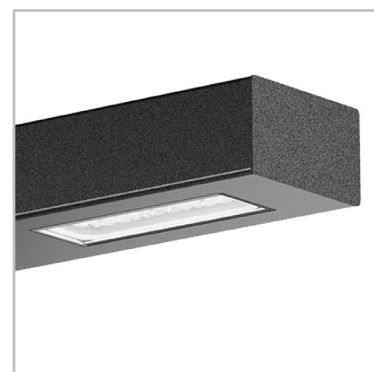


# RIVARA GEN2



**The ideal combination of a pure, distinctive design with the latest LED technology**

RIVARA GEN2 is a contemporary urban lighting luminaire distinguished by its refined, minimalist design. Its clean silhouette integrates seamlessly into a wide range of urban settings, offering the latest in energy-efficient LED technology. Delivering uniform, effective illumination with low energy consumption, RIVARA GEN2 is suited to a variety of applications. Available in single or double bracket configurations, it provides design flexibility to meet the specific needs of each project. RIVARA GEN2 combines aesthetics and performance, enhancing public spaces with a modern, welcoming atmosphere, day and night.



IP 66

IK 09



## Concept

Made of painted galvanised steel, the RIVARA GEN2's body and dedicated poles provide a strong mechanical design while offering elegant and contemporary linear shapes that blend into any urban environment.

RIVARA GEN2 integrates the highly efficient LensoFlex® photometric engines, available with a wide range of light distributions, so you can tailor your lighting solution to the various needs of typical urban applications such as squares, narrow streets, pedestrian areas and residential districts.

RIVARA GEN2 is a complete lighting solution, delivered with its rectangular pole (available in various heights), which simplifies ordering and installation. This urban luminaire also offers different configurations – single or double – thanks to its dedicated mounting brackets.

The pure design of RIVARA GEN2 is complemented by the significant advantages of LED technology: low power consumption, perfect light distribution control, long-lasting performance and dimming options.



RIVARA GEN2 features a sleek, modern design that blends effortlessly into any urban environment.



Delivered with a dedicated rectangular pole, RIVARA GEN2 simplifies specification and installation.

## TYPES OF APPLICATION

- URBAN & RESIDENTIAL STREETS
- BRIDGES
- BIKE & PEDESTRIAN PATHS
- RAILWAY STATIONS & METROS
- CAR PARKS
- SQUARES & PEDESTRIAN AREAS

## KEY ADVANTAGES

- Contemporary design
- Maximised savings in energy and maintenance costs
- Highly efficient LED light source
- Robust materials



Equipped with advanced LED technology for uniform lighting and reduced energy consumption.



Available with single or double brackets to suit various project requirements.

RIVARA GEN2 | On pole – single bracket



RIVARA GEN2 | On pole – double bracket





## 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.

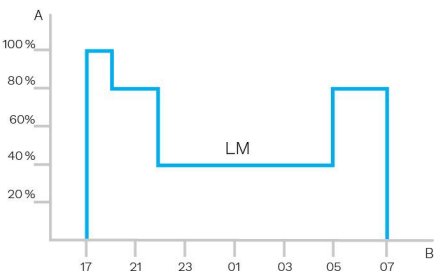




Custom dimming profile

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	Galvanised steel
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
Electromagnetic compatibility (EMC)	EN 55015 / EN 61000-3-2 / EN 61000-3-3 / EN 61547
Control protocol(s)	DALI
Control options	Bi-power, Custom dimming profile

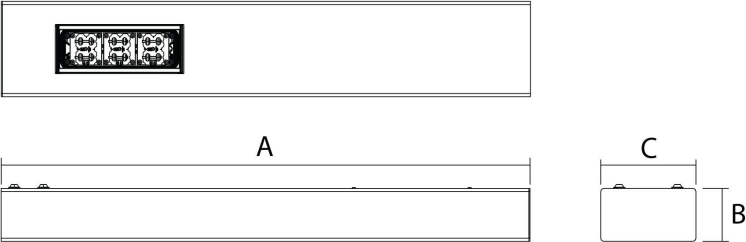
OPTICAL INFORMATION	
LED colour temperature	2700K (Warm White WW 727) 3000K (Warm White WW 830) 4000K (Neutral White NW 740)
Colour rendering index (CRI)	>70 (Warm White WW 727) >80 (Warm White WW 830) >70 (Neutral White NW 740)
ULOR	0%
ULR	0%
· ULOR may be different according to the configuration. Please consult us. · ULR 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.	

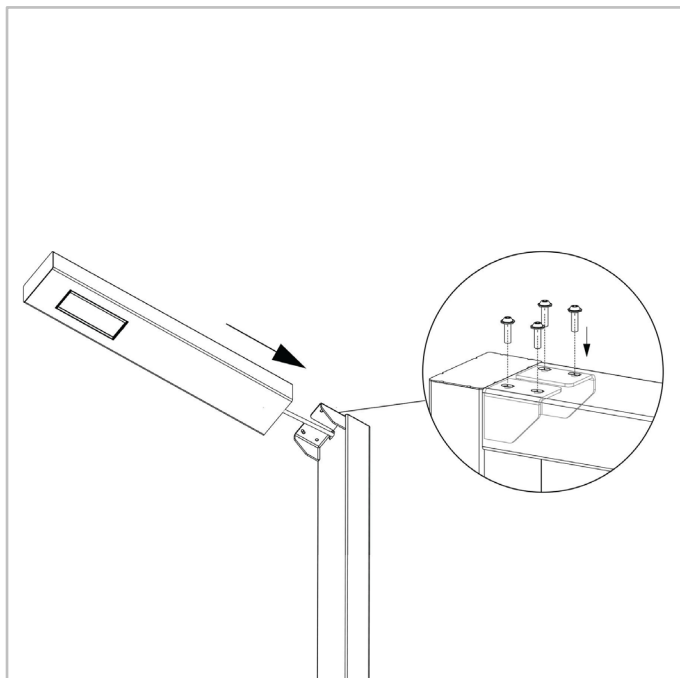
DIMENSIONS AND MOUNTING

AxBxC (mm   inch)	RIVARA GEN2 MIDI : 1000x100x180   39.4x3.9x7.1
Weight (kg   lbs)	RIVARA GEN2 MIDI : 15.2   33.3
Aerodynamic resistance (CxS)	RIVARA GEN2 MIDI : 0.02
Mounting possibilities	On a dedicated range of poles/brackets

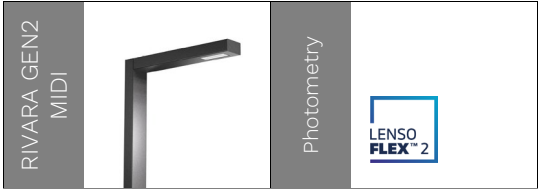
· For more information about mounting possibilities, please consult the installation sheet.



## RIVARA GEN2 | Pole mounting (single or double bracket available)







		Luminaire output flux (lm)						Power consumption (W)		Luminaire efficacy (lm/W)
		Warm White WW 727		Warm White WW 830		Neutral White NW 740				
Number of LEDs	Min	Max	Min	Max	Min	Max	Min	Max	Up to	
12	800	4300	700	4100	900	5000	8	40	149	
20	1300	6600	1200	6200	1500	7700	13	57	158	

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

