



LOG bollard

Discover how to improve your environment with the power of SIDEis LED lighting fixture



Presentation

LOG bollard lighting fixture is the ideal solution for architectural lighting in outdoor spaces. Designed with advanced technology, it offers grazing light with wide coverage and excellent light distribution, ensuring a perfect balance between aesthetics and functionality.



Product Features

Uniform Grazing Light The latest generation LED technology provides grazing illumination that enhances surfaces and architectural details with a soft and refined effect.

Wide Light Coverage The optimized optical design ensures diffused and homogeneous lighting, reducing shadows and enhancing open spaces.

Efficient Light Distribution The advanced optical system minimizes dispersion and glare, improving visual comfort and energy efficiency.

High-Quality Materials Made with weather-resistant and corrosion-resistant materials, ensuring reliability and durability over time.

Modern and Elegant Design Clean lines and refined finishes make it a visually impactful urban and landscape furnishing element.

Energy Efficiency LED technology ensures low energy consumption, reducing management costs and environmental impact.

Multipower options Available in 11.6W, 12.6W, 15W & 16W.

High performance Lumen output up to 1639 lm with 5 special lighting distribution options.

High life 60,000hrs L70 lifetime reduces maintenance cost.

Reliability Certificated IP66, IK09, Ta -40 + 50 ° C.

Ideal Applications

- Pedestrian paths and public gardens
- Squares and urban areas
- Residential and commercial complexes
- Monuments and architectural facades
- Hotels and resorts

Features

Mechanics

Dimensions (LxDxH)

