lumenpulse™

lumenspoke

Endless Horizons

The Language of Light

Lumenspoke lets its light do the talking without compromising design. Its striking rounded form, sleek minimalism, and modular versatility give you endless horizons of possibilities while delivering efficiency, style, and a quality of light unlike any other. Innovation meets artistry in every beam, creating light that speaks to the urban architectural landscape.

Adaptive Engineering

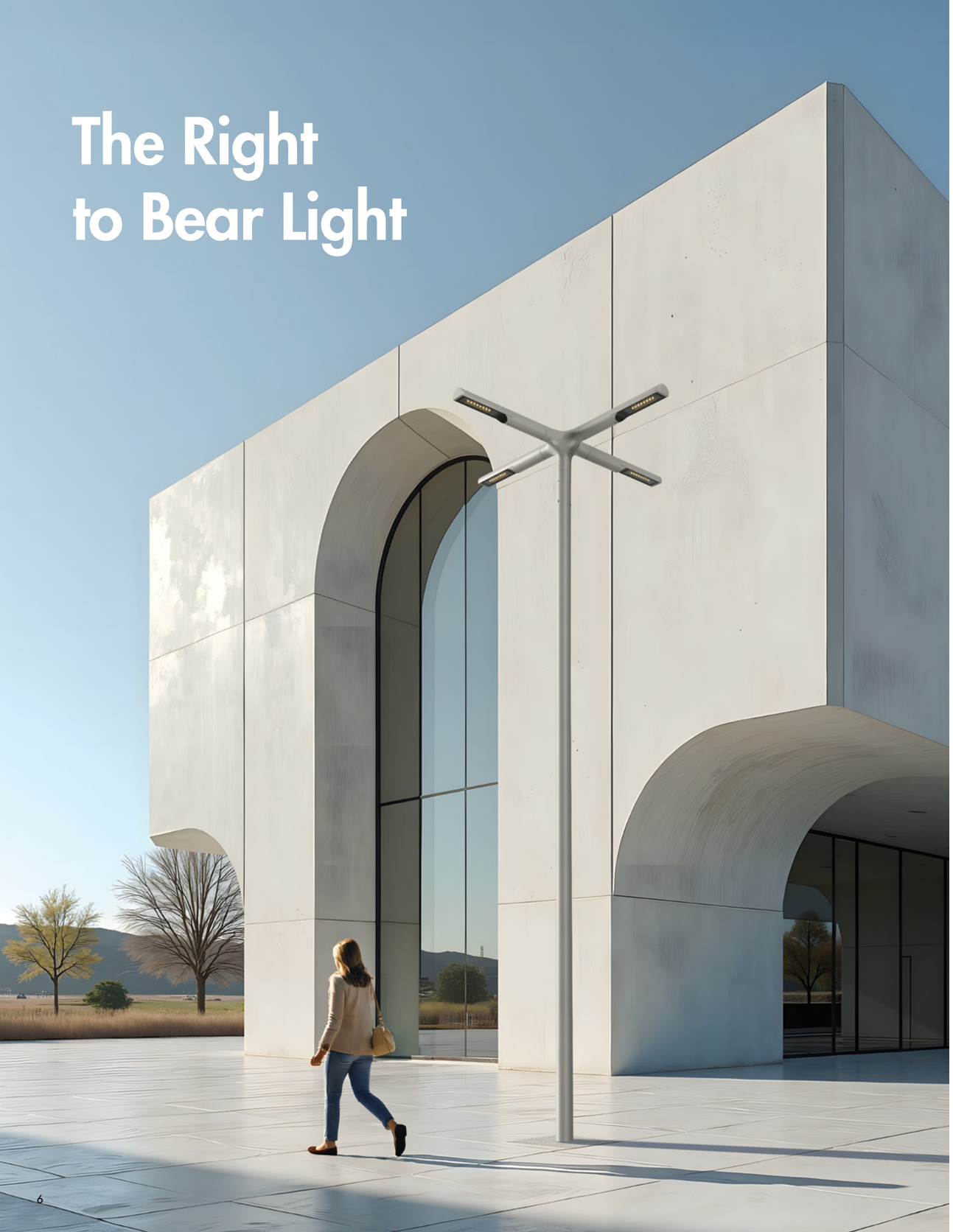
Lumenpulse has never believed in one-size-fits-all lighting. Lumenspoke's flexible modularity allows you to customize, adapt, and tailor these luminaires for a precision fit with your design. Whether you need to dial in distribution, color temperatures, arm styles, endcap styles, finishes, or color rendering, the configurations are as endless as the horizons.

