

Modular Columns

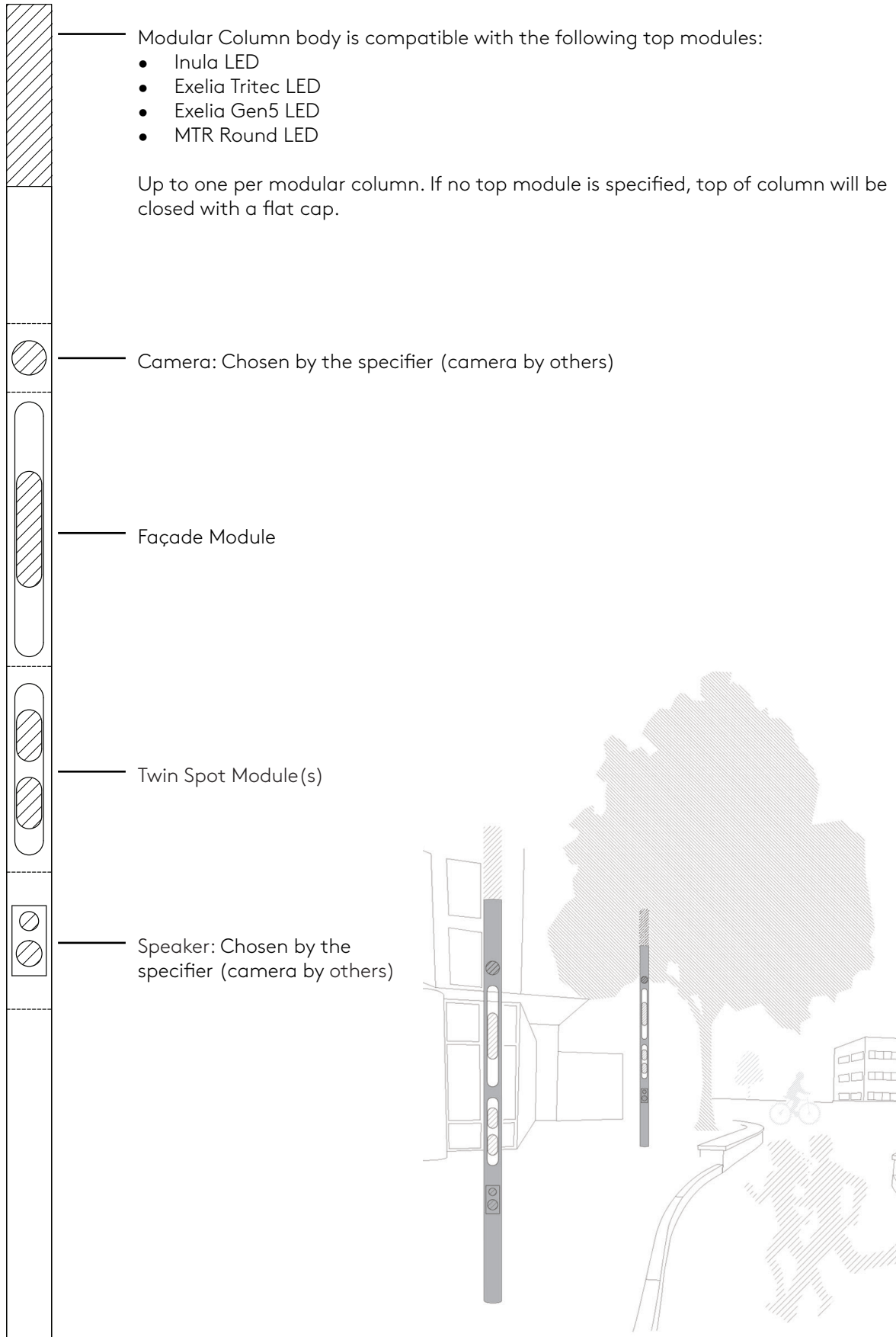
selux

Application Guide



A New Dimension of Versatility

It is amazing how flexible the design of a luminaire can be. For Modular Columns, it is entirely variable in terms of shape and function. Depending on the lighting task and desired design, the Modular Column can be individually configured. There are no bounds to your imagination thanks to a wide range of light modules, various mounting elements and additional components for all aspects of urban applications.



