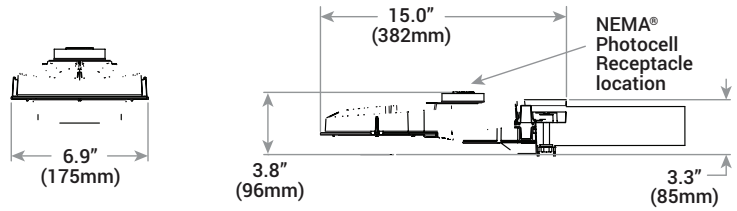
Example: RUL-HT-2ME-C-40K-12-UF-N

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

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

Dimensions

RUL SERIES RURAL UTILITY LUMINAIRE



Mounting Options

TENON S & BRACKETS

* Consult factory for more information.



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



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



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



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



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

You May Also Be Interested In:



OSQ SERIES™ FLOOD
Flood Lighting Solutions



XSPW™ LED WALL MOUNT
Sleek, Modular Area Lighting Solutions

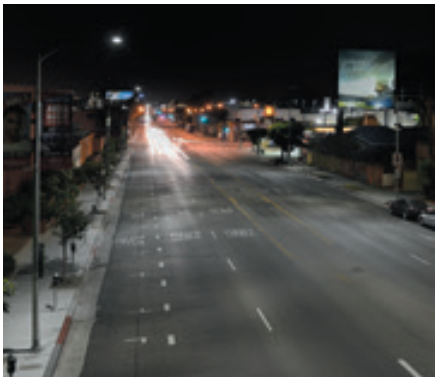


XSP SERIES STREET LIGHT
High-Efficiency Street Light Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 097

XSP Series Street Lights







THE SHAPE YOU KNOW WITH THE PERFORMANCE YOU NEED.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

- Government & municipal, roadway

XSP1™ (single-module)



XSP2™ / XSP2L™ (double-module)



XSPR™



XSP IP66



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 098

XSP Series Street Lights

Ordering Information

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

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

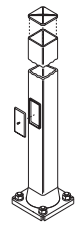
PRODUCT	VERSION	MOUNTING	OPTIC	MODULE (CCT)	INPUT POWER	VOLTAGE	COLOR OPTIONS	OPTIONS
BXSPR	**A**	**0** Horizontal Tenon	**1**** Type II Long **2**** Type II Medium **3**** Type III Medium	**F** 4000K **M** 5700K	**C** 42W **G** 25W	**U** Universal 120–277V	**S** Silver	**Y** 0-10V Dimming **N** Utility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

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

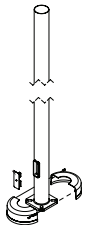
Mounting Options

POLE SPECIFICATION

Consult factory for more information.



PS
Crown-Weld® Square Straight Steel Poles



PS5R
Round Steel Poles

PSRV
Round Tapered Steel Poles

TENONS & BRACKETS



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



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



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

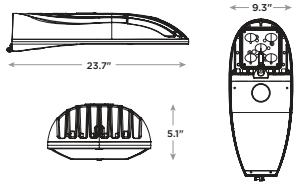


XA-TMDA8
Direct Arm Pole Adaptor Bracket - Mounts to 3 – 6" (76 – 152mm) round or square aluminum or steel poles

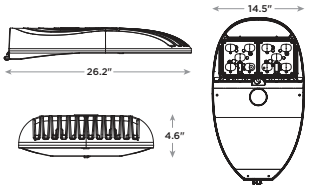
* Specify mounting configuration.

Dimensions

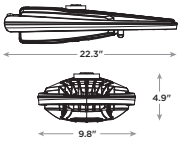
XSP1™ (SINGLE-MODULE)



XSP2™ / XSP2L™ (DOUBLE-MODULE)



XSPR™



Accessory Information

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

**does not apply to XSPR.

You May Also Be Interested In:



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



LEDWAY® SERIES
STREET LIGHTS
Versatile Street Light Solutions



XSP SERIES AREA
Area Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 099

LEDway® Series Street Lights







LEDway - HT Mount



PROVEN PERFORMANCE, PROVEN VALUE.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 100

LEDway® Series Street Lights

Ordering Information

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

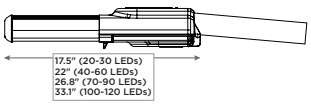
PRODUCT	OPTIC	MOUNTING	#OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
STR-LWY	**2M** Type 2 Medium **2MB** Type 2 Medium w/Backlight Shield **2S** Type 2 Short **3M** Type 3 Medium **4M** Type 4 Medium **5M** Type 5 Medium	**HT** Horizontal Tenon	**02** **03**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

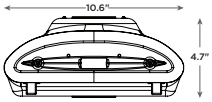
*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

Dimensions

LEDWAY® LED STREET LIGHT

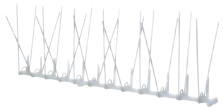
HT MOUNT





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)

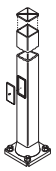
EXTERNAL BACKLIGHT SHIELD OPTIONS

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)

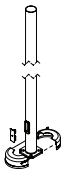
Mounting Options

POLE SPECIFICATION

Consult factory for more information.