CUSTOM SOLUTIONS

Looking for more than the ample standard options? Learn more about our Atelier LP custom solutions.

LEARN MORE ABOUT ATELIER LP >

The Right to Bear Light



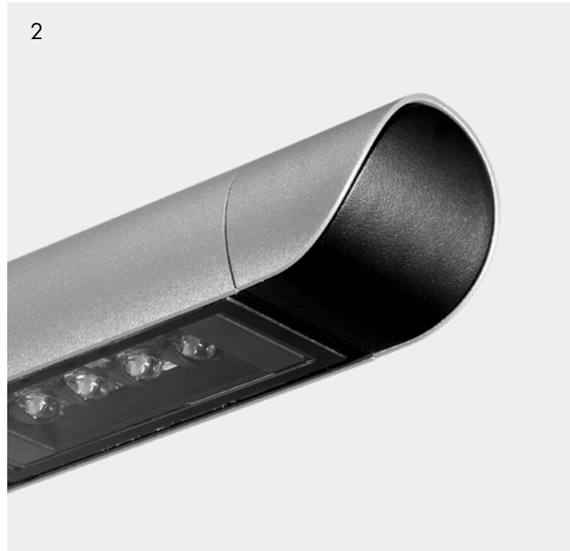
Lumenspoke approaches every design with open arms—literally. With various arm styles and configurations available–Side Mount, Horizontal Side Mount, and Rounded–Lumenspoke has an arm that can reach your design goals while putting light exactly where it's needed.

Side Mount

Rounded Arm

Horizontal Side Mount

*Consult Factory



1. Flat Endcap **(FLT)**
2. Curved Endcap **(CRV)**
3. Cylindrical Endcap **(CYL)**
4. Domed Endcap **(DM)**

No Loose Ends

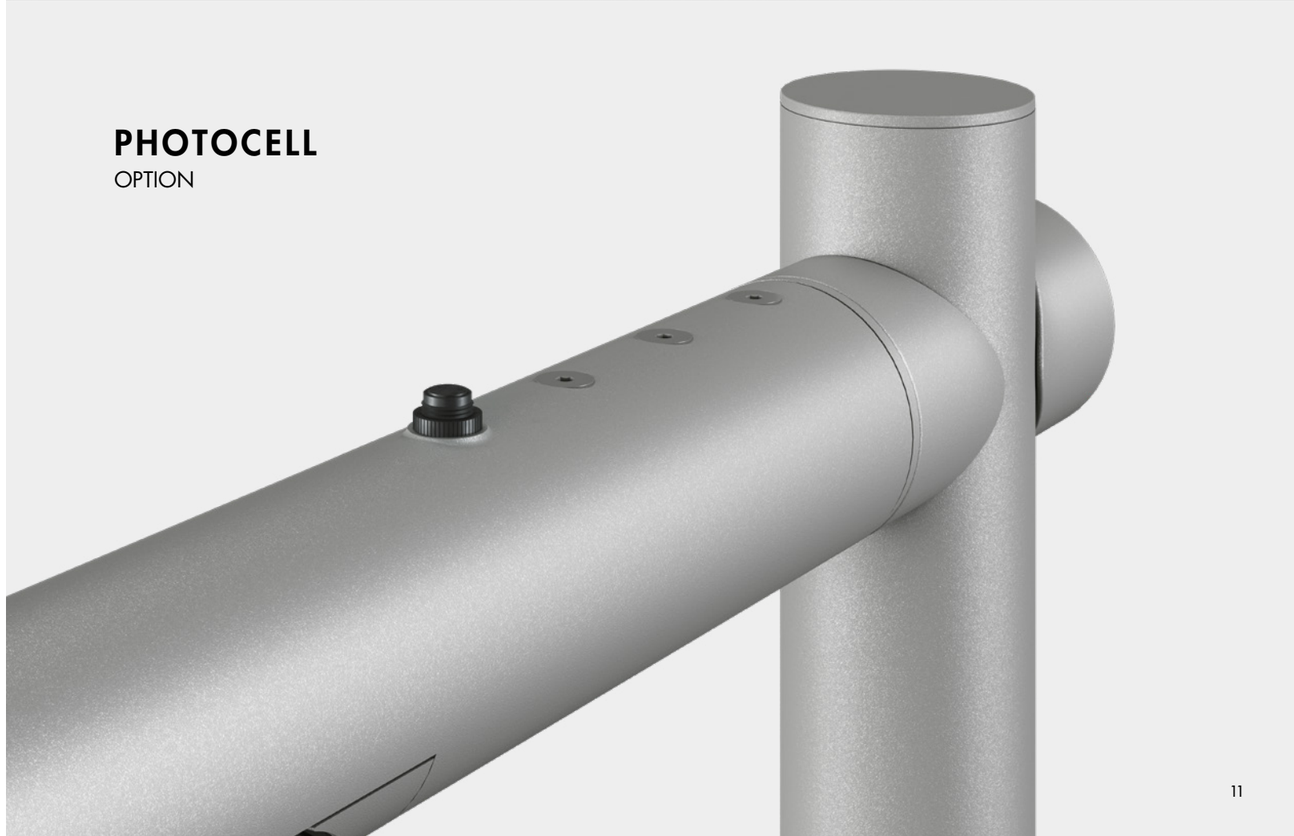
Choose from four styles of endcaps that adapt the Lumenspoke to any environment, arm, or pole style. The fixture's sleek design, with a black optical chamber, creates a seamless, tube-carved aesthetic for a refined urban look; the choice of endcaps only seals the deal on its superior design.

