



Outdoor Lighting

Specification Solutions Guide

D-Series LED

Area Luminaires

The D-Series is the #1 selling outdoor area luminaire family and for good reason. High-efficiency LED's and precision refractive optics combine to create sites with wide pole spacing and excellent uniformity. With 14 different optics to choose from, lighting designers have all the tools they need to effectively illuminate even the most challenging sites.

Best of all, the D-Series LED area luminaires will keep your project on time and on budget, with reliable delivery and budget-friendly pricing.

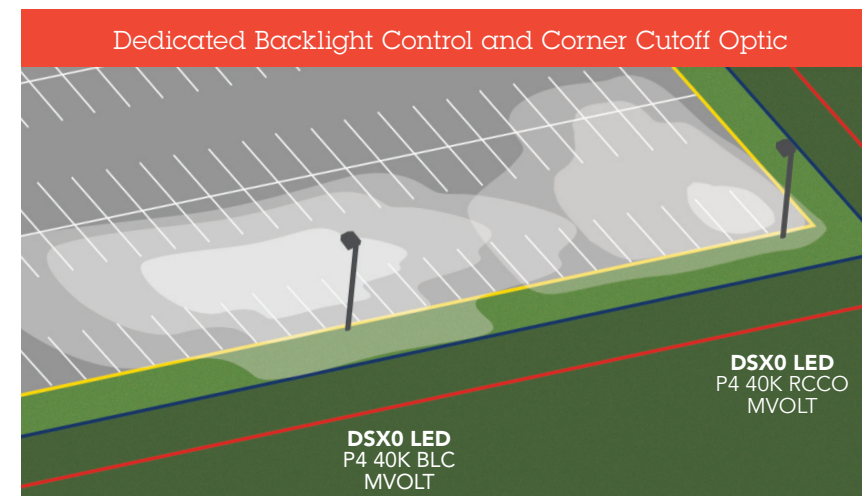


D-Series Features:

- Three sizes deliver 5,000 to 51,000 lumens, providing the right scale for any project
- Choice of 14 photometric distributions for outstanding application efficiency
- Controls options, energy savings and code compliant
- Universal mounting option for easy installation onto existing mounting holes
- Proven design with unparalleled reliability
- Budget-friendly pricing and dependable delivery



These stylish luminaires blend into any architecture while providing unsurpassed illumination.

