



AXIM

ROUND COLUMN SERIES

 **U.S. ARCHITECTURAL
LIGHTING**

AXIM

Real Photometric Performance

With its PLED optical system, the AXIM series can transition seamlessly from larger area & roadway applications to more human scale, pedestrian applications. With 18 total light distributions, AXIM excels at the principle of light where you need it and none where you don't.



Intro

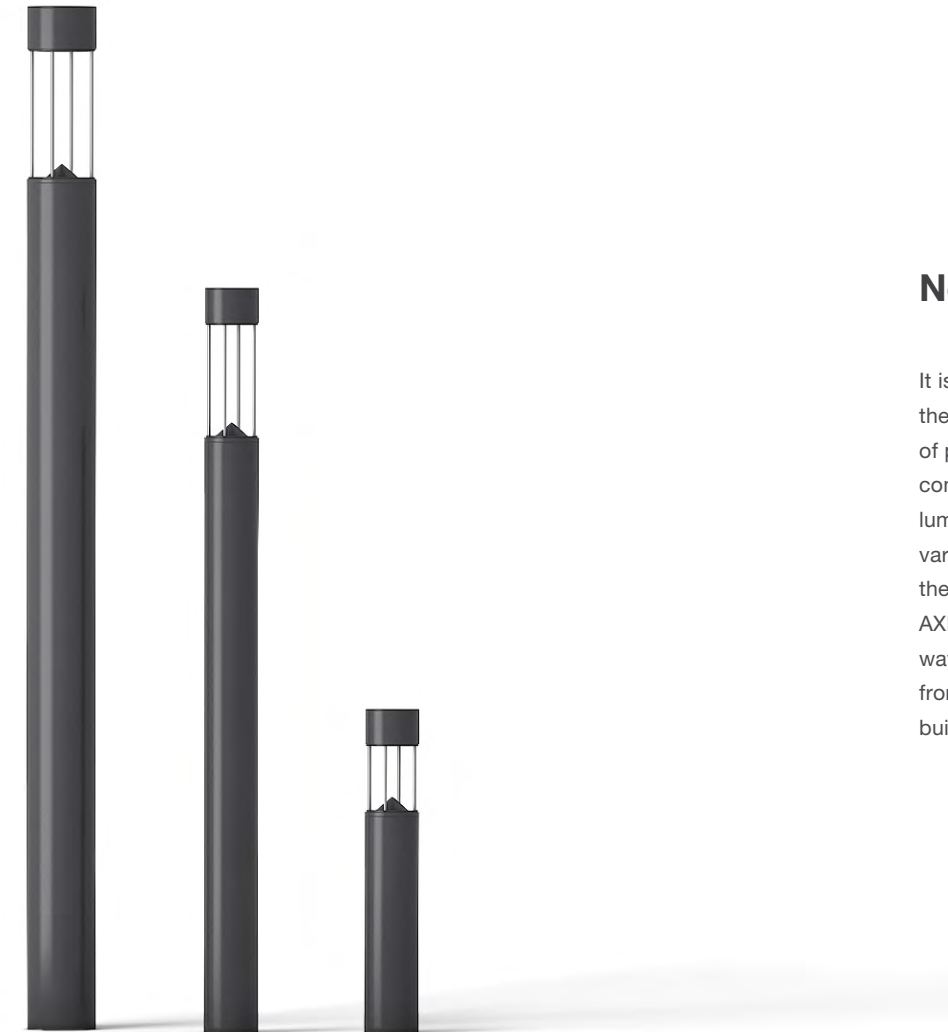
U.S. Architectural Lighting proudly announces the addition of a new category to our extensive line of outdoor lighting products, The Axim Series of Column Lights. This first series offering of clean contemporary round columns offer superior performance and scalability in a familiar form. Column Lights offer a measure of uniqueness that can be used to enhance architectural elements or blend in to allow the architecture to dominate. At night these high-performance columns provide exceptional lighting to create comfortable and secure illuminated outdoor spaces. The Axim Series is highly capable of meeting the needs of many outdoor lighting applications from parks and pathways, entries and courtyards, to small areas and roadways.



MOVING AHEAD THE NEXT STEP IN LIGHTING

New Addition to Our Family

It is with great pleasure that U.S. Architectural Ltg. introduces to you, the first offering of its new Column Lighting category, the AXIM Family of products. The AXIM columns feature contemporary design to complement the architectural compositions of today. This line of luminaires is available in multiple heights from 2 feet to 16 feet, for varying pedestrian scale needs. Multiple diameters are offered to match the perceived weight to height aesthetic proportion expectations. The AXIM product family, composed of 2 column lights, and performance, wayfinding perimeter bollard, appropriately lights an array of spaces, from large, open areas and narrow pathways to landscape beds and building entrances.