PS
Crown-Weld® Square Straight Steel Poles



PS5R
Round Steel Poles

PSRV
Round Tapered Steel Poles

TENONS & BRACKETS



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



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



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



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

* Specify mounting configuration.

You May Also Be Interested In:



IG SERIES PARKING STRUCTURE
Parking Structure Solutions



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



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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 101

LEDway® Series High Output Street Lights





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

High Output - Single



High Output - Double



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 102

LEDway® Series High Output Street Lights

Ordering Information

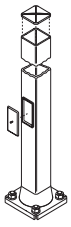
Example: STR-LWY-2ME-HT-1-F-UL-SV-A-40K

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

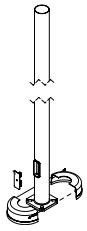
*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

Mounting Options

POLE SPECIFICATION



PS
Crown-Weld® Square Straight Steel Poles



PS5R
Round Steel Poles

PSRV
Round Tapered Steel Poles

TENONS & BRACKETS



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



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



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

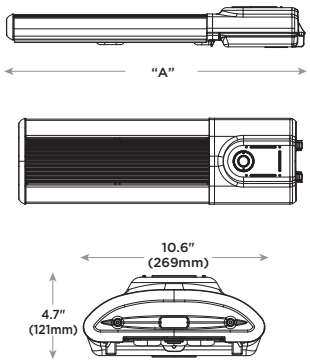


XA-TMDA8
Direct Arm Pole Adaptor Bracket - Mounts to 3 – 6" (76 – 152mm) round or square aluminum or steel poles

* Specify mounting configuration.

Dimensions

LEDWAY SERIES HIGH OUTPUT STREET LIGHT

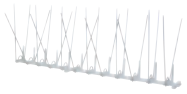


MODULES	DIMENSION	MEASUREMENTS
Single	"A"	23.5" (597mm)
Double	"A"	34.9" (886mm)

Accessory Information

BIRD SPIKE OPTIONS

XA-BRDSPKHSG
Bird Spikes for Housing



You May Also Be Interested In:



OSQ SERIES AREA
Low-Profile Area Lighting Solutions



XSP SERIES WALL PACK
Affordable Site Lighting Solutions



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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 103

Cree Edge™ Series Transportation Luminaire





BRIDGES, OVERPASSES AND TUNNELS — NO PROBLEM.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

- Government & municipal, roadway

Cree Edge™ Transportation Mount



Cree Edge™ High Output Transportation Mount



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 104

Cree Edge™ Series Transportation Luminaire

Ordering Information

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

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

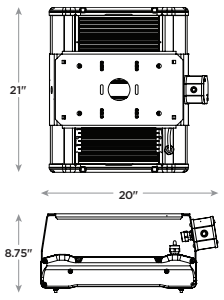
PRODUCT	OPTIC		MOUNTING	# OF LEDS (X10)	VERSION	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
TSP EHO	**1S** Type 1 Short **2S** Type 2 Short **3M** Type 3 Medium	**5S** Type 5 Short **N6** NEMA® 6	**DM** Direct Surface	**12** **24**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V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

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

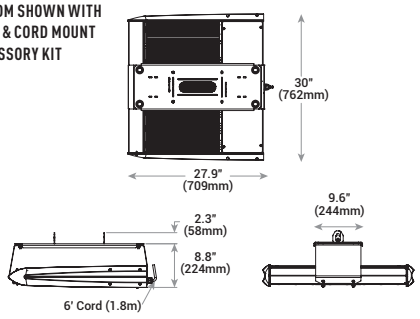
Dimensions

CREE EDGE™ TRANSPORTATION MOUNT

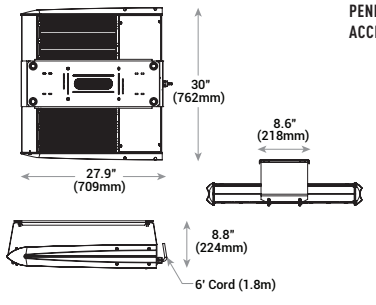
EDG -DM MOUNT



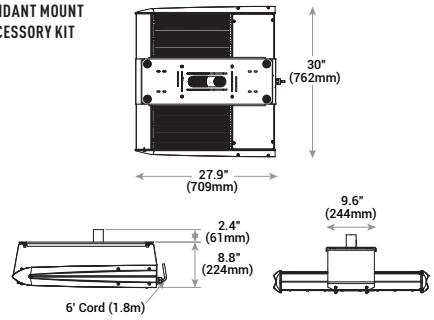
EHO-DM SHOWN WITH HOOK & CORD MOUNT ACCESSORY KIT



EHO -DM MOUNT



EHO -DM SHOWN WITH PENDANT MOUNT ACCESSORY KIT



Accessory Information

ACCESSORIES FOR HIGH OUTPUT

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

You May Also Be Interested In:



VG SERIES PARKING STRUCTURE
Scalable, Versatile Parking Structure Solutions



CREE EDGE™ SERIES WALL MOUNT
Wall Mount Lighting Solutions



CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 105

LED DECORATIVE STREET & ROADWAY

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



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 106



DPT Series LED Post-Top Luminaire

p.106

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



LED Upgrade Kit

p.108

- 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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 107

DPT Series Post-Top Luminaire





DPT Series Post-Top Luminaire



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

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

BENEFITS

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

FEATURES

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

APPLICATIONS

- Government, education, municipal, roadway

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 108

DPT Series Post-Top Luminaire

Ordering Information

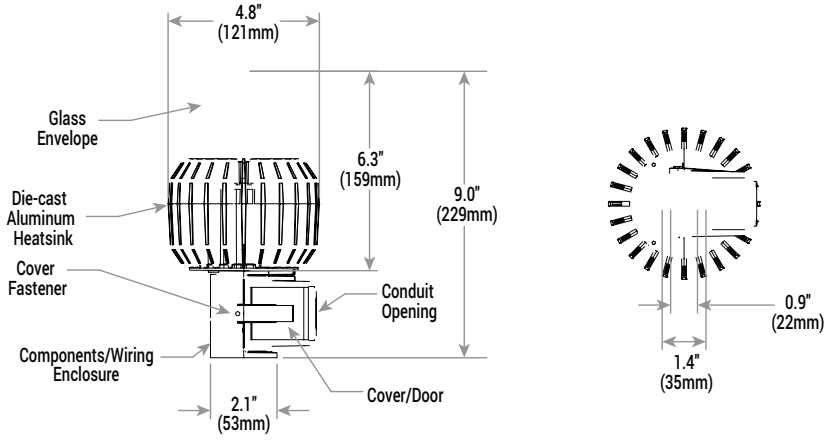
Example: DPT-A-SB-FR-A-30K-UL-UF

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

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

Dimensions

LED DECORATIVE POST TOP LUMINAIRE



Accessory Information

EXTERNAL BACKLIGHT SHIELD OPTIONS

Backlight Control Shield

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

Uplight Shield for Base-Down Applications

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

You May Also Be Interested In:



OSQ SERIES AREA
Low-Profile Area Lighting Solutions



XSP SERIES WALL PACK
Affordable Site Lighting Solutions



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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 109

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



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 110

Traditional Post-Top Upgrade Kit

Ordering Information

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

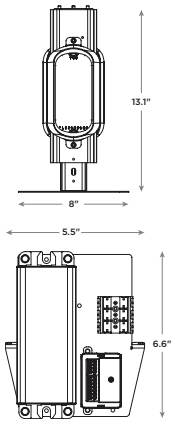
PRODUCT	VERSION	STYLE	OPTIC	# OF SIDES	VOLTAGE	INPUT POWER	COLOR TEMPERATURE	OPTIONS
BXRA	A	**A** Holophane® Granville Acorn **B** Holophane® Washington PostLite® Acorn **D** King Luminaire Washington Acorn **E** Holophane® Esplanade® Teardrop **F** Lumec® New Westminster Globe **H** Holophane® Granville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

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

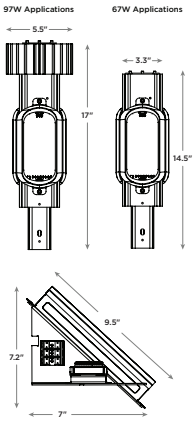
Dimensions

TRADITIONAL POST-TOP UPGRADE KITS

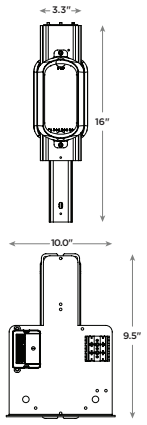
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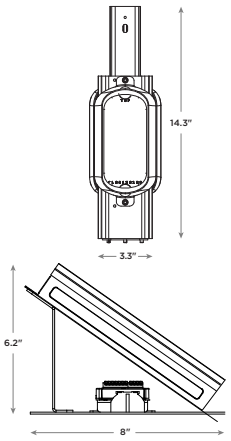
BXRAAB