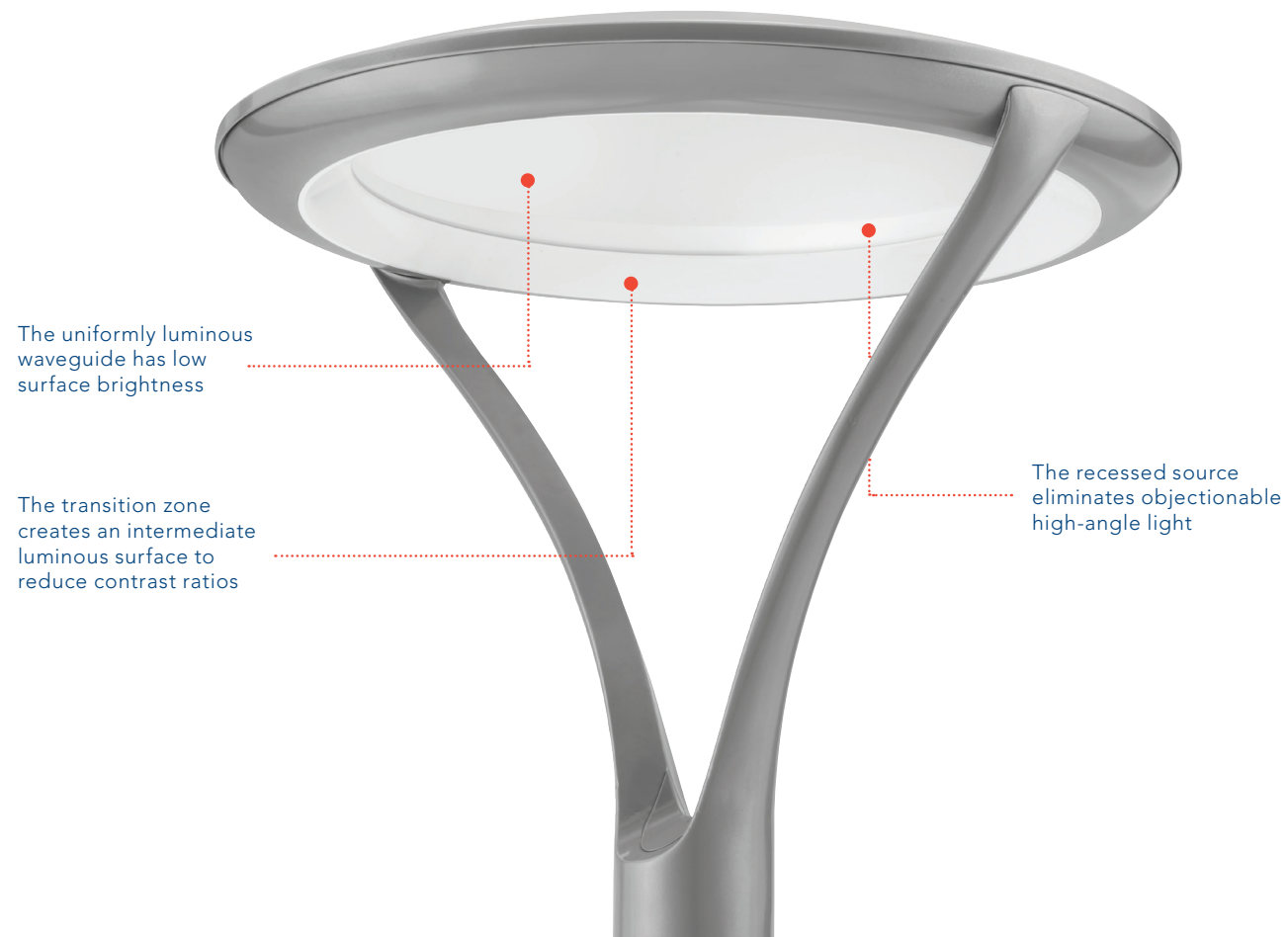


- **Curb Line**
- **Property Line**
Virtually all light is cut off right at the property line, even with the corner cutoff luminaire only 7' from the property in either direction
- **LEED Boundary Line**
Anything beyond the red line is unacceptable spill light

RADEAN™ Family

Pedestrian Luminaires

The RADEAN family brings unmatched style, visual comfort and affordability to pedestrian-scale lighting. Urban pedestrian spaces demand lighting solutions that look great during the day and create a visually comfortable environment at night. RADEAN's recessed low-brightness waveguide lens and patented transition zone work in concert to minimize high-angle light and reduce contrast ratios. The result is visually comfortable lighting that can't be matched.



With up to 16,000 lumens, the post-top and arm-mount luminaires can provide all the light you need at mounting heights of up to 20 feet. The complementary RADEAN bollards complete the family providing additional options for walkways.



Bollard Configurations

Creating the ultimate in design freedom, the RADEAN Bollard allows opportunities for personalization. Of course, you can customize the height, from 40", 36", 30" to even 24", enabling uniform heights even over uneven terrain. The customization goes far beyond that with a choice of either the standard top or a slim top, and a choice of either the standard or deep crown.



WDGE LED

Wall-Mount Luminaires

The WDGE family of LED wall-mounted luminaires will change the way you think about building-mounted lighting. It starts with dispelling the notion that wall-mounted luminaires need to match the pole-mounted luminaires, and that what works in the parking lot works on the side of the building.

In truth, there are two building-mounted lighting applications...entry-way lighting at lower mounting heights that require inviting visually comfortable illumination and area lighting, at higher mounting heights, augmenting the pole-mounted lighting.

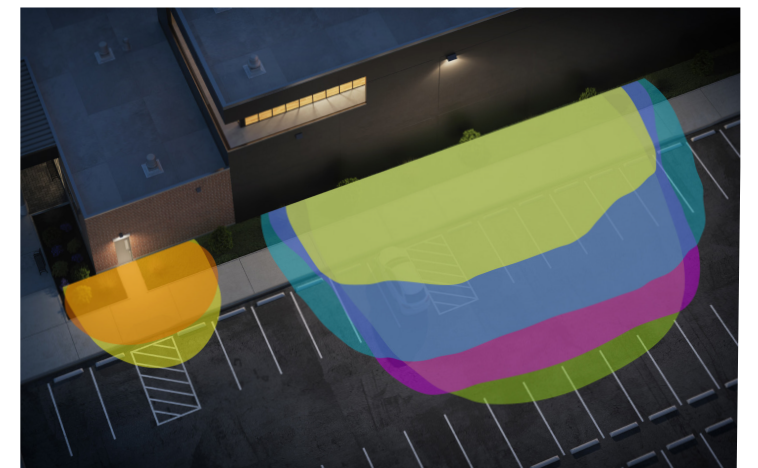
The WDGE family of LED wall-mounted luminaires addresses the needs of both applications with four sizes, two technologies and one common, widely accepted form.