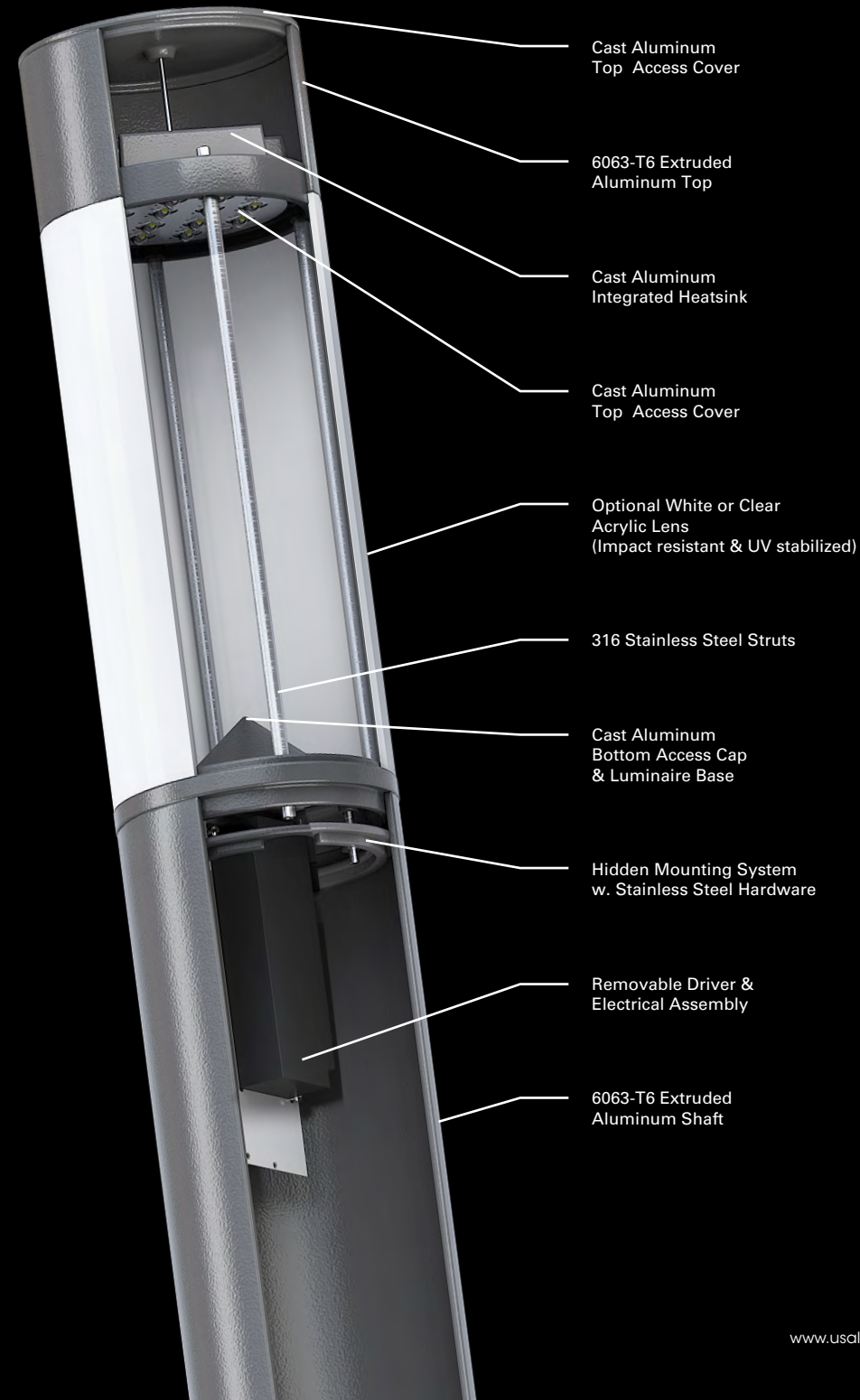


Classic Lines

The AXIM Series is a familiar form presented in a clean contemporary style. The minimalistic appearance is accomplished by maintaining its cylindrical profile from top to bottom with only a break at the luminaire head. Exposed hardware is minimized with hidden luminaire head mounting and internal base anchorage. The standard brushed stainless steel struts accent the column and when lit, makes the top of the luminaire head appear to float. The struts can also be color matched to the body and shaft to produce a more homogenous appearance.