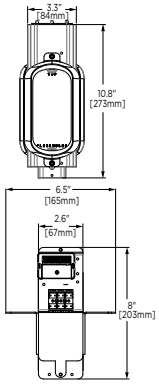
BXRAAD



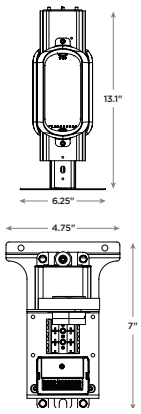
BXRAAE



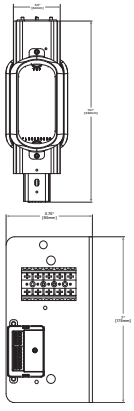
BXRAAF



BXRAAH



BXRAAK



You May Also Be Interested In:



CREE EDGE™ SERIES WALL MOUNT
Wall Mount Lighting Solutions



CREE EDGE™ SERIES AREA
Sleek, Modular Area Lighting Solutions



CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 111

LED CANOPY & SOFFIT

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



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 112



CPY Series

p.112

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



228 Series™

p.114

- 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.116

- 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.118

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 113

CPY Series Canopy & Soffit







"BEST IN CLASS" PERFORMANCE STANDARD.

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

BENEFITS

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

FEATURES

- Minimum 70 CRI
- CCT: 4000K (+/-300K), 5700K (+/-500K)
- UL listed
- Flat or drop lens option
- 0-10V dimming option (122W)
- Direct surface mount or pendant mount
- Slim, low-profile design
- Exclusive Colorfast DeltaGuard® Finish

APPLICATIONS

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

CPY Series - Flat Lens



CPY Series - Drop Lens



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 114

CPY Series Canopy & Soffit

Ordering Information

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

PRODUCT	VERSION	MOUNTING	OPTIC	INPUT POWER DESIGNATOR	VOLTAGE	COLOR OPTIONS	FACTORY INSTALLED OPTIONS
CPY250	A	**DM** Direct **PD** Pendant	**D** 0.91" (23mm) Drop Lens **F** Flat Lens	**A** 82W **B** 122W **C** 43W **D** 140W	**UL** Universal 120-277V **UH** Universal 347-480V	**WH** White **SV** Silver **BZ** Bronze **BK** Black	**DIM** 0-10V Dimming **ML** Multi-Level **PML** Programmable Multi-Level **40K** 4000K

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

Accessory Information

DIRECT MOUNT - CANOPY UPGRADE KITS

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



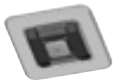
DIRECT MOUNT - JUNCTION BOX / STEM KIT

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



DIRECT MOUNT - BEAUTY PLATE

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



PENDANT MOUNT - FITTING

XA-PSFTG - Pendant Fitting

PENDANT MOUNT KITS

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

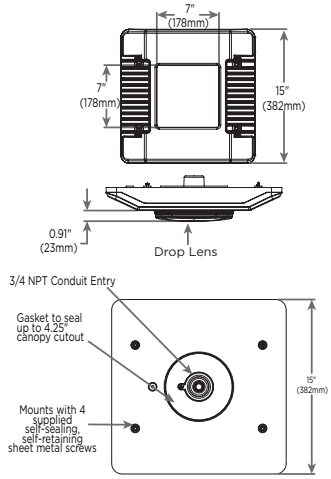
HAND-HELD REMOTE

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

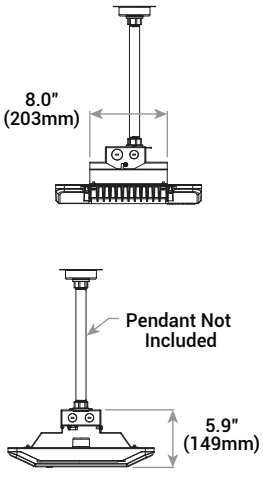


Dimensions

DIRECT MOUNT



PENDANT MOUNT



You May Also Be Interested In:



OSQ SERIES AREA
Low-Profile Area Lighting Solutions



XSP SERIES WALL PACK
Affordable Site Lighting Solutions



LEDWAY® SERIES STREET LIGHTS
Versatile Street Light Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 115

228 Series™ Recessed Canopy and Soffit







INNOVATIVE MODULAR DESIGN AND EASY INSTALLATION.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

228 Series™ Recessed Canopy



228 Series™ Recessed Soffit



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 116

228 Series™ Recessed Canopy and Soffit

Ordering Information

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

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

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

Accessory Information

UPGRADE PLATE KIT (CAN-228 MODELS ONLY)

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

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

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

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

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

Accessory Information

HAND-HELD REMOTE

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

MOUNTING C CHANNELS (SFT-228 MODELS ONLY)

