LOG

PRELIMINARY

WOOD—PRODUCT SHEET

Presentation

Developed around the SIDEis optical system, LOG combines the precision of street lighting with an aesthetic that blends seamlessly into both urban and natural environments. Its body, made from Accoya wood, offers a balance of beauty and durability, available in different finishes and colors.

Product Features

Uniform Grazing Light Latest-generation LED technology enhances surfaces and architectural details with a soft, refined lighting effect.

Wide Light Coverage Optimized optical design ensures diffused, uniform lighting, reducing shadows and enhancing open spaces.

Efficient Light Distribution Advanced optical system reduces glare and dispersion, improving visual comfort and energy efficiency.

High-Quality Materials Weather and corrosion-resistant for long-term reliability.

Moder and elegant design Clean lines and refined finishes make this a high-impact element in urban and landscaped environments.

Energy Efficiency Low-energy LED technology helps reduce operational costs and environmental impact.

Multi-Power Available option 11W, 13W.

Luminous Efficiency Up to 1300 lm with 5 specialized light distribution options.

Long Lifespan 50,000 hours L90 to minimize maintenance costs.

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

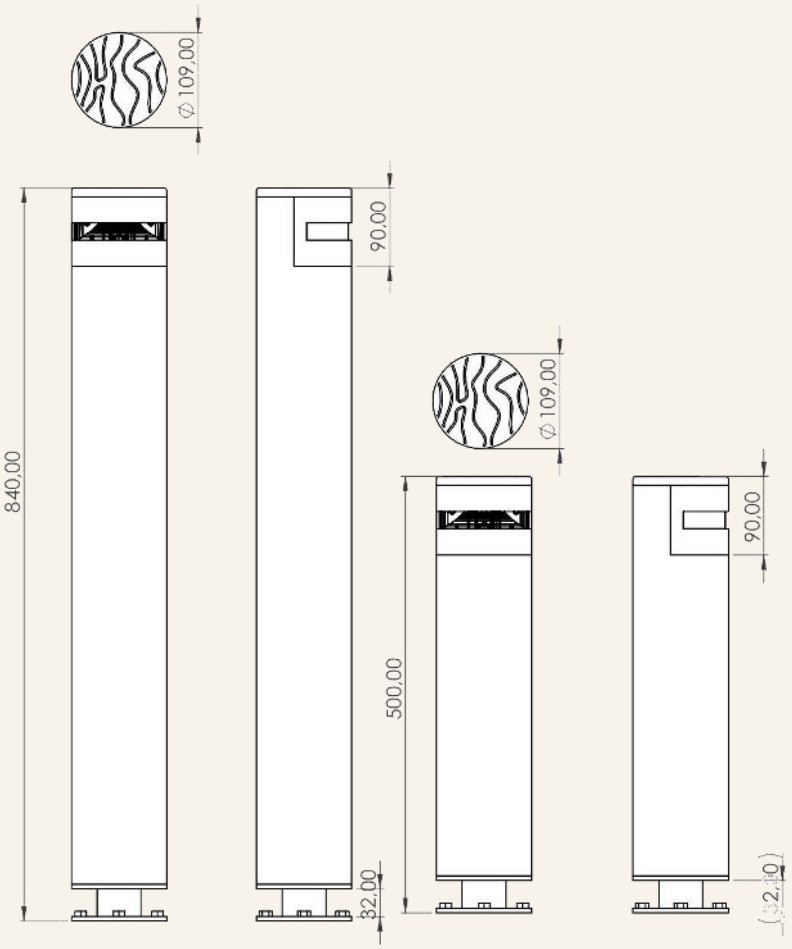
Ideal Applications

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

Properties

Mechanical

Dimensions	
Version 840	h 840 mm Ø mm 109
Version 500	h 500 mm Ø mm 109
Weight h 850 mm	6.0 Kg
Weight h 550 mm	4.0 Kg
Materials	Bollard body in solid Accoya wood Lamp body in die-cast aluminum PMMA transparent optic



Finishes

Wooden pole

Code: LW01
Rich light teak color

Wooden pole

Code: LW02
Rich dark teak color

Head and base powder-coated

Code: BR01
Rich dark bronze

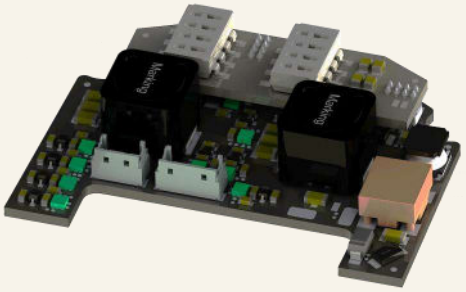
Electrical Parameters

LED Source

Type	Multi-chip LED board
CCT	2200K 2700K 3000K 4000K
Color Rendering Index:	70 80 90 CRI
Color Consistency:	SDCM 3
Lumen maintenance @Ta 25°C	50000 L90 B10

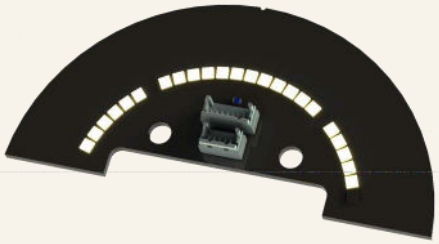
Electrical Specs

Nominal Voltage:	48Vdc +/- 5% (CV)
Max power (3000K CRI80)	13W@350mA
Insulation Class:	⧫ III
Control and Dimming:	FIXED / DALI / SMART
Average Lifespan @Ta 25°	50000 L90 B10



