

RIVARETO



Modern, energy-efficient square pole for public spaces

RIVARETO is a cost-effective square pole solution developed to enhance visibility and safety in pedestrian areas.

Its modern, streamlined design perfectly integrates into various urban and landscaped environments, such as parks, pedestrian paths, public squares and car parks.

Equipped with high-performance LED technology, RIVARETO delivers uniform, glare-free lighting at ground level, improving visual guidance and pedestrian comfort while maintaining excellent energy efficiency.

Engineered for durability, ease of installation and low maintenance, RIVARETO is the ideal lighting solution for low-height lighting, suitable for both upgrades and new urban development projects.

IP 66

IK 09



Concept

RIVARETO's concept relies on an extruded aluminium body that contains the LED engines and gear components. The body is sealed by two aluminium end caps. It provides a high degree of ingress protection and mechanical resistance - perfect for withstanding urban outdoor conditions, especially in low-height applications.

Its modern yet discreet design is available in two sizes, allowing for the creation of a warm ambience without altering the landscape in which it is installed.

Thanks to cutting-edge LED technology, RIVARETO delivers uniform illumination without glare and light pollution, improving spatial awareness for users while keeping energy consumption low. Its durable materials and low maintenance requirements reduce the need for servicing, especially in places that are difficult to reach.

RIVARETO is a complete square pole solution, providing the luminaire and its dedicated column. It benefits from a tool-free, easy-to-use mounting system. Simply pinch the ends of the fixation, insert the luminaire into its square pole and release. RIVARETO is now securely installed and ready to use.

Depending on the need, connection can be made using quick-on connector or cable gland.



Elegant, discreet design that blends into any urban environment.



Highly-efficient LED technology providing glare-free lighting and high visual comfort.

TYPES OF APPLICATION

- BIKE & PEDESTRIAN PATHS
- RAILWAY STATIONS & METROS
- CAR PARKS
- SQUARES & PEDESTRIAN AREAS

KEY ADVANTAGES

- Contemporary design
- Highly efficient LED light source
- Maximised savings in energy and maintenance costs
- Robust materials
- Excellent visual comfort (no glare)



Cost-effective solution providing low energy consumption while supporting sustainable development.



Supplied with a dedicated square pole, RIVARETO includes a quick, easy-to-use mounting system.

RIVARETO | Mini



RIVARETO | Midi





LensoFlex®2

LensoFlex®2 is based upon the addition principle of photometric distribution. Each LED is associated with a specific PMMA lens that generates the complete photometric distribution of the luminaire. The number of LEDs in combination with the driving current determines the intensity level of the light distribution.

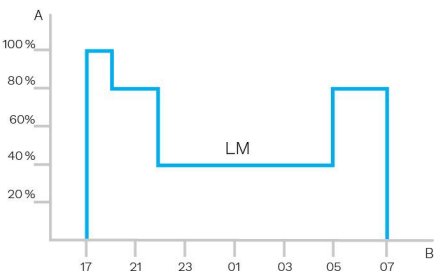




Custom dimming profile

Intelligent luminaire drivers can be programmed with complex dimming profiles. Up to five combinations of time intervals and light levels are possible. This feature does not require any extra wiring.

The period between switching on and switching off is used to activate the preset dimming profile. The customised dimming system generates maximum energy savings while respecting the required lighting levels and uniformity throughout the night.



A. Dimming level | B. Time

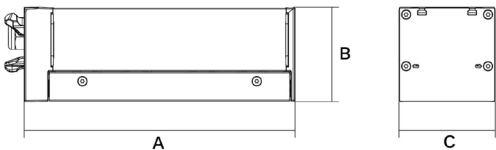
GENERAL INFORMATION	
Circle Light label	Score between 60 and 90 - The product meets most of circular economy requirements
CE mark	Yes
ENEC certified	Yes
UKCA marking	Yes
Testing standard	EN 60598-1 EN 60598-2-1 EN 62262 IEC 62722-2-1 IEC 62493 IEC 62471
HOUSING AND FINISH	
Housing	Aluminium
Optic	PMMA
Protector	Tempered glass
Tightness level	IP 66
Impact resistance	IK 09
Vibration test	Compliant with modified IEC 68-2-6 (0.5G)
OPERATING CONDITIONS	
Operating temperature range (Ta)	-30°C up to +55°C / -22°F up to 131°F with wind effect
· Depending on the luminaire configuration. For more details, please contact us.	