Long version h 850 mm Ø mm 109

Short version h 550 mm Ø mm 109

Weight h 850 mm 5.0 Kg

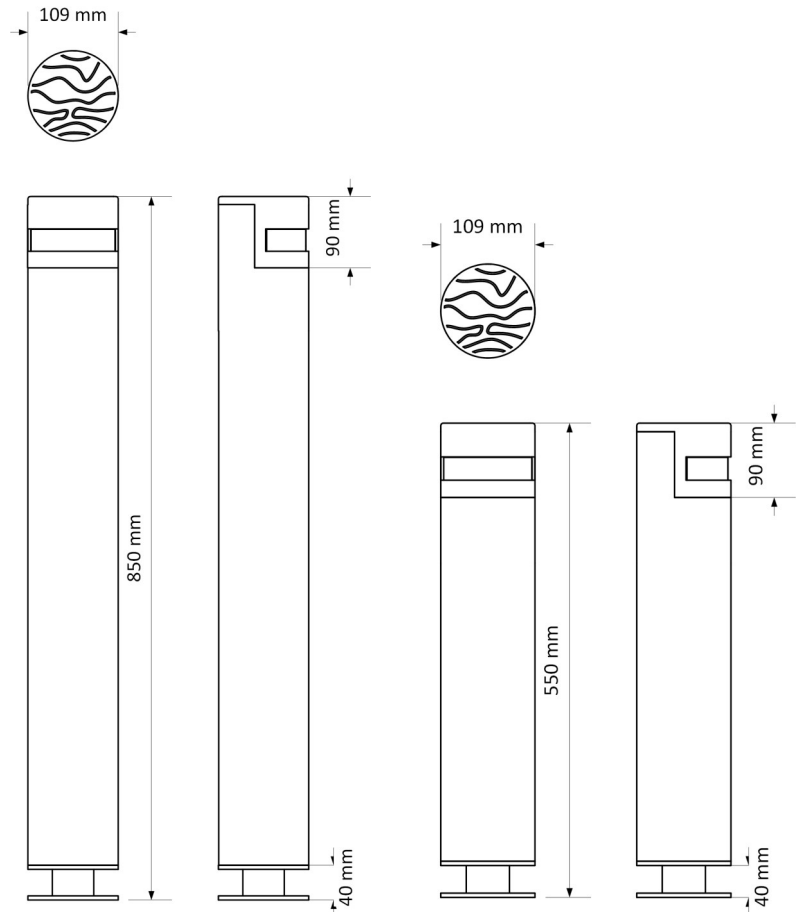
Weight h 550 mm 4.0 Kg

Materials

Pole-body parts in solid wood Accoya

Lighting unit in die-cast aluminum

Optics in transparent PMMA



Finishing

Wooden pole

Code: LW01
Rich light teak color



Powder-coated head & base

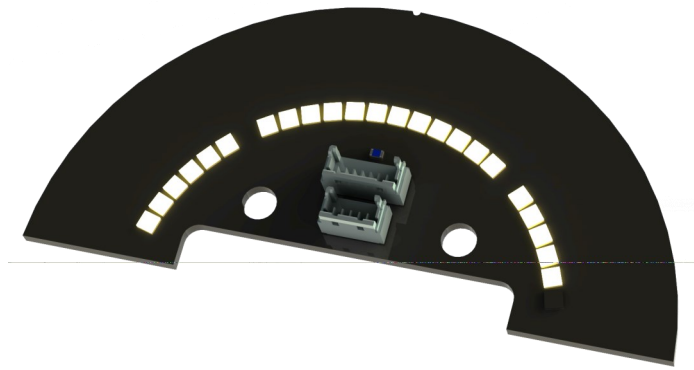
Code: BR01
Rich dark bronze




Electrical features

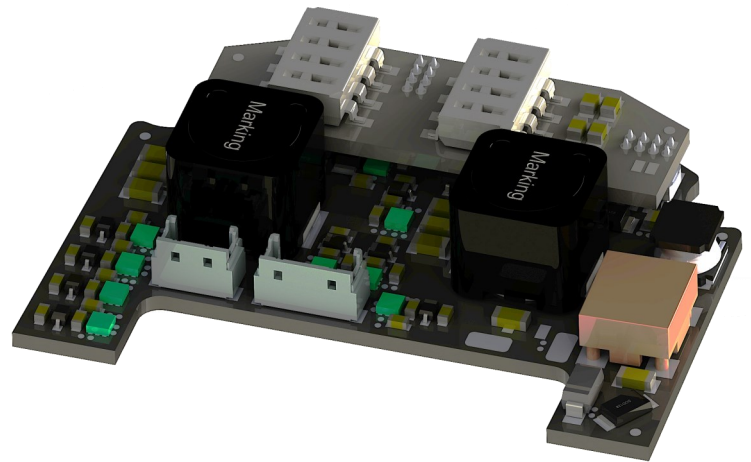
Led source

| | |
|------------------------|-------------------------|
| Type | Multi-chip LED board |
| CCT | 2200K 2700K 3000K 4000K |
| Colour rendering index | 70 80 CRI |
| Colour consistency | SDCM 3 |
| Average life @Ta 25°C | 50000 L90 B10 |



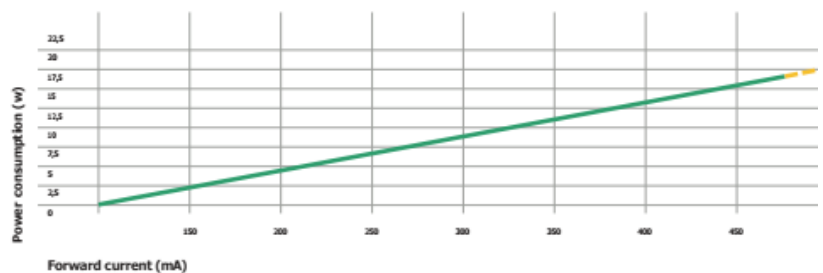
Feature

| | |
|---|---|
| Nominal voltage | 48Vdc +/- 5% (CV) |
| Power consumption (for 3000K CRI80 LED) | 12.7W@350mA |
| Insulation class |  |
| Control system | FIXED / DALI / SMART |
| Average life @Ta 25°C | 50000 L90 B10 |