The WDGE family has all the attributes and options a specifier needs to create a lighting design that provides the illumination solutions of the site while meeting code requirements for egress lighting and controls. And since the WDGE is a Lithonia Lighting product, you have confidence that your project will remain on budget and on time.

Visually comfortable optics create an inviting visual environment at the entryways of the building. Patented reflector technology combined with a recessed diffuse lens produce low surface brightness yet provide good optical control.

Precision optics provide the desired wide spacing and forward-throw at higher mounting heights. The combination of acrylic refractive lenses and high-power LEDs result in excellent uniformity and low power density.



ARC LED

Wall-Mount Luminaires

The ARC LED wall-mounted luminaires provide a visually comfortable and architectural design with the exceptional value. While not as full-featured as the WDGE family, the ARC LED wall-mounted luminaires have a similar non-pixelated light source that creates welcoming illumination. Self-contained emergency egress battery back-up options makes code compliance easy, without the need for an additional back-box.



Two sizes make the ARC LED ideal for both over-the-door and perimeter lighting applications.

ARC LED Features:

- Two sizes deliver 1,500 to 6,500 lumens
- Recessed diffused glass lens reduces brightness and minimizes high-angle light that causes glare
- Wide distribution and only 12% of light on the wall
- 80 CRI standard
- 0°C and -20°C integral emergency battery backup options
- Built-in wet location wiring compartment for applications with no existing junction box

WPX LED

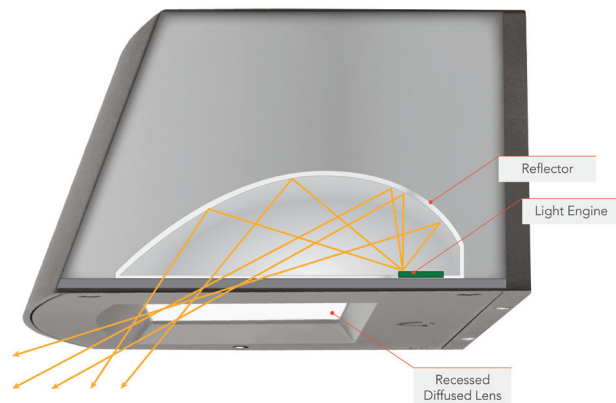
Wall-Mount Luminaires

The WPX LED wall-mounted luminaires provide the best value in wall-mounted lighting. The simple geometric shape and lack of unattractive fins make the WPX luminaires attractive on any building. Three sizes of the WPX family deliver 1,500 to 10,000 lumens, making it a site-wide solution, from over-the-door lighting to mounting height up to 20 feet. A wide illumination pattern allows for a continuous safe and secure environment around the building's exterior.



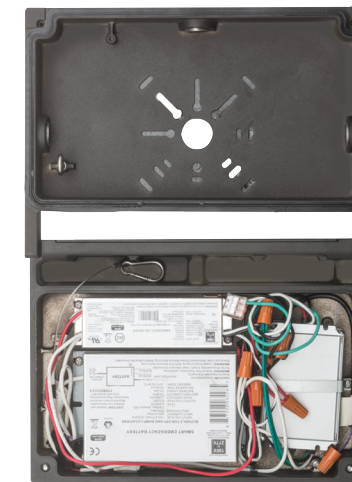
WPX LED Features:

- Three sizes deliver 1,500 to 10,000 lumens
- Simple geometric shape blends into any architecture
- Wide light distribution
- 3000K, 4000K and 5000K; 70 CRI
- 0°C and -20°C integral emergency battery backup options



Integral Emergency Battery Pack Options

WPX1 and WPX2 feature emergency egress battery options that are integral to the luminaire—no ugly back-box. Available in standard and cold temperature versions, this important option is essential to meeting code requirements for egress lighting.



