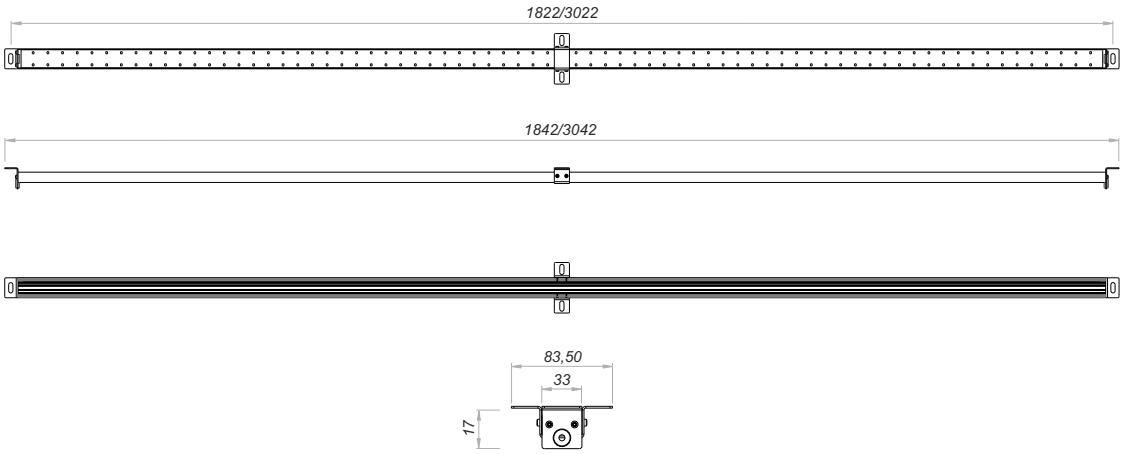
PRODUCT SHEET

BladeWaterLed

INNOVATION, EFFICIENCY & ENERGY SAVING



MAIN CHARACTERISTICS

Applications	Safety or tunnel signaling lighting for water blades in case of emergency.
Color	Gray
Material	Anodized extruded aluminum body
Protective shield	Resin coating
Standard dimensions	1800mm x 32mm x 17mm 3000mm x 32mm x 17mm
Weight	Max 1.5 Kg (1800mm) Max 3.0 Kg (3000mm)
Protection degree	IP 66
Insulation class	SELV
Mounting	Suspension, ceiling or wall
N° LED	144 LED dim. 1800mm 240 LED dim. 3000mm
LED Efficacy(1)	61 lm/W - @ 150 mA, T_J = 25 °C
Rated voltage	Max 48VDC
Power	Max 6W per meter
Power factor	Cosϕ ≥ 0.9
Operating temperature	-40 / 100* °C

**Tests carried out for 120 hours in Phaenomena laboratories (for external wiring the operating temperature is -40/+75°C)*

IP 66 · lead-free · RoHS · LED Light for you powered by OSRAM CERTIFIED PARTNER

DESCRIPTION

LED lighting fixture used for safety or signaling lighting in tunnels, underpasses, industrial, roads, subways, railways for water blades in case of emergency. The profile is made up of a corrosion-resistant anodized extruded aluminum profile, closed on both sides with caps, the LED module is protected by a two-component resin which acts both as an optical screen and as protection for the LEDs. Resistant profile with IP66 protection rating. Lamp body in insulation class III. Continuous connection via outgoing cable with cable gland. Power supply mounted in the zone panel. LED module composed of an aluminum substrate with high efficiency LEDs. The 24/48VDC constant voltage power supply is wired into the zone panel. Efficiency ≥90% at full load, power factor Cosϕ ≥ 0.9. Certification CE.