Uncomplicated and Unforgettable

The Lumenspoke is all about the details that elevate design. With hidden screws, a sleek black optical chamber, and seamlessly integrated accessories, every element is crafted for a clean, distraction-free aesthetic. The result? A refined, minimalist luminaire that keeps the focus on flawless illumination.

CHOICE OF
ARM CAP FINISHES

MOTION DETECTOR
OPTION



PHOTOCELL
OPTION

Minimal Form.
Maximum Harmony.

Five Lighting Principles for Responsible Outdoor Lighting

The Lumenspoke was designed with the core principles of responsible outdoor lighting at its foundation—minimizing glare, reducing light trespass, and preserving the night sky. Fully **DarkSky Approved**, it embodies thoughtful engineering that respects both people and place.

01 Useful

Use light only if it is needed. All light should have a clear purpose. Consider how the use of light will impact the area, including wildlife and their habitats.

02 Targeted

Direct light so it falls only where it is needed. Use shielding and careful aiming to target the direction of the light beam so that it points downward and does not spill beyond where it is needed.

03 Low Level

Light should be no brighter than necessary. Use the lowest light level required. Be mindful of surface conditions, as some surfaces may reflect more light into the night sky than intended.

04 Controlled

Use light only if it is needed. Use controls such as timers or motion detectors to ensure that light is available when it is needed, dimmed when possible, and turned off when not needed.

05 Warm-Colored

Use warmer color lights where possible. Limit the amount of shorter wavelength (blue-violet) light to the least amount needed.

DarkSky Approved
Commercial Luminaire

Precision Performance

The Lumenspoke, powered by the efficient Rectilinear Lumencentro engine, delivers up to 14,000 lumens (nominal) and 103 lm/W with precision distributions for streets, sidewalks, and public spaces.

With options like Backlight Shields and Louvers to minimize light trespass, and a wide correlated color temperature offering to help mitigate impact on wildlife, Lumenspoke combines performance, precision, and environmental harmony in one sleek fixture.

Accessorize to Minimize:

The Backlight Shield and Louvers keeps light on the right path.

Honeycomb Louver **(HL)**

Louver **(LV)**

Backlight Shield **(BLS)**

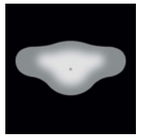
APPLICATION GUIDE

Type II | Type II Backlight Shield | Type III | Type III Backlight Shield | Type IV | Type IV Backlight Shield | Type VS Square

Type II Optics:

PRECISION FOR NARROW SPACES

Optimized for sidewalks, two-lane streets, cycle paths, pathways, and narrow overpasses, Type II optics provide elongated, targeted illumination exactly where it's needed. Designed to enhance visibility and safety in compact urban spaces, this distribution ensures efficient light placement. Ideal for creating well-lit, pedestrian-friendly environments with precision and control.

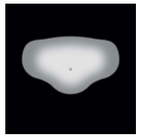


Mounting Type: Single
Mounting Height: 20'
Luminaire(s): Lumenspoke Small, M80 output, 3000K, CRI 70+
Spacing: 130'
Spacing Ratio: 7:1 (Up to 8:1)

Type III Optics:

BALANCED COVERAGE FOR WIDER SPACE

Designed for cycle paths, three-lane streets, parking lots, parks, public spaces, and overpasses, Type III optics deliver a wide, lateral distribution that enhances visibility across broader areas. This distribution ensures even illumination, reducing dark spots while maintaining energy efficiency and optimal light placement. Ideal for urban and recreational environments, Type III optics create safer, more inviting spaces for both pedestrians and vehicles.