Multi-volt Photocell Option

Add the multi-volt (120 – 277V) option for dusk-to-dawn operation.



D-Series LED

Floodlight Luminaires

The D-Series LED floodlights have the lumen packages, photometric distributions and mounting options that specifiers demand. Three sizes of D-Series LED floods deliver 2,000 to 27,000 lumens. Using reflector optics the beam is shaped to allow seven different distributions with beam angles from 18° (NSP) to 85° (WFL) without the striations that can occur with refractive optics. Available with yoke, knuckle and integral slip-fitter mounting options as well as specialty options such as visors, wire guards and vandal guards, the D-Series is designed to be the specifier's go-to floodlighting solution.



D-Series Floodlight Features:

- Three sizes deliver 2,000 to 27,000 lumens
- Seven floodlighting distributions
- Reflector optics for uniform illumination
- Multiple mounting options
- Visor, wire guard and vandal guard options

Floodlight Applications

The D-series LED floodlights offer site-wide configurable options to meet the specifier's floodlighting needs for any application. Available with seven precision optics, three mountings and three color temperatures, D-Series LED floodlights offer vast design capabilities while delivering significant energy savings and long life.

- 1 Sign Lighting
- 2 Flagpole Lighting
- 3 Column Lighting
- 4 Facade Lighting
- 5 Accent Lighting
- 6 Area Lighting

HLF LED

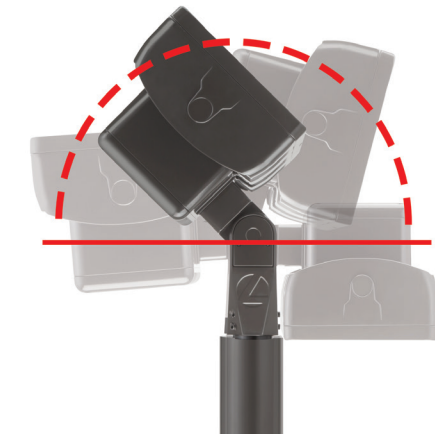
Floodlight Luminaires

The Lithonia Lighting® HLF high lumen floodlights combine maximum lumens, highly engineered photometric distributions and robust mountings to create a versatile solution for floodlighting applications that require high mounting heights or high levels of illumination. With up to 100,000 lumens the HLF2 can replace two 1000W metal halide luminaires. Six different optical distributions get the light where it is needed, with the narrower distributions using innovative hybrid silicone optics.



HLF LED Features:

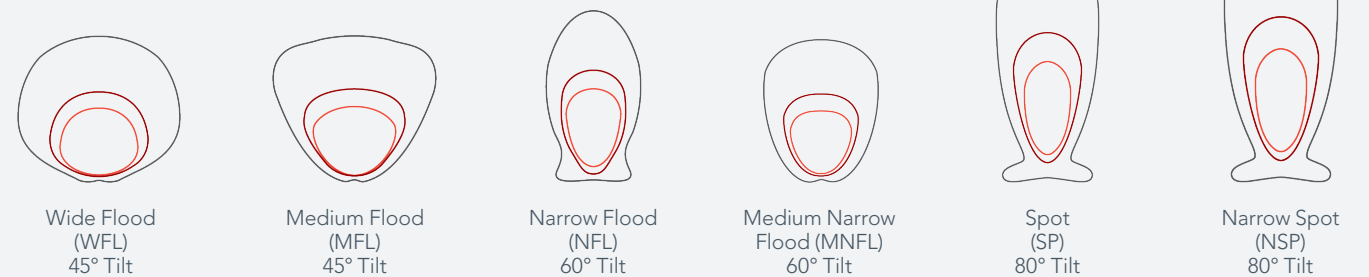
- Choice of six optical distributions
- Two sizes deliver 25,000 to 100,000 lumens
- Super-efficient – up to 154 LPW
- Glass lens reduces dirt accumulation
- Yoke and integral slipfitter mounting
- IP66 construction



HLF makes floodlighting design easy with its six unique distributions, including full range aiming from 0° to 185° and is ideal for the most demanding applications such as up-lighting monuments, buildings and other structures.

Photometric Distributions

HLF LED floodlights have a wide offering of photometric distributions that provide superior illumination and flexibility to meet the most demanding needs in application.