Main Reference Standards

EN 60598-1: Luminaires - Part 1: General requirements and tests.
EN 60598-2-3 Special Requirements - Luminaires for Street Lighting
IEC/TR 62778: Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires
EN 55015: Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61000-3-2: Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions.
EN 61000-3-3: Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
EN 61547: Equipment for general lighting purposes - EMC immunity requirements
EN 13032-1: Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 1: Measurement and file format.
UNI 11095:2021: Light and lighting - Road tunnel lighting
UNI EN 16276: Evacuation lighting in road tunnels
CEI 64-20: Electrical installations in road tunnels
Legislative Decree No. 264:2006: Implementation of Directive 2004/54/CE on safety for road and trans-European network tunnels.
Datasheet according to IEC/PAS 62717 - IEC/PAS 62722

MADE IN ITALY

BladeWaterLed

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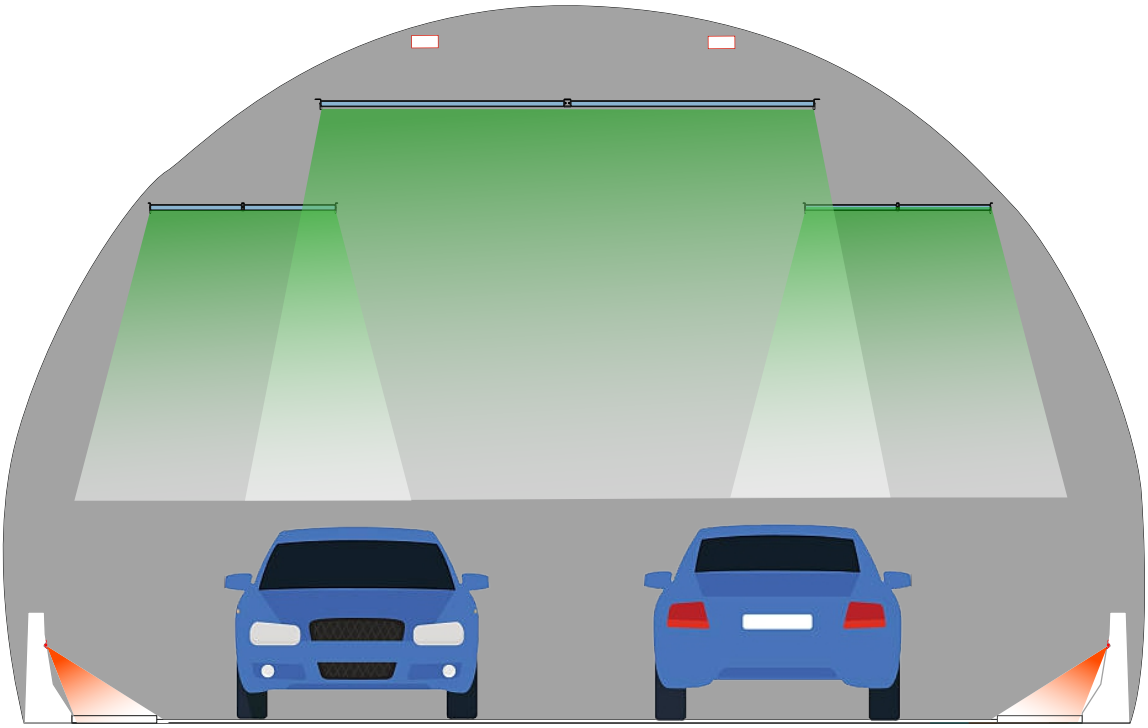

LIGHTING DATA	
Lighting	Emergency lighting on a water blade designed to illuminate and signal the release of jets of water to put out any fires.
LED Color	Green
Luminous Flux Issued	About 1500 lm - dim. 1800mm (146 lm/W)[1] About 2600 lm - dim. 3000mm (146 lm/W)[1]

NOTE: The values indicated in this sheet are nominal, to be considered with a tolerance of +/- 10%.
For the nominal luminous flux, the minimum value emitted by the LED GW PSLM32.UL JT - L2 was considered
[1] Efficiency extrapolated from the LED manufacturer datasheet.

In order to encourage constant updating of its products, Phaenomena reserves the right to make changes without notice.
Errors or omissions excepted. Always make sure you are using the latest version.
The characteristics of the product listed are subject to change and will be confirmed when ordering.