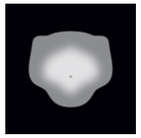


Mounting Type: Dual Back-Back
Mounting Height: 20'
Luminaire(s): Lumenspoke Small, S60 output, 4000K, CRI 70+
Spacing Ratio: 3:1 (Up to 7:1)

Type IV Optics:

DESIGNED FOR HIGH-USE, HIGH-PERFORMANCE SPACES

Perfect for transit hubs, truck zones, parking lots, campuses, parks, collector roads, and public spaces, Type IV optics provide a forward-throw, asymmetrical light distribution that efficiently covers wide areas while reducing glare and light spill. This precision-focused design enhances visibility and safety in spaces where both pedestrian and vehicle traffic intersect. With optimized light placement, Type IV optics create well-lit, functional environments that balance performance, efficiency, and comfort.



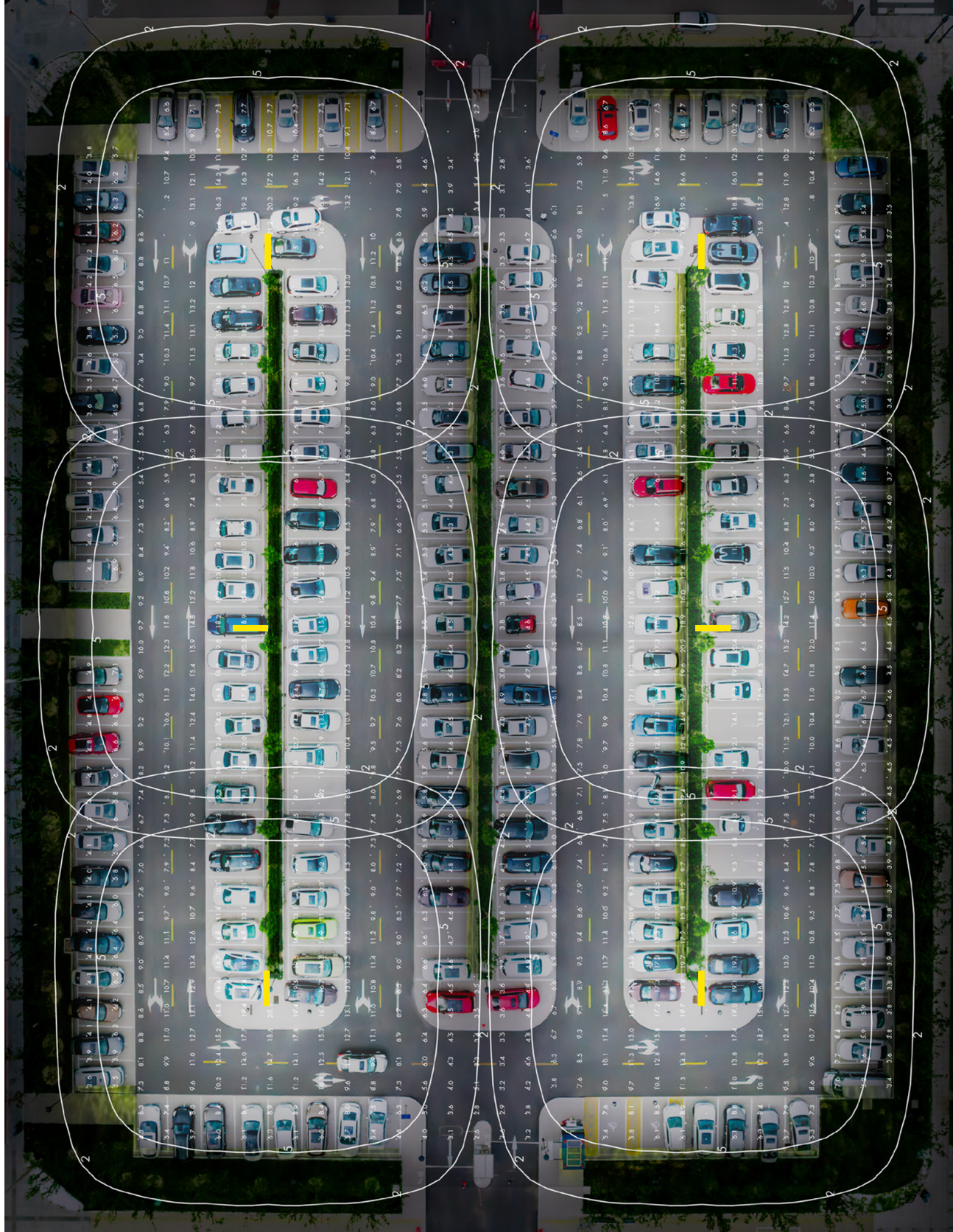
Mounting Type: Single
Mounting Height: 15'
Luminaire(s): Lumenspoke Small, L120 output, 2700K, CRI90+
Spacing Ratio: Up to 6:1