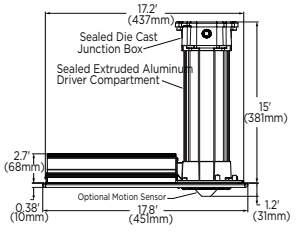
XA-MC14 Mounting C Channel - 14" (356mm) Long
XA-MC22 Mounting C Channel - 22" (559mm) Long
XA-MC30 Mounting C Channel - 30" (762mm) Long

MOUNTING BRACKETS (SFT-228 MODELS ONLY)

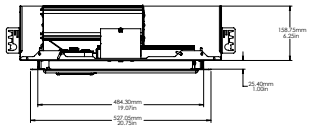
XA-MB4 - Kit contains 4

Dimensions

228 SERIES™ RECESSED CANOPY



228 SERIES™ RECESSED SOFFIT



You May Also Be Interested In:



CREE EDGE™ SERIES AREA
Sleek, Modular Area Lighting Solutions



XSP SERIES WALL PACK
Affordable Site Lighting Solutions



LEDWAY® SERIES STREET LIGHTS
Versatile Street Light Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 117

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, multiple optical distributions, drive currents and mounting options, the CAN-304 is an affordable solution that's not short on performance.

BENEFITS

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

FEATURES

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

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00611
Page 118

304 Series™ Recessed Canopy and Soffit

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

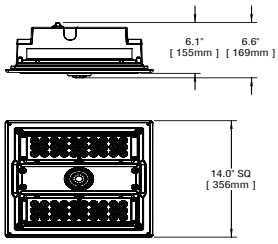
PRODUCT	OPTIC	MOUNTING	# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
CAN 304 **SFT 304**	**5M** Type V Medium **5S** Type V Short **PS** Petroleum Symmetric **SL** Sparkle Petroleum	**RM** Recessed **RS** Recessed Single Skin **RD** Recessed Double Skin **RT1**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

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

Dimensions

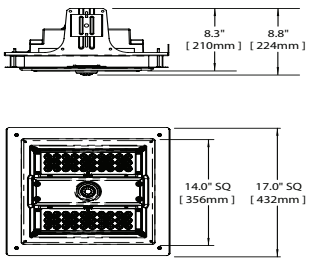
304 SERIES™ RECESSED CANOPY

RD MOUNT



304 SERIES™ RECESSED SOFFIT

RM MOUNT



You May Also Be Interested In:



304 SERIES™ FLOOD
Low-Profile Flood Lighting Solutions



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



304 SERIES™ INTERIOR
High-Performance Interior Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 119

Cree Edge™ Series Surface Mount Canopy







THE PRODUCT THAT HELPED START A REVOLUTION.

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

BENEFITS

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

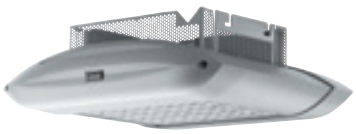
FEATURES

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

APPLICATIONS

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

Cree Edge™ Surface Mount Canopy



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 120

Cree Edge™ Series Surface Mount Canopy

Ordering Information

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

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

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

** For CE version, please consult factory for more information.

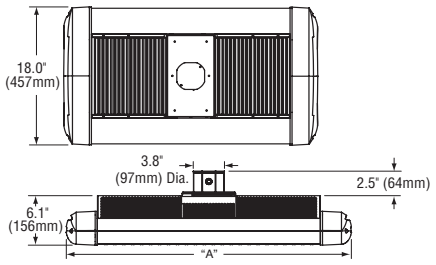
Accessory Information

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

Dimensions

CREE EDGE™ SURFACE MOUNT CANOPY

DM MOUNT



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

You May Also Be Interested In:



VG SERIES PARKING STRUCTURE
Scalable, Versatile Parking Structure Solutions



CREE EDGE™ SERIES WALL MOUNT
Wall Mount Lighting Solutions



CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 121

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.



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 122



IG Series

p.122

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



304 Series

p.124

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



VG Series

p.126

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 123

IG Series Parking Structure







LOW-GLARE ILLUMINATION WITH HIGH-ENERGY EFFICIENCY

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

IG Series



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 124

IG Series Parking Structure

Ordering Information

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

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

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

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

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

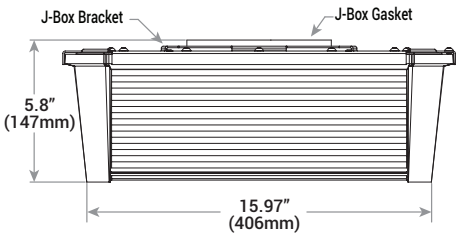
Accessory Information

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

Dimensions

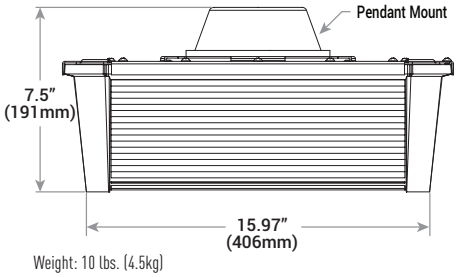
IG SERIES PARKING STRUCTURE

BOX MOUNT



Weight: 10 lbs. (4.5kg)