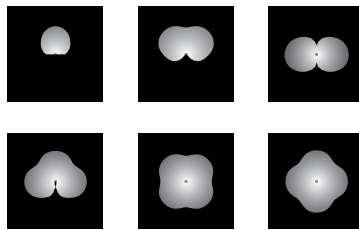
Inula Top Module

The Inula is a sophisticated and environmentally friendly pathway and area luminaire with no uplight. The proprietary optic provides clean lighting patterns with no striations. The Inula column is perfect for providing comfort and security while conserving energy and aiding in green development.



Product Specifications

Light Engine: High-power LED; 80+ CRI
Output: 2,000lm - 12,000lm Nominal
CCT: Amber, 3000K, 4000K, 5000K; 3-Step Binning
Distributions: 1Q, 2Q90, 2Q180, 3Q, 4QS, 4QD



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Exelia Tritec Top Module

The Exelia Tritec is a modern day LED refractor for energy efficient pedestrian pathway lighting. Whether you are illuminating pathways, courtyards, entrances or parks, Exelia provides comfortable vertical illumination for security, while enhancing landscapes and hardscapes.



Product Specifications

Light Engine: Tritec; 80+ CRI
Output: 2,500lm - 9,500lm Nominal
CCT: 3000K, 4000K; 3-Step Binning
Distributions: Symmetric, Asymmetric



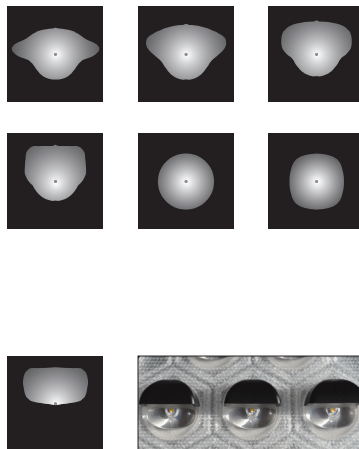
Exelia Gen5 Top Module

The Exelia Gen5 is an attractive, minimalist design pedestrian pathway luminaire, perfect for the designer in need of a column with no uplight, high lumen packages and a large variety of distributions.



Product Specifications

- Light Engine:** Gen5; 80+ CRI
- Output:** 3,000lm - 10,000lm Nominal
- CCT:** 3000K, 4000K; 3-Step Binning
- Distributions:** Type I, Type II, Type III, Type III Wide, Type IV, Type V Round, Type V Square, Type V Rectangular



Type IV house side shield distribution shown as example. House side shields may be used with any shown distribution.



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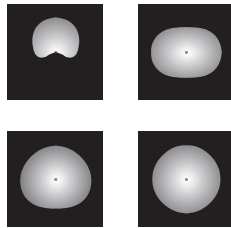
MTR Round Top Module

The MTR Round is a uniquely designed luminaire utilizing a refractor optic that incorporates the light-bending properties of a prism, directing the light precisely where you need it most, reducing glare and enhancing visual comfort.



Product Specifications

Light Engine: High-power LED; 80+ CRI
Output: 1,500lm - 8,500lm Nominal
CCT: 700K, 3000K, 3500K, 4000K,
RGBW (consult factory); 3-Step Binning
Distributions: 1B30, 2B30, 3B30, 4B30
Lit Section: 2ft, 3ft, 4ft
(Nom. Height)



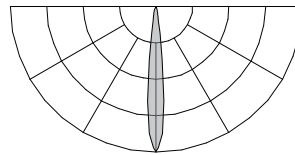


Twin Spot Module

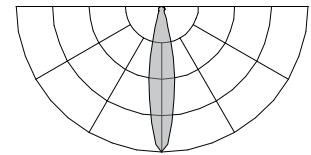
The Twin Spot Module enables the creation of intimate settings or precise spotlighting of important objects, monuments or landmarks. Spot or Medium beam distributions are available, along with a variety of accessories including Honeycomb Louver, Linear Spread Lens, Colored Glass and Diffuse Glass. Use the $\pm 45^\circ$ tilt adjustment or the $\pm 60^\circ$ rotational adjustment for flexible aiming.