ELECTRICAL INFORMATION	
Electrical class	Class I EU, Class II EU
Nominal voltage	220-240V – 50-60Hz
Surge protection options (kV)	10
Control protocol(s)	DALI
Control options	Bi-power, Custom dimming profile
OPTICAL INFORMATION	
LED colour temperature	2700K (Warm White WW 727) 3000K (Warm White WW 730) 3000K (Warm White WW 830) 4000K (Neutral White NW 740)
Colour rendering index (CRI)	>70 (Warm White WW 727) >70 (Warm White WW 730) >80 (Warm White WW 830) >70 (Neutral White NW 740)
ULOR	0%
ULR	0%
· ULOR 0% only for flat glass version.	
· ULOR may be different according to the configuration. Please consult us.	
LIFETIME OF THE LEDS @ TQ 25°C	
All configurations	100,000h - L95
· Lifetime may be different according to the size/configurations. Please consult us.	

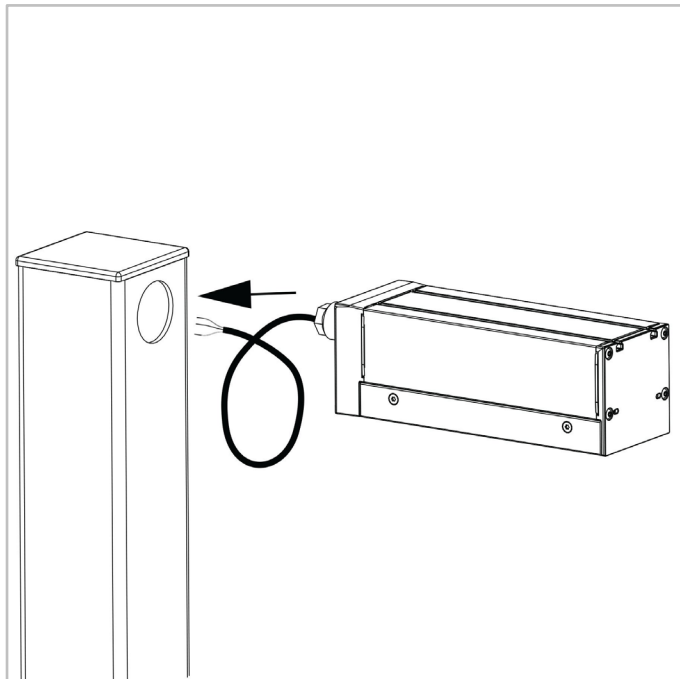
DIMENSIONS AND MOUNTING

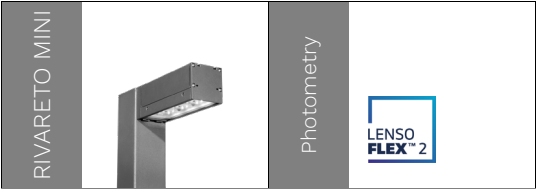
Ax B x C (mm inch)	RIVARETO MINI : 258x91x89 10.2x3.6x3.5
	RIVARETO MIDI : 421x91x89 16.6x3.6x3.5
Weight (kg lbs)	RIVARETO MINI : 2.3 5.1
	RIVARETO MIDI : 3.7 8.1
Aerodynamic resistance (CxS)	RIVARETO MINI : 0.03
	RIVARETO MIDI : 0.04
Mounting possibilities	On a dedicated range of poles/brackets

· For more information about mounting possibilities, please consult the installation sheet.



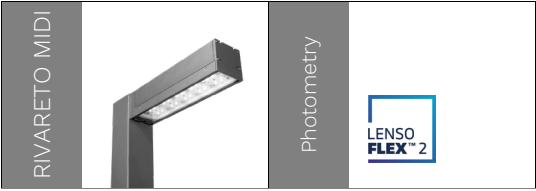
RIVARETO | Complete square pole bollard system with quick, tool-free installation





		Luminaire output flux (lm)								Power consumption (W)		Luminaire efficacy (lm/W)
		Warm White WW 727		Warm White WW 730		Warm White WW 830		Neutral White NW 740				
Number of LEDs	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Up to	
12	800	4300	800	4600	700	4100	900	5000	8	40	149	

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %



Luminaire output flux (lm)									Power consumption (W)		Luminaire efficacy (lm/W)
Warm White WW 727		Warm White WW 730		Warm White WW 830		Neutral White NW 740					
Number of LEDs	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Up to
20	1300	7200	1400	7700	1200	6700	1500	8300	13	64	158

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