RSX LED

Area Luminaires

The RSX family of LED area luminaires is designed to replace the huge installed base of HID fixtures with a product that provides quality illumination along with the high energy savings and low initial cost that renovation projects demand. Four sizes deliver from 7,000 to 70,000 lumens while eight optical distributions allow customers to experience both energy savings and an enhanced end-user experience. A wide selection of mounting options makes the RSX family ready to take on any renovation project.



Photometric Distributions

The RSX LED area luminaires have a wide offering of area photometric distributions to provide superior illumination in a variety of applications. Options include a specialized rotated "automotive front row" optic, that will make the merchandise pop in auto-dealership applications.

RSX LED Features:

- Choice of ten optical distributions
- Choice of eight mounting options
- Integral universal mounting bracket mounts onto most any existing mounting holes for easy installation
- Efficacies of up to 150 lumens per watt
- Available with nLight® AIR wireless controls for energy savings and code compliance
- Industry-leading delivery

RSXF LED

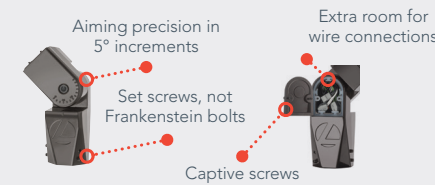
Floodlight Luminaires

Optimized for pole-top floodlighting, the RSXF family of LED floodlights delivers both quality and quantity of illumination these applications demand. The RSXF LED floods are highly configurable offering up to 85,000 lumens, seven different floodlighting distributions with beams ranging from narrow spot to wide flood. A special Area Wide Forward (AWFD) optic is specifically designed for perimeter lighting applications, allowing for maximum spacing and forward throw while maintaining uniformity.



Mounting Configurations

RSXF LED floodlights are available with the industry's best adjustable slipfitter and a variety of other mounting options. Compatible with 2 3/8" O.D. tenons, this robust slipfitter makes installation quick and easy with a spacious integral wiring compartment. Aiming can be adjusted in 5-degree increments and hex socket set screws provide a secure and attractive means of attachment to the tenon.

