



RADEAN™

LED Pedestrian Area and Bollard



DESIGN-INSPIRED LANDSCAPE™

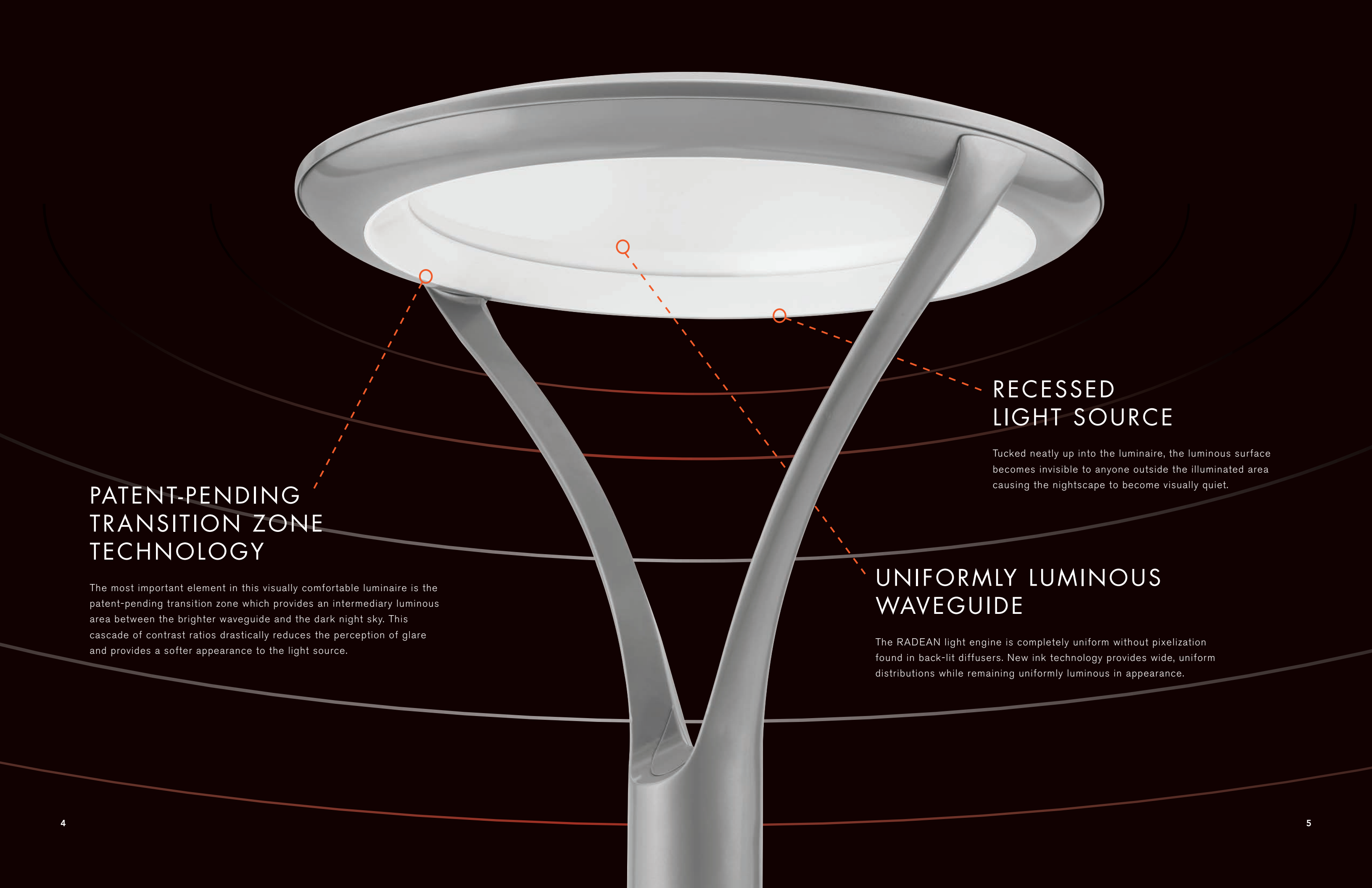
Sculpture by day – beacon of comfort by night, the new RADEAN™ family brings an elegant sense of style to any outdoor pedestrian space. With sleek lines and simple silhouettes, these LED luminaires transform common areas like courtyards, outdoor retail locations, universities and corporate campuses into thriving nighttime environments.



VISUAL COMFORT

Pedestrian-friendly environments demand a unique set of criteria that differs from other outdoor spaces. Driven by lower pole heights, most luminaires fail to provide the visual comfort that people seek. Using cutting-edge lighting technology and a revolutionary new optical ink, the RADEAN waveguide provides smooth, uniform lighting from a surprisingly soft light source.





PATENT-PENDING TRANSITION ZONE TECHNOLOGY

The most important element in this visually comfortable luminaire is the patent-pending transition zone which provides an intermediary luminous area between the brighter waveguide and the dark night sky. This cascade of contrast ratios drastically reduces the perception of glare and provides a softer appearance to the light source.