Product Specifications

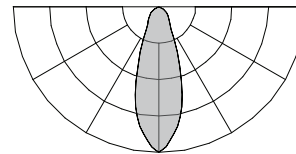
Light Engine:	High-power LED; 80+ CRI
Output:	Up to 3,658lm
CCT:	3000K, 4000K; 3-Step Binning
Distributions:	12° Spot Beam, 24° Medium Beam, 36° Wide Beam
Lens Options:	Horizontal Spread Lens, Vertical Spread Lens, Honey Comb Louver, Blue Lens, Green Lens, Red Lens, Diffused Lens



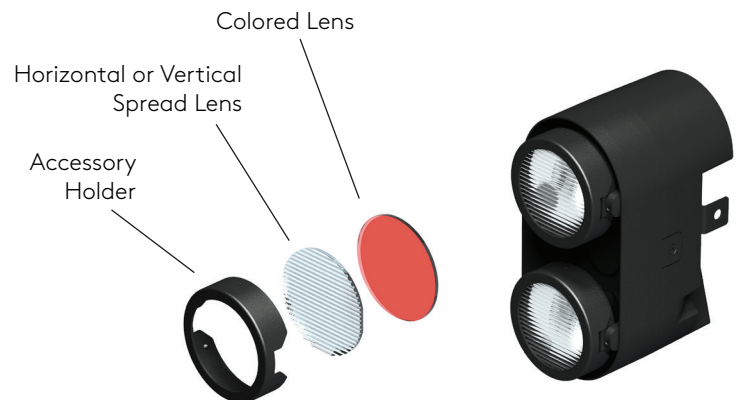
12° Spot Beam
(24° Beam Angle)



24° Medium Beam
(48° Beam Angle)



36° Wide Beam
(72° Beam Angle)



Twin Spot Module: shown with optional Accessory Holder and accessories. Up to two accessories may be used per spotlight.

Façade Module

The Façade Module has been specially developed to ensure precise illumination for all types of architecture. The powerful module guarantees an optimum surface beam rising from minimal light points and uniform illumination of large areas from one location. With twenty different distributions, the Façade Module provides plenty of options for a complete solution.

Product Specifications

Light Engine:	High-power LED; 80+ CRI
Output:	Up to 4,511lm
CCT:	3000K, 4000K; 3-Step Binning
Distributions:	Symmetric, Asymmetric Left,
Beam:	Asymmetric Right
Optic:	Narrow, Wide Medium Upward Offset, Flood Upward Offset, Downward Near, Direct Downward, Parallel Concentrated



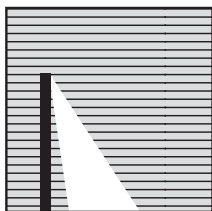
The Façade Module has a visually quiet source luminance as the light is side emitting; the light is aimed at the reflector and redirected as useful illumination.

Façade Modules can be installed as part of a multifunctional column or on their own as a wall mount providing a solution for façade lighting. The integration of different light modules on a single column ensures a pleasant, calming appearance for the surrounding environment.

Façade Module Light Distributions

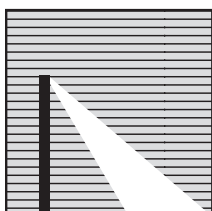
With 20 distributions available, you can provide lighting tailored to almost any type of building facade. Combine more than one Façade Module within a single Modular Column to mix distributions and provide an additional range of possible lighting solutions.