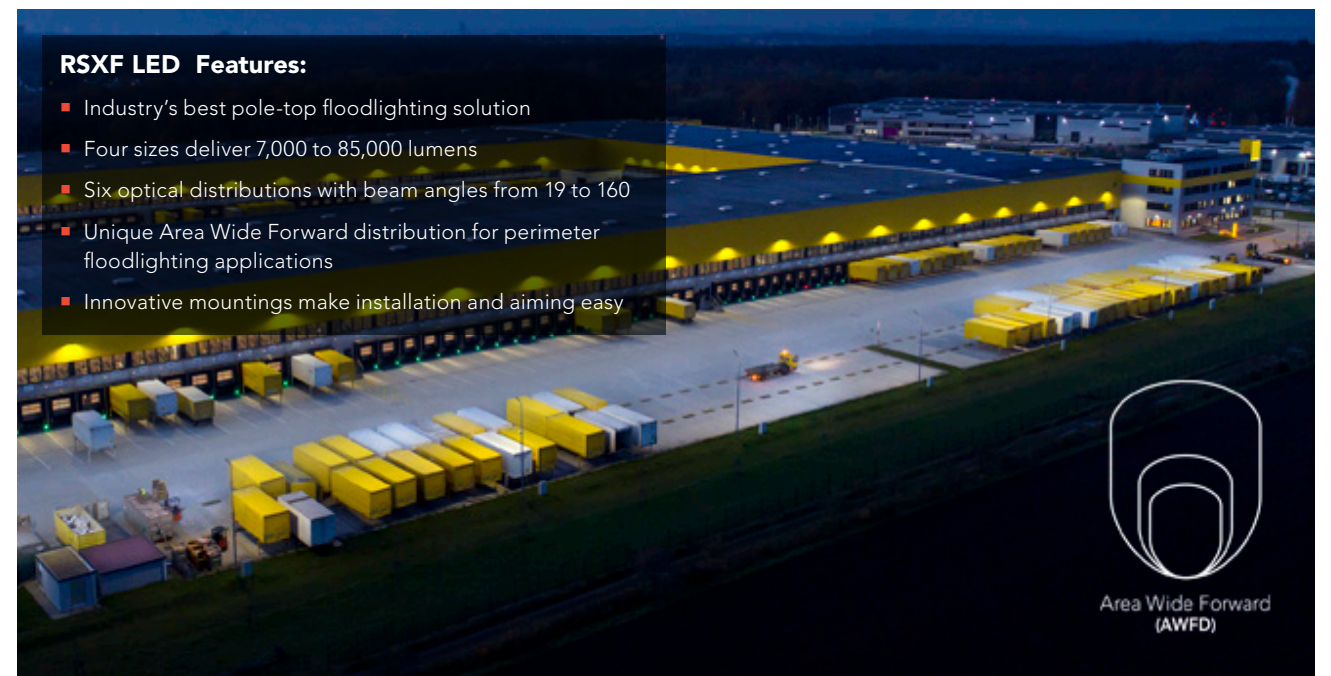


Mountings Designed for the Contractor



RSXF LED Features:

- Industry's best pole-top floodlighting solution
- Four sizes deliver 7,000 to 85,000 lumens
- Six optical distributions with beam angles from 19 to 160
- Unique Area Wide Forward distribution for perimeter floodlighting applications
- Innovative mountings make installation and aiming easy



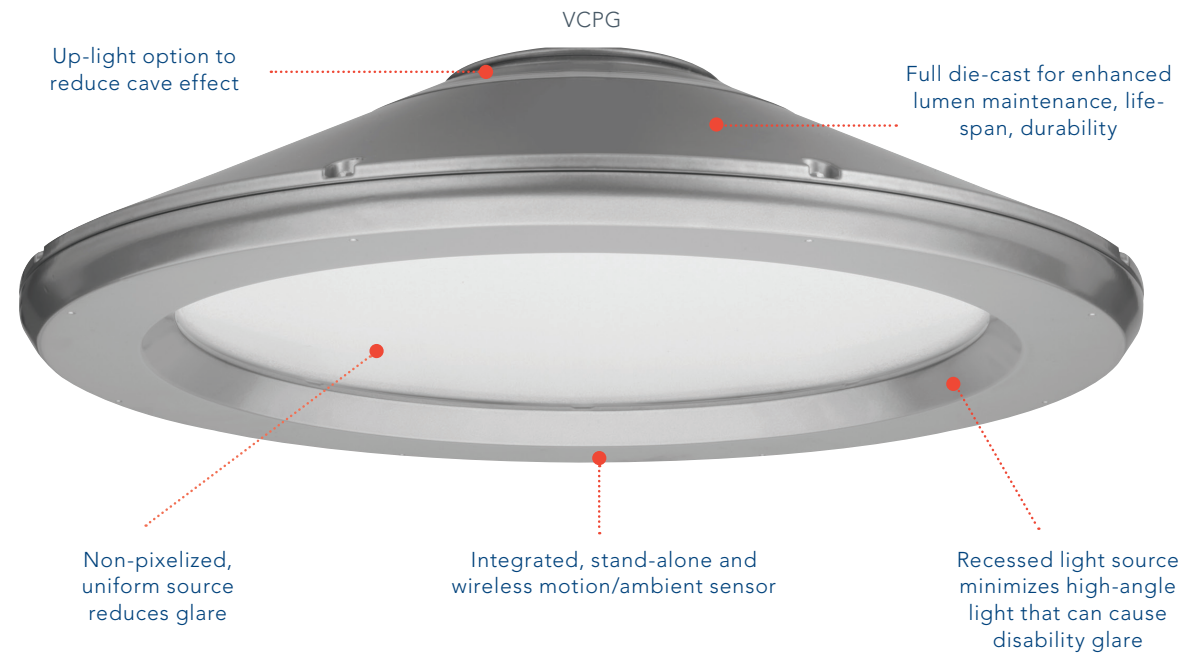
VCPG/VCPGX

Parking Garage Luminaires

The VCPG is the Lithonia Lighting® visually comfortable parking garage lighting solution. The low mounting heights of parking garage applications require wide distributions while limiting high-angle light.