Type VS Optics:

UNIFORM ILLUMINATION FOR OPEN SPACES

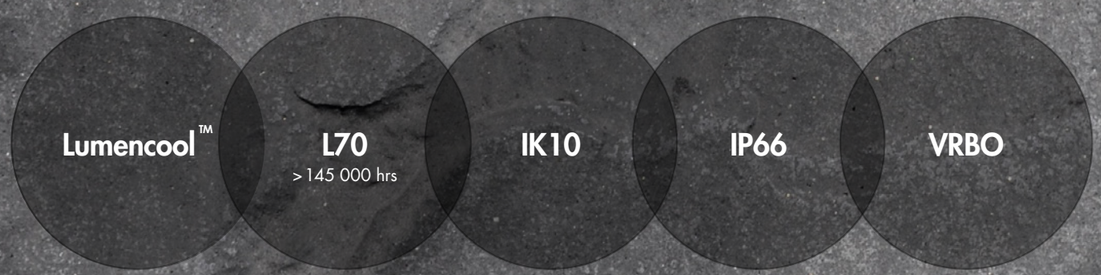
Ideal for large parking lots, esplanades, parks, campuses, schools, and terraces, Type VS optics provide a balanced, 360-degree distribution that evenly lights open areas from a central point. With its symmetrical output, this optic type ensures consistent brightness, minimizing shadows and dark spots for enhanced visibility and safety. Designed for versatility and efficiency, Type VS optics are perfect for creating inviting, well-lit environments in high-traffic communal spaces.

Mounting Type: Single
Mounting Height: 20'
Luminaire(s): Lumenspoke Small, M100 output, 3500K, CRI 80+
Spacing Ratio: 5:1 (Up to 6:1)



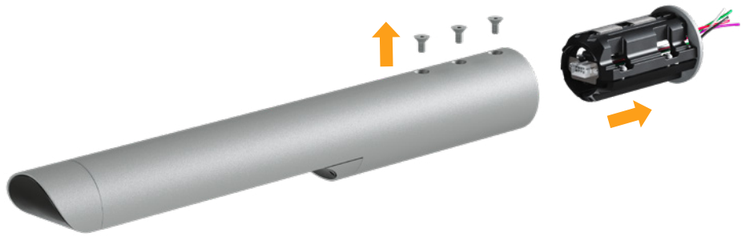
Engineered for Endurance

Designed for durability, Lumenspoke is engineered to withstand the toughest conditions. With an IK06 (lens) and an IK10 (housing) impact rating, IP66, and a robust VRBO vibration rating, long-term performance is ensured in any environment. Field-changeable parts make maintenance easy, while an L70 (> 145 000 hrs) lifespan guarantees lasting efficiency. Reliable, resilient, and ready for the long run.



Smart, Installer-Friendly Design

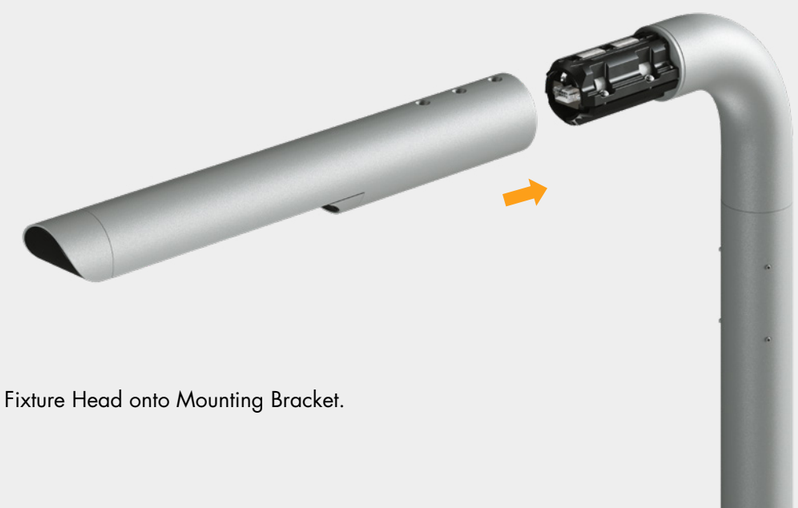
We work closely with industry professionals to design lighting solutions that simplify installation—making it easier, safer, and faster. Lumenspoke features tool-friendly components, multiple mounting options, and control flexibility with dimming and Lumentalk compatibility. Every detail is engineered for real-world efficiency, because smart design starts with the installer in mind.