RECESSED LIGHT SOURCE

Tucked neatly up into the luminaire, the luminous surface becomes invisible to anyone outside the illuminated area causing the nightscape to become visually quiet.

UNIFORMLY LUMINOUS WAVEGUIDE

The RADEAN light engine is completely uniform without pixelization found in back-lit diffusers. New ink technology provides wide, uniform distributions while remaining uniformly luminous in appearance.



AREA LIGHTING

RADEAN POST TOP
RADEAN ARM MOUNT



RADEAN POST TOP

Architecturally-inspired shapes embody the grace and strength of the RADEAN family in the cornerstone Post Top luminaire. The twin copper-core cast aluminum arms support the slender superstructure creating a beautiful sculpture by day which transforms into a beacon of comfort by night. Triangular arms redirect reflections maintaining its visually quiet appearance.



RADEAN ARM MOUNT

The RADEAN Arm Mount is a perfect partner to the Post Top for pedestrian-friendly illumination along sidewalks, property lines, or even wall mounted to buildings. The arm is engineered with a hidden wiring compartment for a clean and sleek marriage with the pole.





DISTRIBUTION

RADEAN area luminaires are available in three different distributions: symmetric for centrally located poles, asymmetrical for perimeter locations, and pathway to maximize pole spacing along sidewalks or pathways. These photometrics provide wide coverage with smooth distributions of light without any striations on the ground.

Rotatable optics assure the correct orientation of light. An integrated house-side shield is available for locations where spill light is unacceptable.



SITE LIGHTING

RADEAN BOLLARD



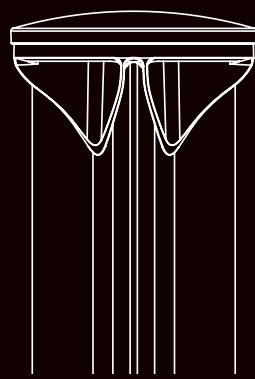
RADEAN BOLLARD

With an award-winning design, the RADEAN Bollard truly captures the imagination allowing nearly unlimited opportunities for the perfect Design-Inspired Landscape™. While creating a cohesive family look, the bollard ties the space together with specific design elements to match the look of the RADEAN Post Top and Arm Mount. With both symmetric and asymmetric distributions, you can put the light where you need it.

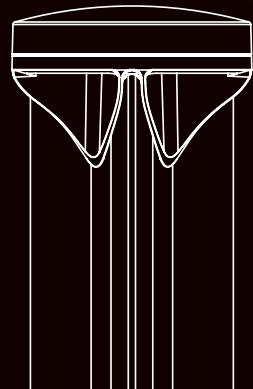
CONFIGURATIONS

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.

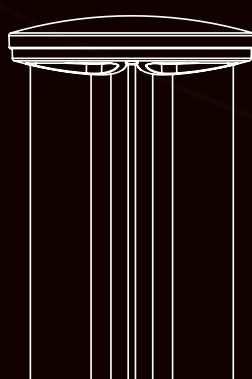
slim top, deep crown



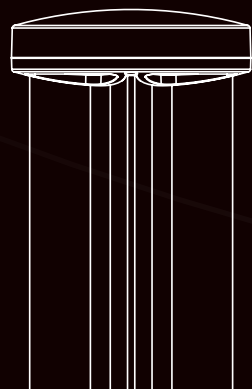
tall top, deep crown



slim top, flat crown



tall top, flat crown



COLOR OPTIONS

The entire RADEAN product family is available in eight standard colors and can be expanded with an additional 219 other architectural colors for a unique design. The RADEAN Bollard can also have different colored tops or crowns to add some flair or match other architectural colors. Matching corporate or university colors is a great way to create a theme or even provide wayfinding through a space.





TECHNICAL
DETAILS

TECHNICAL INFORMATION

Motion Sensor

RADEAN Post Top, Arm Mount and Bollard are all available with a motion sensor that is concealed within the luminaire to eliminate unsightly lenses while still providing tremendous energy savings.

Networked Controls

The RADEAN Post Top and Arm Mount luminaires can also be connected to your nLight AIR® network and groups can be configured from the ground for grouped dimming response.

Warmer Color Palette

The entire RADEAN product family is available in five different color temperatures including the warmer 2700K and 3000K which is required for dark-skies compatibility, in addition to 3500K to match the interior, 4000K or even 5000K for areas requiring a brighter appearance.

Short Lead Times

The RADEAN product is produced in the heartland of the United States and carries a 10-day lead time for most configurations. No longer do you have to wait 6 or 8 weeks to get your product delivered!

DLC* and DLC PREMIUM*

All of the RADEAN Area Luminaires are either on the DLC Standard or Premium Qualified product list with efficacies up to 146 lumens per watt.

* DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at designlights.org/QPL to confirm which versions are qualified.



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