

D-Series VC

Area Lighting



Change Your Perspective On Comfortable Lighting.

The D-Series family of area luminaires sets a new standard for visually comfortable exterior lighting with a modern daytime and visually comfortable nighttime aesthetic. Visually comfortable lighting is often believed to be achievable only with light diffusion technology, but in fact, that is only the beginning. Advancements in technology coupled with research, past and present, have made it possible to create a visually comfortable experience for area lighting. The result is our new D-Series VC family featuring the Transition Zone. This luminous area surrounding the light source provides a gentle, soothing visual experience, perfect for pedestrian areas, parks and building aprons.

Product Key Features

- Innovative Lithonia Transition Zone
- A recessed luminous surface, to conceal the light source
- High-efficacy light engines using state-of-the art LEDs

- Precision-engineered light engine designed specifically to provide more visual comfort
- Attractive and unique design for both day and night aesthetics
- D-Series VC is available in two sizes for flexible application design
- Comprehensive suite of networked and integrated control options from Acuity Controls



*Research:

1957 Hopkinson, Evaluation of Glare & 2013 Sweater-Hickcox et al. Effect of different Coloured luminous Surrounds on LED discomfort glare perception.

Overview

Is visually comfortable lighting a new idea? No, everyday millions of people desire products that provide the perfect lighting for their individual space, whether indoor or outdoor. How many times have you squinted or covered your eyes due to a light that was too bright? This can be from any source of light...artificial or natural (i.e., the sun). We all want the right light for the right space.

This is certainly a subjective area as everyone perceives light differently. After reviewing research studies* conducted over the past 50 years, as well as conducting our own research, we were able to identify trends to determine what visually comfortable means to the human eye, even with the variances in perception. These discoveries have led to the development of the Lithonia Transition Zone. The Lithonia transition zone is one of the keys to comfortable viewing of the luminaire. It provides stepped luminous surfaces to reduce contrast ratios between the light source and the dark night sky.

Key Technology Highlights

Light Guide Technology

This technology provides a consistent, uniform luminous surface for a clean, comfortable look that is easy on the eyes. There is a general belief that light guide technology is the standard for visually comfortable lighting, but this is only the first step!

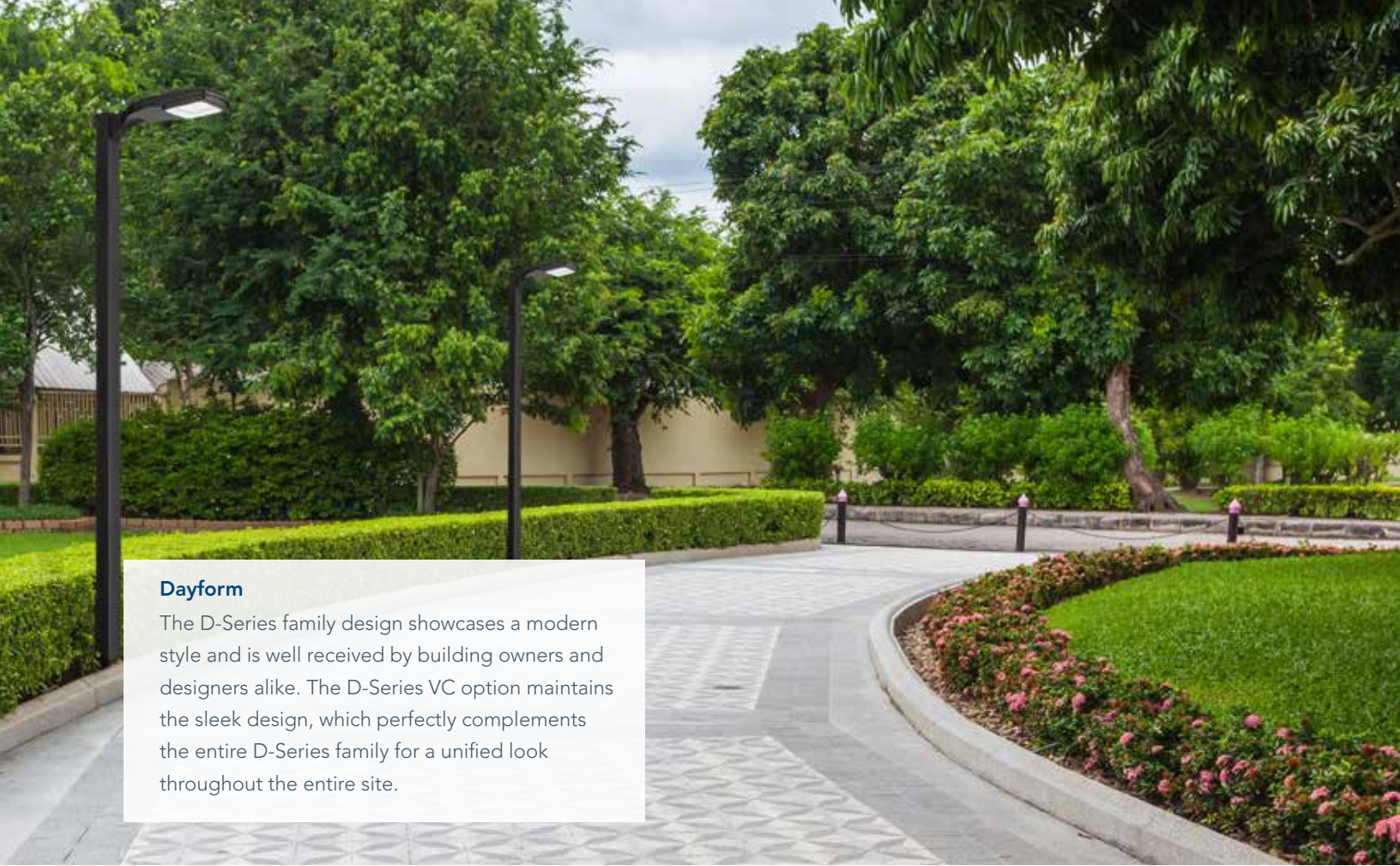
• Lithonia Transition Zone

As one of the key components for a visually comfortable exterior light, the transition zone is the area surrounding the lens that steps down the light level from the LED to the nighttime sky. The transition area reduces the contrast ratios between the very dark night sky and the brightness provided by the luminaire itself.