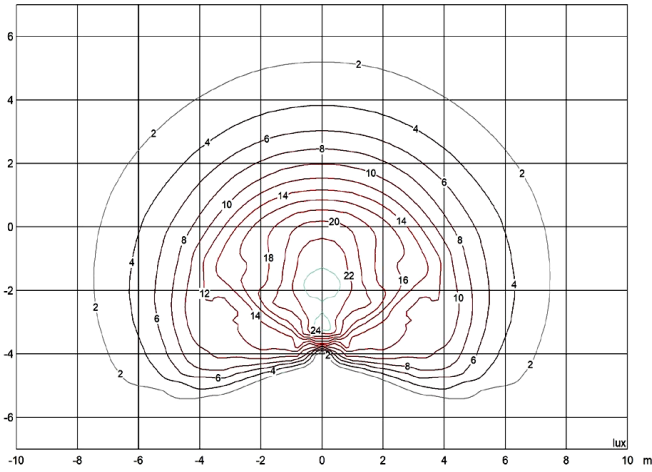
Compliance and Certifications

| | |
|---|--|
| Safety | CB report |
| Photobiological risk (for EN 62471:2008) | RG1 |
| Electromagnetic Compatibility (EMC) | Compliant with EN 55015:2019, with extended range up to 400MHz |

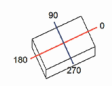


Photometry

T0 Transversal



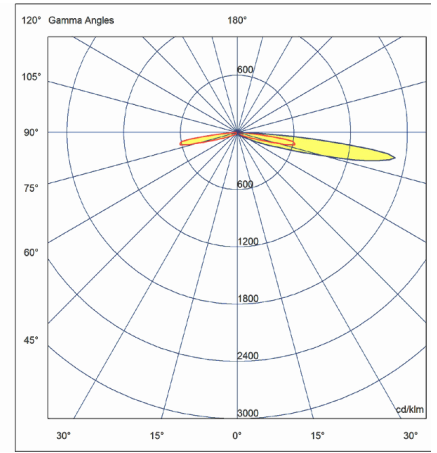
63mm x 102mm



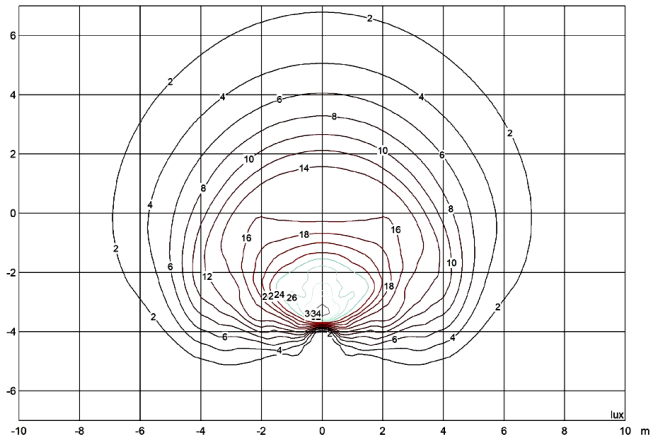
C Halfplanes

180.0 — 0.0
270.0 — 90.0

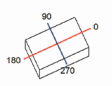
Flux 1328 lm
Maximum 1691.20 cd/klm
Position C=88.00 G=81.00
Efficiency: 100.00%
Date: 20-12-2023
Asymmetrical