The Axim is provided without a lens as standard, which gives the best performance. An optional clear or white acrylic lens are available to contain the luminaire aperture. White Acrylic can be used to provide a diffused, soft lighting source which minimizes glare.

The Axim Series Columns are built to last of high quality components. Heavy gauge cast and extruded aluminum is used in the base and shaft. All Stainless Steel hardware is used and the 316 Stainless Steel Struts are both highly corrosion resistant and strong. The Columns are finished by first pretreating all components in a 4 state system and applying a Super TGIC powdercoat with maximum hardness and color retention.

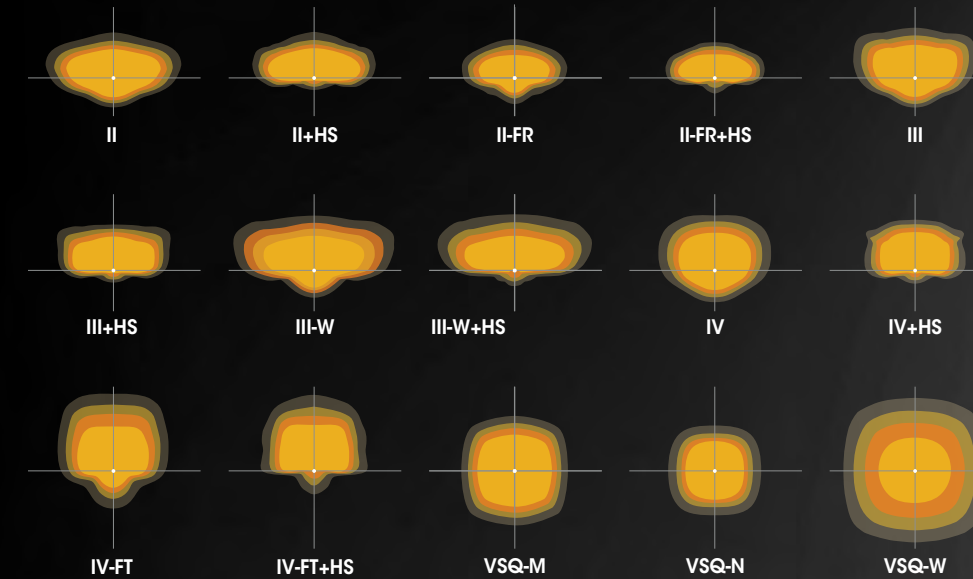


Optical Array

The AXIM Series is built around the superior performance of our PLED optical system. PLED is an outdoor lighting, application based LED optical system. It provides high efficacy and a variety of distributions and shielding for flexibility. PLED provides 18 total distributions for the AXIM Series including high throw optics for better coverage and spacing, shielding to prevent light spill, and diffused, low glare illumination with the White Acrylic Lens option. All of these performance LED optical features allow the Axim Series to excel at a wide variety of applications and make it a great choice to light your project.

Our PLED optical modules are built to IP66 standards to seal them against the outdoors. These modules are mounted to internal heatsinks in the luminaire head for superior heat management and assure years and years of performance with little degradation. All electrical components are easily accessed and protected by a Series Type Surge Suppressor which will fail open so no harmful surges can reach the driver and PLED module.

Open Frame or Clear Acrylic Lens



White Acrylic Lens



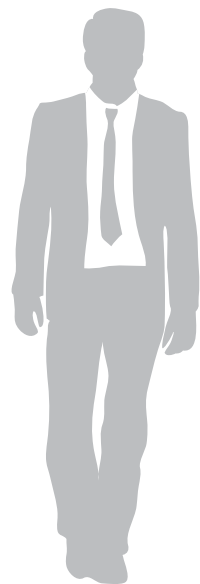
Scalability Redefined

The clean lines of the AXIM Column allow it to blend seamlessly with architecture. It's monolithic form also allows it to stand alone as a minimalist feature or be presented as an accent. In addition to the standard finishes, choose any RAL color for the AXIM to compliment your project.

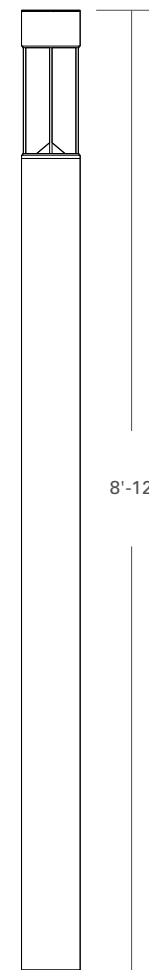
In application, the Axim Series can light everything from smaller parking lots and roadways to more human scale pedestrian applications such as parks, pathways, entries, plazas, and walkways. The AXIM Series has brought the performance of area and roadway applications into the human scale areas with no performance degradation giving you a scalable solution for a multitude of applications.