PENDANT MOUNT



Weight: 10 lbs. (4.5kg)

You May Also Be Interested In:



OSQ SERIES AREA
Sleek, Modular Area Lighting Solutions



CPY SERIES CANOPY
Outdoor Canopy Solutions



CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 125

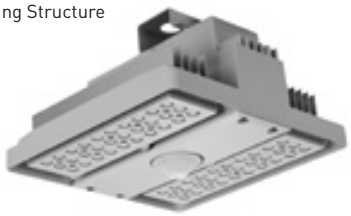
304 Series™ Parking Structure







304 Series™ Parking Structure



AN OPERATING BUDGET'S NEW BEST FRIEND.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00611
Page 126

304 Series™ Parking Structure

Ordering Information

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

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

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

Accessory Information

FIELD-INSTALLED

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

Pendant Mount Fitting
XA-PSFTG – Pendant Fitting

Pendant Mount Leveler
XA-PNDTLVL – Leveler for 0-13° Sloped Ceilings

Bird Guard
XA-XCPBRDGRD – For Pendant or Hook & Cord Mount Only

Hook & Cord Mount Locking Type Plug
XA-L515P – 120V
XA-L615P – 208/240V
XA-L715P – 277V
XA-L3720P – 347V

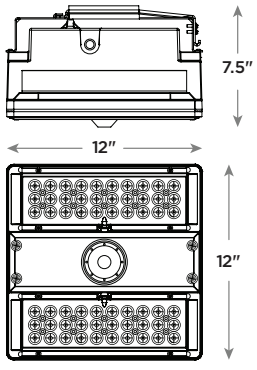
Hook & Cord Mount Locking Type Receptacle
XA-L515R – 120V
XA-L615R – 208/240V
XA-L715R – 277V
XA-L720R – 347V

Hook & Cord Mount Steady Lock
SL-C – Steady Lock for Eyebolt

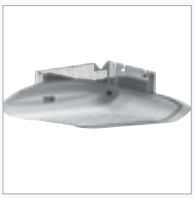
Dimensions

304 SERIES™ PARKING STRUCTURE

DM MOUNT



You May Also Be Interested In:



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



CPY SERIES CANOPY
Outdoor Canopy Solutions



CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 127

VG Series Vehicle Garage Luminaire







REIMAGINE PARKING STRUCTURES WITH UNIFORM LED LIGHTING.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

VG Series



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 128

VG Series Vehicle Garage Luminaire

Ordering Information

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

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

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

Accessory Information

PERIMETER SHROUD

XA-PS



BIRD SHROUD

VG-BS
not available with
JB Mount



HAND-HELD REMOTE

XA-SENSREM
for PML Option

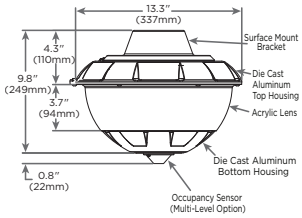


Dimensions

VG SERIES PARKING STRUCTURE

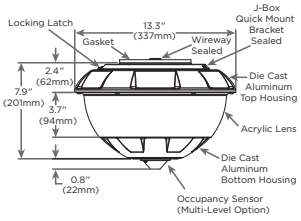
DM MOUNT





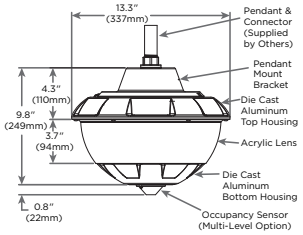
JB MOUNT





PD MOUNT





You May Also Be Interested In:



OSQ SERIES AREA
Sleek, Modular Area Lighting Solutions



CPY SERIES CANOPY
Outdoor Canopy Solutions



CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 129

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.