1.
Remove screws from fixture head to release Mounting Bracket.

2.
Make connections. Slightly loosen the Mounting Bracket screws and place Mounting Bracket onto Pole Arm.

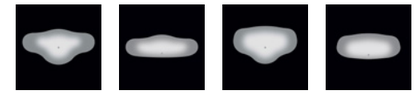
3.
Level Mounting Bracket and tighten screws to secure it to the Pole Arm.



4.
Slide Fixture Head onto Mounting Bracket.

5.
Screw the Fixture Head in place.

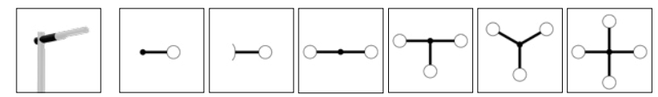
Distributions



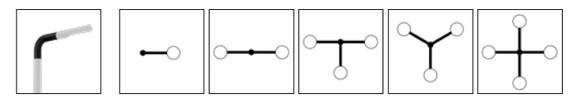
Type II | Type II Backlight Shield | Type III | Type III Backlight Shield

Type IV | Type IV Backlight Shield | Type VS Square

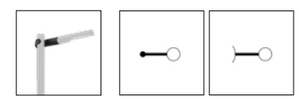
Arm Styles and Configurations



Side Mount | S1E Side Mount | S1X Side Mount | S2E Side Mount | S3E Side Mount | S3Y Side Mount | S4E Side Mount



Rounded Arm | S1E Rounded | S2E Rounded | S3E Rounded | S3Y Rounded | S4E Rounded

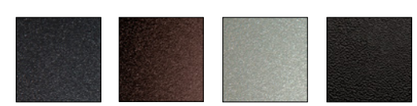


Horizontal Side Mount | S1E Horizontal | S1X Horizontal

Color Temperatures

Amber | 2200K | 2700K | 3000K | 3500K | 4000K

Finishes



Black Sandtex® | Bronze Sandtex® | Silver Sandtex® | Textured Black

Textured Bronze | Textured Grey | Textured Green | Textured White | Custom Color

NOTE: Some exceptions, consult Specification Sheets for details.

Color Rendering

CRI 70+ | CRI 80+ | CRI 90+

Outputs (Nominal)

200lm | 500lm | 700lm | 1000lm | 1500lm
2000lm | 2500lm | 3000lm | 4000lm 6000lm
8000lm | 10000lm | 12000lm 14000lm

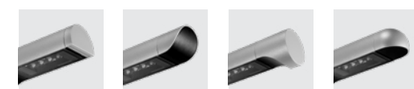
Controls

0-10V | lumentalk

Lens

Clearsite Lens

Endcaps



Flat Endcap | Curved Endcap | Cylindrical Endcap | Domed Endcap

Optical Accessories

Louver | Honeycomb Louver

Other Options

Motion Detector | CRC | Surge Protector
Button Type Photocell | VRBO
3, 5, or 7-PIN Receptacles with Shorting Caps
3, 5, or 7-PIN Receptacles

Certifications and Ratings

cULus | IP66 | IK10 | DarkSky

Key Features at a Glance

Versatile Modularity

- Customizable arms and mounting options
- Multiple sizes and endcaps
- Wide range of colors for tailored design
- One product, many looks

Sleek Minimalism

- Clean, modern aesthetic
- Hidden hardware for a seamless look
- Blends effortlessly into architectural environments

Powerful Performance

- Broad range of light outputs
- Multiple distributions for targeted illumination
- Available in various CCTs and CRIs for precision

Effortless Installation

- Simplified components for installation on industry standard, $2\frac{3}{8}$" tubing
- Faster installation process
- Designed with installers in mind

Sustainable Illumination

- Engineered for high efficiency
- Responsible lighting with reduced environmental impact
- DarkSky Approved

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