Downward Near



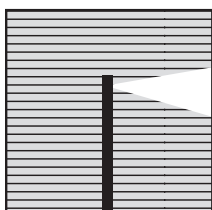
Symmetric
Wide Beam

Direct Downward



Symmetric
Wide Beam

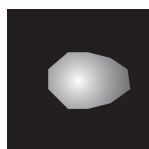
Parallel Concentrated



Symmetric
Narrow Beam



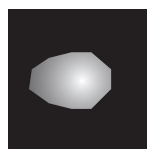
Symmetric
Wide Beam



Asymmetric Right
Narrow Beam



Asymmetric Right
Wide Beam

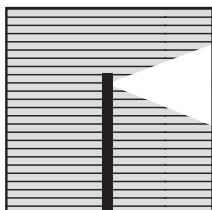


Asymmetric Left
Narrow Beam



Asymmetric Left
Wide Beam

Medium Upward Offset



Symmetric
Narrow Beam



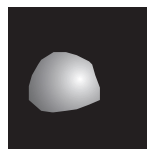
Symmetric
Wide Beam



Asymmetric Right
Narrow Beam



Asymmetric Right
Wide Beam

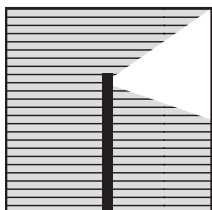


Asymmetric Left
Narrow Beam



Asymmetric Left
Wide Beam

Flood Upward Offset



Symmetric
Narrow Beam



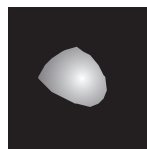
Symmetric
Wide Beam



Asymmetric Right
Narrow Beam



Asymmetric Right
Wide Beam



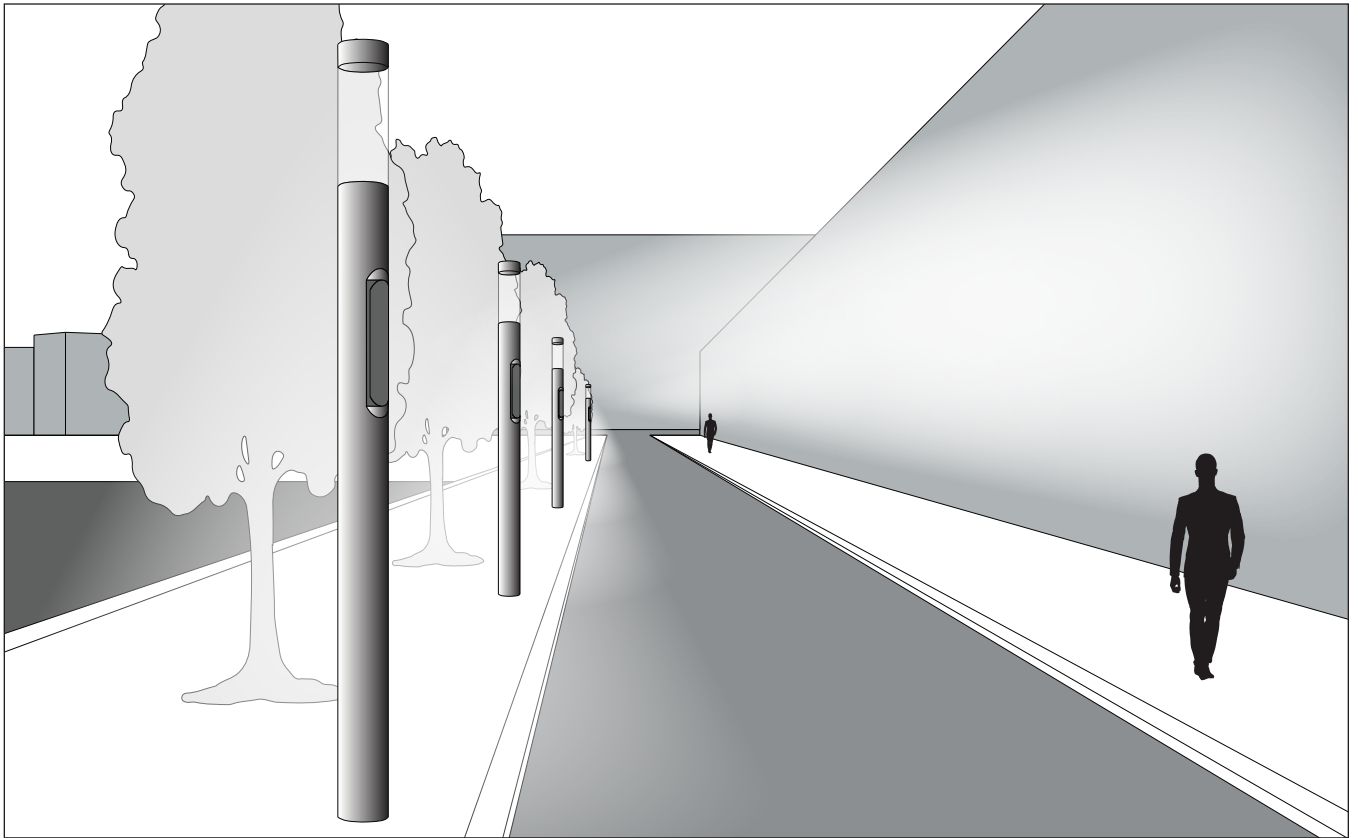
Asymmetric Left
Narrow Beam



Asymmetric Left
Wide Beam

Accentuate Urban Environments

Diverse light distributions enable highly uniform illumination of facades or vertical structures. The LED light is directed by premium quality optics enabling it to be precisely aligned horizontally and vertically to the area being illuminated which prevents unwanted scattered lighting.



Modular Column Design Void

Lighten up the feel of the landscape space even more with our Design Void. Select from two sizes: 36" and 48", and choose to place this design feature almost anywhere in the Modular Column.



Smart Lighting

Smart Lighting by Selux follows the "Connected to Life" principle - rather than an end in itself, technology is closely connected to life and the needs, expectations and potential of human beings. Selux Modular Columns provide an ideal platform for the integration of smart functions and our profound technical understanding enables us to sit down with customers, users and other providers to jointly develop solutions that are tailored to individual situations.