FC Forward central



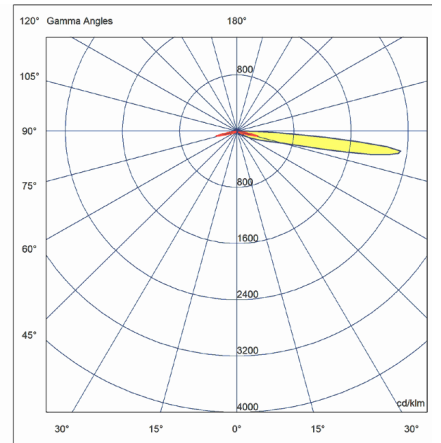
63mm x 102mm



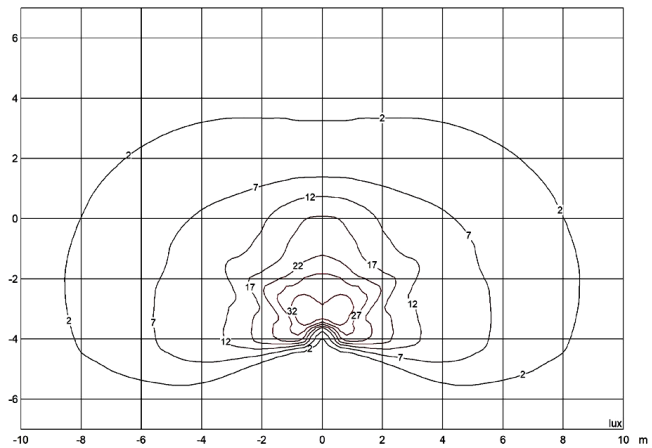
C Halfplanes

180.0 — 0.0
270.0 — 90.0

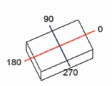
Flux 1385 lm
Maximum 2317.80 cd/klm
Position C=89.00 G=82.50
Efficiency: 100.00%
Date: 20-12-2023
Asymmetrical



LO Long



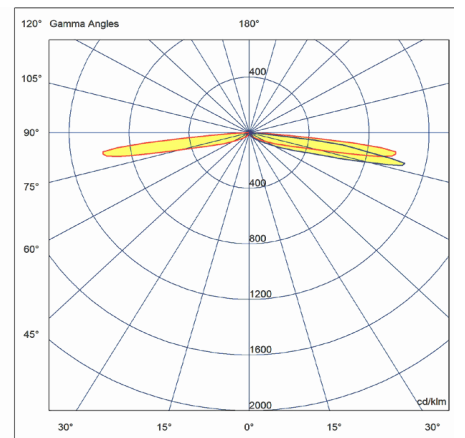
63mm x 102mm



C Halfplanes

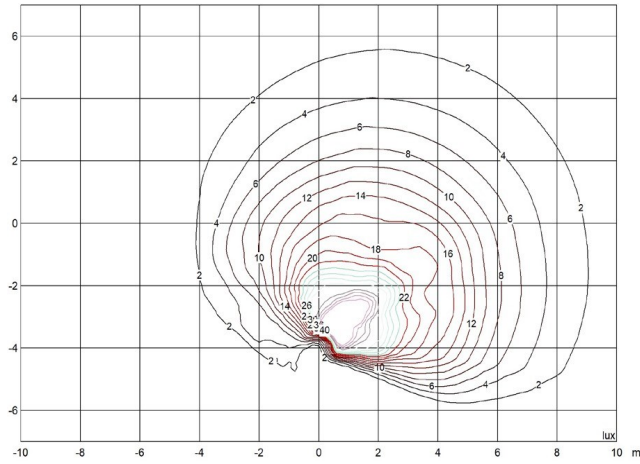
180.0 — 0.0
270.0 — 90.0

Flux 1297 lm
Maximum 1254.10 cd/klm
Position C=33.00 G=82.00
Efficiency: 100.00%
Date: 20-12-2023
Asymmetrical