• Recessed Luminous Surface

The recessed luminous surface eliminates brightness at high angles while still providing uniform illumination in the vicinity of the pole. In layman's terms, the luminaire will have only a subtle hint of light visible from neighboring properties. Walking towards the luminaire will result in slowly increasing brightness until you have the right amount of light underneath. Even looking directly into the luminaire, the uniformly glowing lens results in a visually comfortable experience.





Dayform

The D-Series family design showcases a modern style and is well received by building owners and designers alike. The D-Series VC option maintains the sleek design, which perfectly complements the entire D-Series family for a unified look throughout the entire site.

See The Difference:

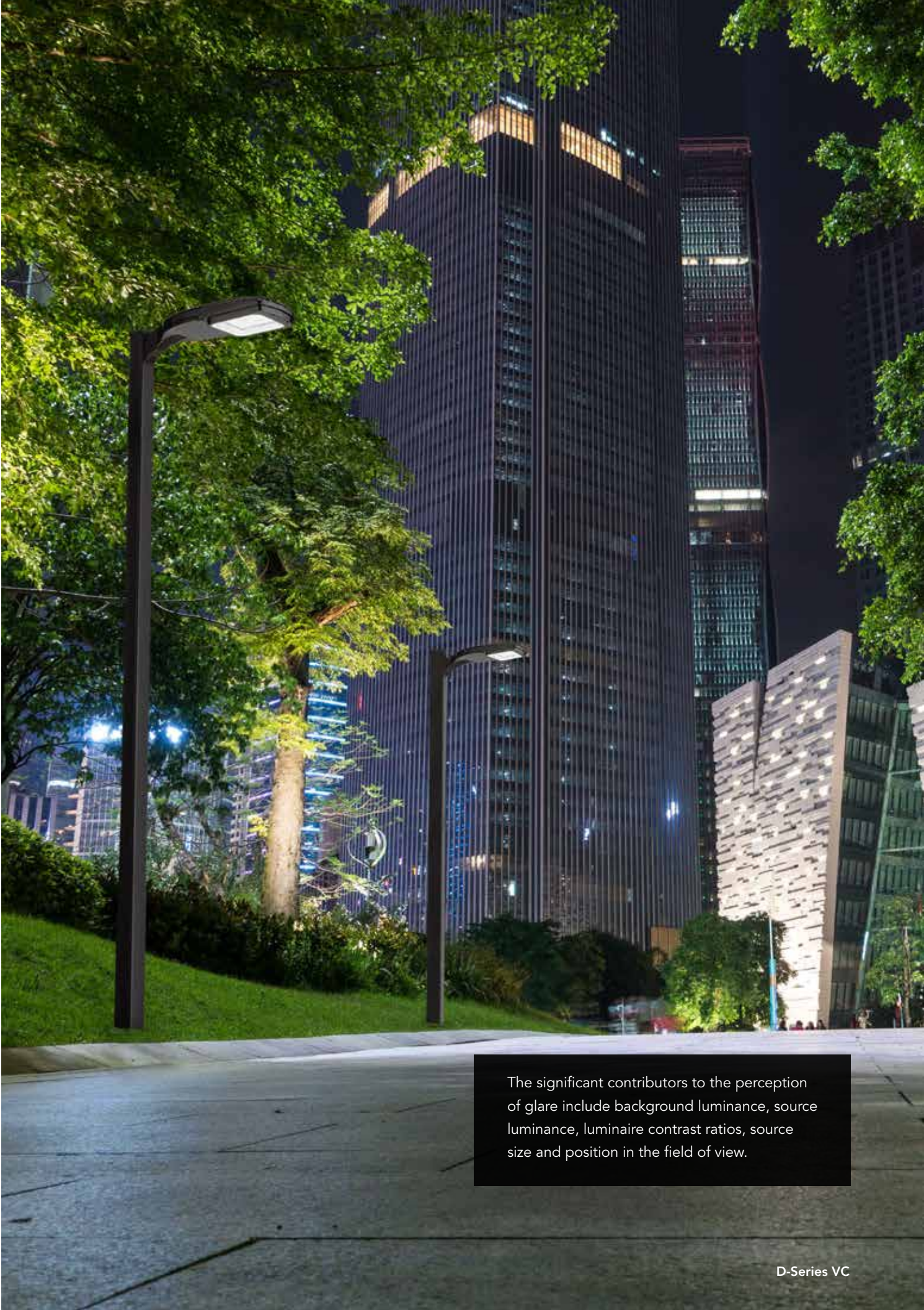
Competitors vs. D-Series VC



Competitors



Lithonia Lighting, D-Series VC



The significant contributors to the perception of glare include background luminance, source luminance, luminaire contrast ratios, source size and position in the field of view.



A+ Capable configurations support A+ Certified Solutions. A+ Certified solutions from Acuity Brands help you quickly and confidently select and implement lighting systems that are both compatible and consistent.

For a lighting application, A+ Certified means a verified consistent color appearance and dimming performance of all the fixtures within the certified solution. For lighting professionals, it means ease, freedom and confidence that all parts of a certified lighting system will operate together.

Go to www.acuitybrands.com/APlus or contact your local Acuity Brands representative for more information.

Visit www.lithonia.com for more information