NEMA 7-Pin Receptacle

- Communicates and controls nodes for easy smart city integration

Banner Arms

- Highly visible information, logo(s), or added revenue through advertisement placement

Smart Sensors

- Collects and monitors real time occupancy, light levels, temperatures, climates and energy usage

Facade Module

- Precise illumination for building facades and vertical surfaces

Speakers

- Provides music or communicates alerts and announcements across a lighting network or specific pole

GFCI

- Provide power with receptacle outlets

USB Charging

- Charge cell phones or other electronics

Wireless Network and WAP

- Wi-Fi Hot Spot
- Community security and municipal facilities monitoring
- Geofencing capability

Cameras and Security

- Security monitoring
- Vehicle monitoring
- Panic button

Twin Spot Module

- Adjustable accent lighting

EV Charging Stations

- Electric vehicles
- Electric bike



Lively, Vibrant and Ever-Changing

The Modular Column integrates discretely into all urban settings, innovatively reinterpreting the reduced cylinder form as a basic architectural shape. By day, rather than distracting onlookers, the Modular Column blends into the background yet by night it displays its full effect – with the Modular Column, it is the light that is aligned, not the luminaire. Its modularity enables it to create visual settings for the surrounding area, adapting itself, like no other luminaire before it, flexibly and effortlessly to a diversity of urban lighting tasks.



Place du Peuple, Saint-Étienne, France



The World Trade Center Memorial, New York City, New York
Photo courtesy of Ines Leong Photography

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