VCPGX



Up-light option to reduce cave effect

VCPG

Full die-cast for enhanced lumen maintenance, life-span, durability

Non-pixelized, uniform source reduces glare

Integrated, stand-alone and wireless motion/ambient sensor

Recessed light source minimizes high-angle light that can cause disability glare



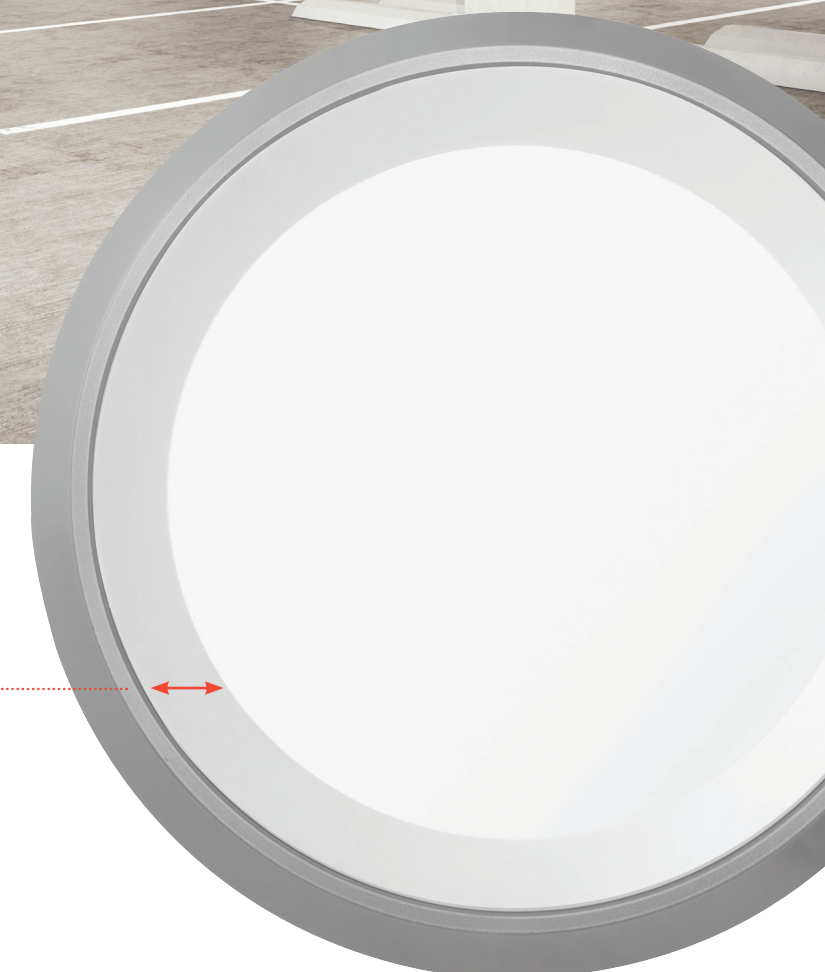
The VCPGX has a deeply recessed waveguide that reduces high-angle light while creating a transition zone that reduces contrast further enhancing visual comfort.

VCPG & VCPGX Features:

- Low-brightness waveguide light source creates a safe and visually comfortable environment for both pedestrians and drivers
- Optics provide a wide light distribution and greater uniformity
- Up to 16,000 lumens allows for one luminaire to be used at various mounting heights throughout the site
- Integrated emergency egress battery back-up options



The VCPG meets these requirements by using a low-brightness wave-guide lens and unique optics that get the light to where it is needed, providing excellent uniformity.





nLight® AIR Wireless Lighting Control

nLight is a networked controls system that employs both wired and wireless technologies to connect office, warehousing, manufacturing, parking garage and parking lot lighting on a single platform. The combination of Lithonia Lighting® outdoor luminaires and nLight® AIR wireless controls creates a site-wide solution that saves energy and aids in meeting the requirements of increasingly stringent energy codes. The low occupancy of most outdoor lighting spaces creates a substantial opportunity. Simply dimming the luminaires to 30% during periods of non-occupancy can easily save 50% in energy in most applications. Lithonia Lighting's wide offering of high efficacy luminaires equipped with embedded nLight AIR controls are ideal solutions for aiding in meeting IECC and California Title 24 requirements for low power density, daylight switching and dimming during periods of non-occupancy.



Key Features:

- Embedded nLight® AIR controls do not require field assembly or additional wiring
- Out-of-the-box motion sensing and dusk-to-dawn photocontrol functionality
- From-the-ground smart phone commissioning with the CIAIRity™ Pro app allows the luminaires to be wirelessly grouped such that all the luminaires in a group return to full power with a single detection event
- Luminaire output can be trimmed to meet the needs of the end-users and neighboring sites
- The addition of an nLight ECLYPSE™ with the AIR adapter creates a site-wide solution and additional functionality such as scheduled dimming with motion sensor over-ride

Visit www.lithonia.com for more information