The AXIM Series Round Columns come in two diameters and height ranges that are suitable for their setting. The smaller 7" Diameter AXMR7 column has standard heights from 8ft to 12ft. It's companion bollard AXMRB comes in standard heights of 36", 42", and 48". The 9" diameter AXIM Column (AXMR9) comes in standard heights ranging from 10ft to 12ft.

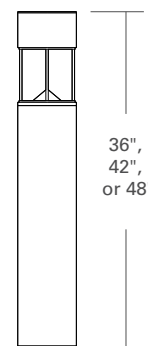
In terms of photometric output, the AXMR7 and AXMRB have wattages ranging from 7 to 40 Watts max and high lumen output ranging from 4800 to 5100 Lumens with a 4000K LED depending on the PLED distribution. The AXMR9 column ranges from 11-66 Watts and 8000 to 8500 max lumens.



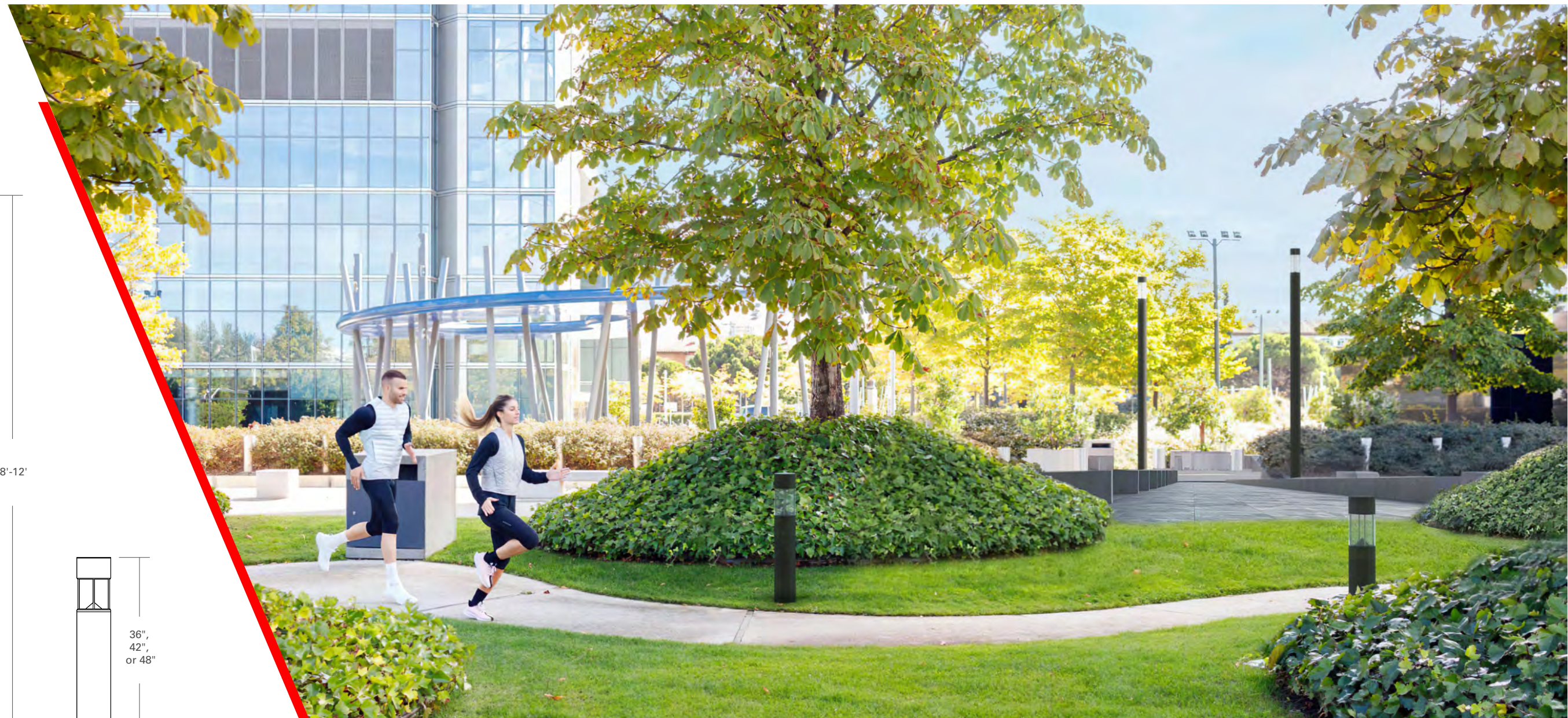
AXMR9
9" Dia.