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 130



OSQ Series

p.130

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



Cree Edge™ Series

p.132

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



304 Series™

p.134

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



OL Series™

p.136

- 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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 131

OSQ Series Flood







FAÇADES THAT INVITE AND IMPRESS.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

OSQ™ Flood with AA Mount



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00611
Page 132

OSQ Series Flood

Ordering Information

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

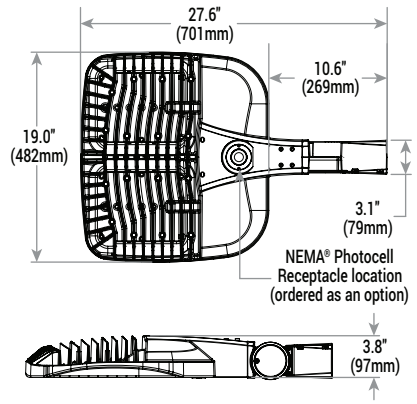
MOUNT		COLOR OPTIONS	
OSQ-AA Adjustable Arm		**BK** Black **BZ** Bronze	**SV** Silver **WH** White

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

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

Dimensions

OSQ SERIES FLOOD



Accessory Information

BACKLIGHT SHIELD

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

HAND-HELD REMOTE

XA-SENSREM for PML Option



You May Also Be Interested In:



IG SERIES PARKING STRUCTURE
Parking Structure Solutions



XSP SERIES WALL PACK
Affordable Site Lighting Solutions



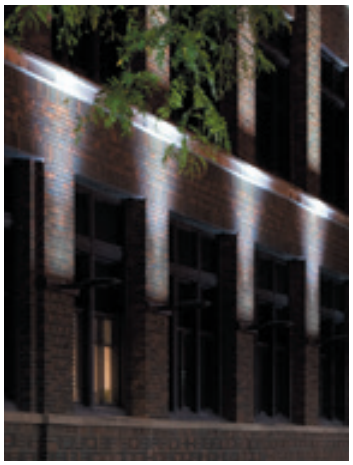
OSQ SERIES AREA
Low-Profile Area Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 133

Cree Edge™ Series Flood







A FLOOD LIGHTING SOLUTION WITH PRECISE OPTICAL CONTROL.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

Cree Edge™ High Output Flood



Cree Edge™ Flood Square



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 134

Cree Edge™ Series Flood

Ordering Information

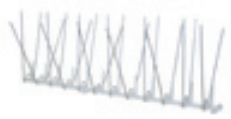
Example: FLD-EDG-15-AA-12-E-UL-SV-525-40K

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

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

Accessory Information

BIRD SPIKE OPTIONS

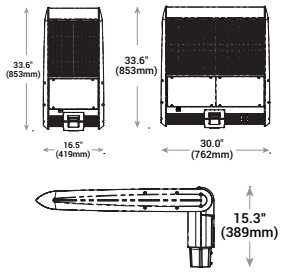


XA-BRDSPK
(EDG and EDR models only)
XA-BRDSPKXAK12
(EHO models only for 120 LED luminaires)
XA-BRDSPKXAK24
(EHO models only for 240 LED luminaires)

Dimensions

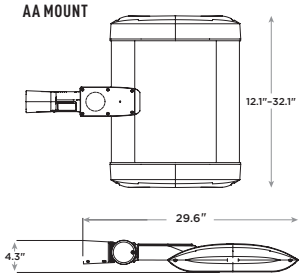
CREE EDGE™ HIGH OUTPUT FLOOD

HV MOUNT



CREE EDGE™ FLOOD SQUARE

AA MOUNT



You May Also Be Interested In:



VG SERIES PARKING STRUCTURE
Scalable, Versatile Parking Structure Solutions



CREE EDGE™ SERIES WALL MOUNT
Wall Mount Lighting Solutions



CREE EDGE™ AREA
Sleek, Modular Area Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 135

304 Series™ Flood





304 Series™ Flood



A VERSATILE LED FLOOD SOLUTION THAT'S ALSO AFFORDABLE.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 136

304 Series™ Flood

Ordering Information

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

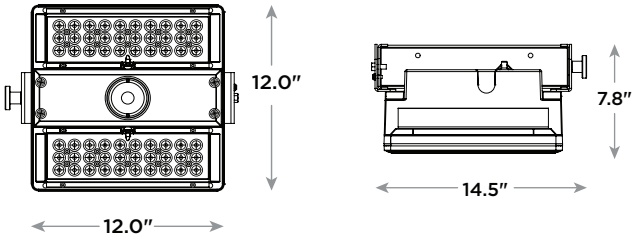
FAMILY	PRODUCT	OPTIC		MOUNTING	# OF LEDS (X10)	LED SERIES	VOLTAGE	COLOR OPTIONS	DRIVE CURRENT	FACTORY INSTALLED OPTIONS
FLD	304	**2M** Type II Medium **3M** Type III Medium **5M** Type V Medium **5S** Type V Short **N6** NEMA® 6 **SL** Sparkle Petroleum **SN** Sign	**15** 15° Flood **25** 25° Flood **40**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

* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

Dimensions

304 SERIES™ FLOOD

YM MOUNT



You May Also Be Interested In:



304 SERIES™ CANOPY
Canopy Lighting Solutions



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

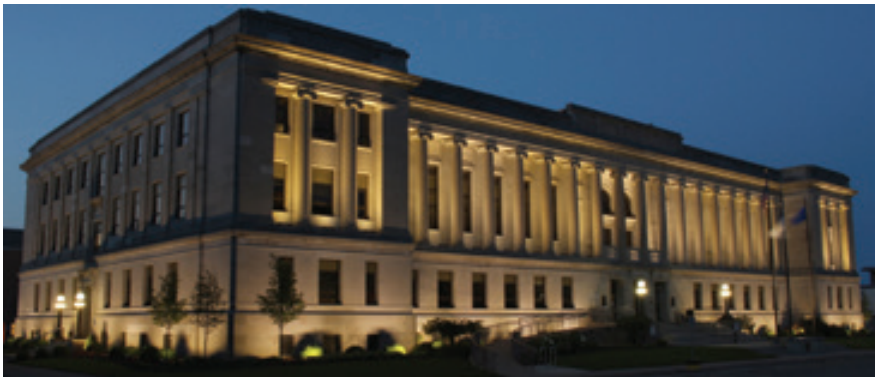


304 SERIES™ INTERIOR
High-Performance Interior Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 137

OL Series™ Linear Flood





AN OUTSIDE-THE-BOX APPROACH TO FLOOD LIGHTING.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

OL Series™ Linear Flood



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00611
Page 138

OL Series™ Linear Flood

Ordering Information

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

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

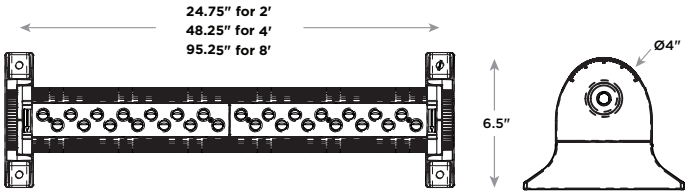
* Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.
** For CE version, please consult factory for more information.

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



You May Also Be Interested In:



CREE EDGE™ SERIES FLOOD
Flood Lighting Solutions



304 SERIES™ FLOOD
Low-Profile Flood Lighting Solutions



304 SERIES™ INTERIOR
High-Performance Interior Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 139

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.



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 140



XSP Series

p.140

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



Cree Edge™ Series

p.142

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

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 141

XSP Series Wall Pack





SITE SAFETY WITH LOW COST OF OWNERSHIP.

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

BENEFITS

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

FEATURES

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

APPLICATIONS

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

XSPW™



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00611
Page 142

XSP Series Wall Pack

Ordering Information

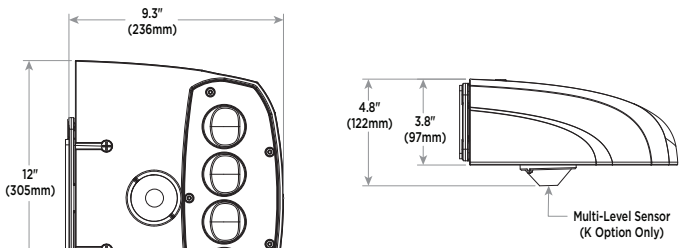
Example: XSPW-A-0-3-F-C-U-S

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

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

Dimensions

XSPW™ WALL PACK



You May Also Be Interested In:



OSQ SERIES FLOOD
Flood Lighting Solutions



XSP SERIES AREA
Aesthetic Area Lighting Solutions



IG SERIES PARKING STRUCTURE
Parking Structure Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 143

Cree Edge™ Series 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™ Security



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00511
Page 144

Cree Edge™ Series Security

Ordering Information

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

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

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

Accessory Information

BIRD SPIKE OPTION

XA-BRDSPK



HAND-HELD REMOTE

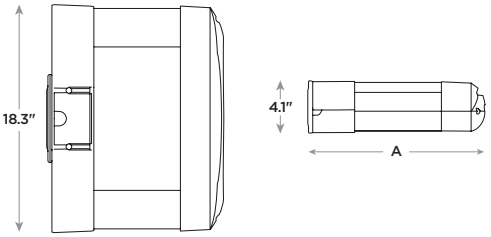
XA-SENSREM for PML Option



Dimensions

CREE EDGE™ SECURITY

WM MOUNT



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

You May Also Be Interested In:



VG SERIES PARKING STRUCTURE
Scalable, Versatile Parking Structure Solutions



CREE EDGE™ AREA
Sleek, Modular Area Lighting Solutions



CREE EDGE™ SERIES PATHWAY
Pathway Lighting Solutions

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 145



LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 146

Notes



Bowsher High School - Toledo, OH
OSQ Series Area

LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 147

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2015 MOST INNOVATIVE COMPANIES

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

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

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LUMINEX Ex. 1037
Luminex v. Signify
IPR2024-00101
Page 148