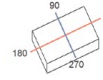


Photometry

PR
Pro beam right



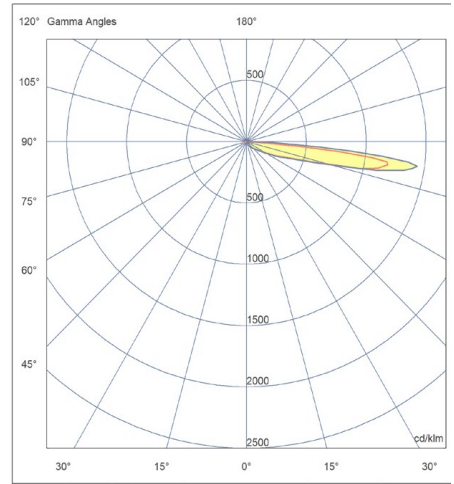
63mm x 102mm



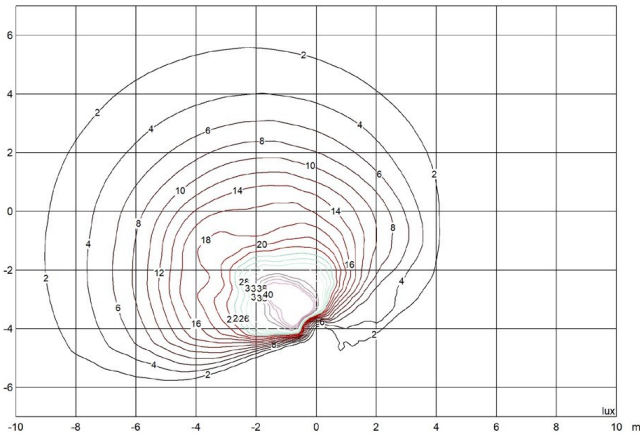
C Halplanes

180.0 — 0.0
270.0 — 90.0

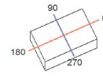
Flux 1327 lm
Maximum 2197.20 cd/klm
Position C=43.00 G=81.50
Efficiency: 100.00%
Date: 20-12-2023
Asymmetrical



PL
Pro beam left



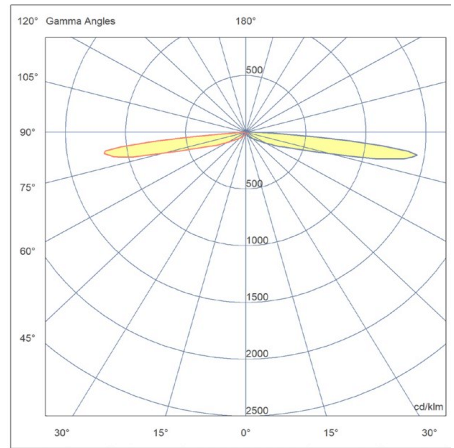
63mm x 102mm



C Halplanes

180.0 — 0.0
270.0 — 90.0

Flux 1327 lm
Maximum 2194.01 cd/klm
Position C=137.00 G=82.00
Efficiency: 99.70%
Date: 20-12-2023
Asymmetrical



Ordering information

| L1 | T0 | 8 | 30 | 1 | 13 | F | 1 | 4 |
|------------------|-------------------------|-----------|----------------|--------------------|-----------------|---|----------------|-----------------------|
| MODEL | PHOTOMETRY | CRI index | CCT | COLOUR | POWER | CONTROL MODE | SIZE | CABLING |
| L1 (LOG wood) | T0 (Transversal) | 7 (70) | 22 (2200°K) | 1 (LW01 + BR01) | 13 (13 watt) | F (CV int. Drive 48V) (ON—OFF) | 5 (500mm) | 0 (no connector) |
| | FC (Forward-Central) | 8 (80) | 27 (2700°K) | | 16 (16 watt) | E (CC ext. Drive 220V) (ON—OFF) | 8 (850mm) | 2 (2P connector) |
| | LO (Long) | | 30 (3000°K) | | | D (CC ext. Drive 220V) (DALI) | | 4 (4P connector) |
| | PR (pro-Beam-Right) | | 40 (4000°K) | | | | | |
| | PL (pro-Beam-Left) | | | | | | | |

* F constant voltage = one internal driver on board + external power supply for multiple luminaires

** E constant current = one external power supply for each luminaire

Maintenance info

Do not use alcohol/ammonia-based products for cleaning the luminaire. They may cause cracking or deterioration of PMMA lens. Use water or dish detergent-like liquids to remove dirt and halos, together with a soft wet cloth. Use of water jets with maximum pressure of 100kPa is allowed.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.


The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

Use a SELV LED control gear with a maximum output of 48Vdc in compliance with IEC/EN 61347-1 and IEC / EN 61347-2-13, protected against short circuit and overload.

All values shown in this datasheet are to be considered nominal values subject to a tolerance of +/-5%.

Note: In order to guarantee constant updating of the product, SIDEis Srl reserves the right to make changes to this document without notice.





Combining technology, aesthetics, and sustainability, SIDEis LED bollard for architectural lighting is the perfect choice for those seeking high-quality illumination capable of enhancing outdoor spaces with elegance and excellent performance.

**Discover how to improve your environment with the power of
SIDEis LED lighting fixtures.**

SIDEis S.r.l.

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