AXMR7
7" Dia.



AXMRB
7" Dia.



Ordering Information

Spec/Order Example: AXMR7-12/PLED-III/20LED-525mA/40K/UNV/RUST-S/WA/CA

LUMINAIRE	OPTICS	LED	VOLTAGE	FINISH	OPTIONS
AXMR9 (9" Dia.) <input type="checkbox"/> 10' <input type="checkbox"/> 11' <input type="checkbox"/> 12' <input type="checkbox"/> 13' <input type="checkbox"/> 14' <input type="checkbox"/> 15' <input type="checkbox"/> 16' <hr/> AXMR7 (7" Dia.) <input type="checkbox"/> 8' <input type="checkbox"/> 9' <input type="checkbox"/> 10' <input type="checkbox"/> 11' <input type="checkbox"/> 12' <hr/> AXMRB (Bollard) <input type="checkbox"/> 36" <input type="checkbox"/> 42" <input type="checkbox"/> 48" <p>Consult Factory for Custom Heights</p>	PLED™ Distribution Type For No Lens and CA Lens Option: <input type="checkbox"/> PLED-II <input type="checkbox"/> PLED-II-FR <input type="checkbox"/> PLED-III <input type="checkbox"/> PLED-III-W <input type="checkbox"/> PLED-IV <input type="checkbox"/> PLED-IV-FT <input type="checkbox"/> PLED-VSQ-N <input type="checkbox"/> PLED-VSQ-M <input type="checkbox"/> PLED-VSQ-W For WA Lens Option: <input type="checkbox"/> PLED-ASY <input type="checkbox"/> PLED-ASY-HS (Internal HS) <input type="checkbox"/> PLED-SYM	# of LEDs <input type="checkbox"/> 20LED ¹ <hr/> <input type="checkbox"/> 12LED ² Drive Current <input type="checkbox"/> 175mA <input type="checkbox"/> 350mA <input type="checkbox"/> 525mA <input type="checkbox"/> 700mA <input type="checkbox"/> 875mA ³ <input type="checkbox"/> 1050mA ³ Color Temp - CCT <input type="checkbox"/> 27K (2700K) <input type="checkbox"/> 30K (3000K) <input type="checkbox"/> 40K (4000K) <input type="checkbox"/> 50K (5000K) <input type="checkbox"/> TRA True Amber ⁴	<input type="checkbox"/> UNV (120-277) <input type="checkbox"/> 347 <input type="checkbox"/> 480	Standard Textured Finish <input type="checkbox"/> Black RAL-9005-T <input type="checkbox"/> White RAL-9003-T <input type="checkbox"/> Grey RAL-7004-T <input type="checkbox"/> Dark Bronze RAL-8019-T <input type="checkbox"/> Green RAL-6005-T Premium Finishes <input type="checkbox"/> Rust <input type="checkbox"/> Patina Copper PC For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S) Consult factor for custom colors	Lens Options: (No Lens Open Frame is Standard) <input type="checkbox"/> Clear Acrylic CA <input type="checkbox"/> Opal Acrylic WA Strut Options: (Brushed Stainless Steel is Standard) <input type="checkbox"/> Powdercoated Struts (Matched to Shaft) PS Bottom Cap Options: (Conical Cap is Standard) <input type="checkbox"/> Flat Bottom Cap FBC <input type="checkbox"/> Internal House Side Shield incl. LED Count (Example: HS-PLED/48) HS-PLED <input type="checkbox"/> Twist Lock Receptable Only TPR ¹ <input type="checkbox"/> 7-Pin Twist Lock Receptable Only TPR7 ¹ <input type="checkbox"/> High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) HLSW <input type="checkbox"/> Twist Lock Photocell + Voltage (Example: TPC347V) TPC+V ¹ <input type="checkbox"/> Single Fuse (Example: DF277V) SF+V <input type="checkbox"/> Double Fuse (Example: DF240V) DF+V <input type="checkbox"/> Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75ic) MS-F311 ¹ NOTE: 1 - Available in AXMR9 and AXMR7 only
		NOTES: 1 - 20LED available in AXMR9 only 2 - 12LED available in AXMR7 & AXMRB only 3 - Available in AXMR9 & AXMR7 only 4 - TRA available in 350mA & 525mA Drive Currents only Consult factory for other CCT, CRI, & Drive Current options			



U.S. Architectural Ltg. will soon be adding to its AXIM line of Column Lighting. So stay tuned!



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