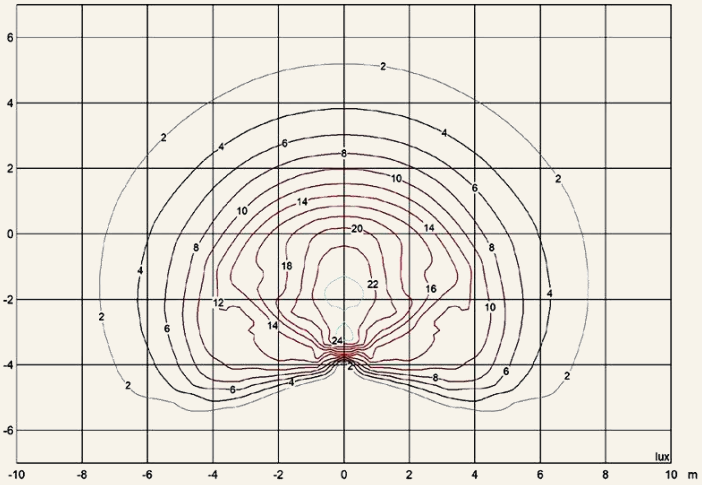
Compliance & Certifications

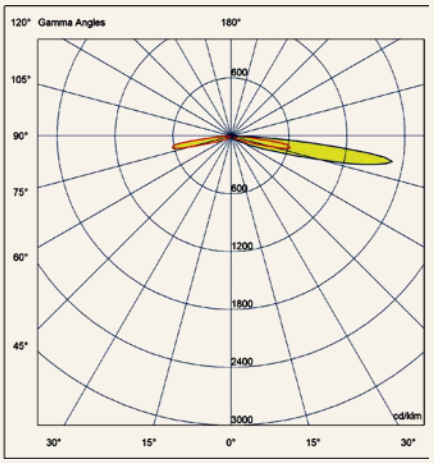
Safety:	CB report
Photobiological safety class (EN 62471:2008)：	RG1
EMC Compatibility:	EN55015:2019 extended to 400 MHz



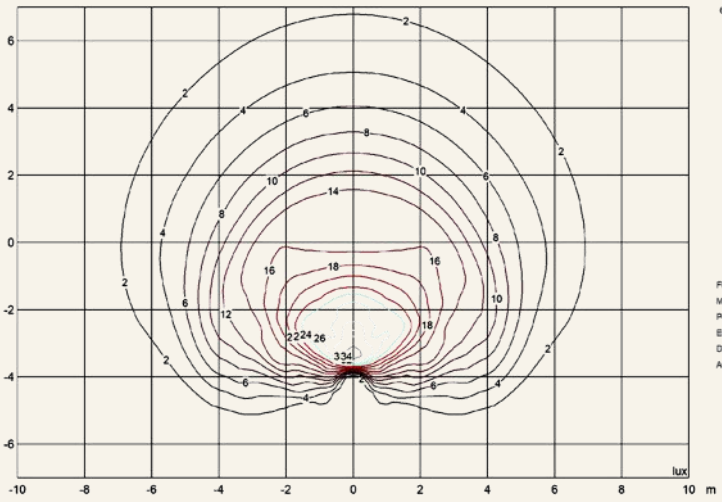
Photometric Distributions

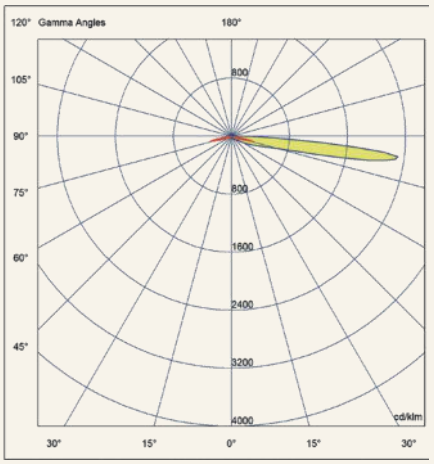
T0
Transversal



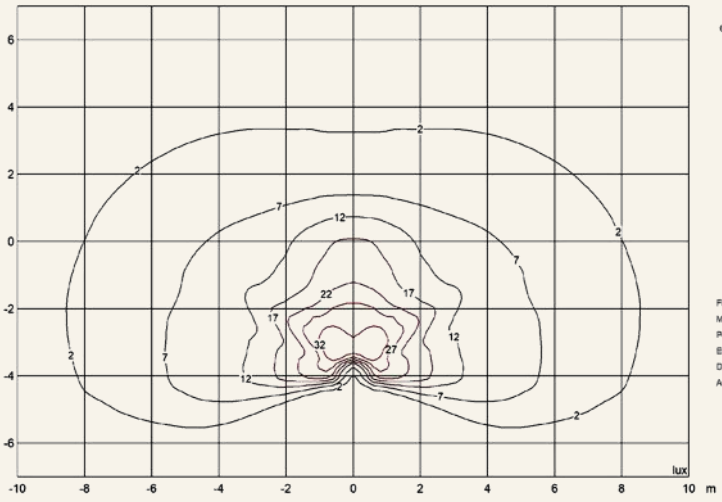


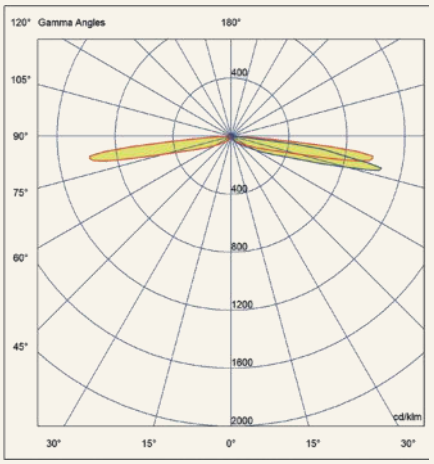
FC
Forward central





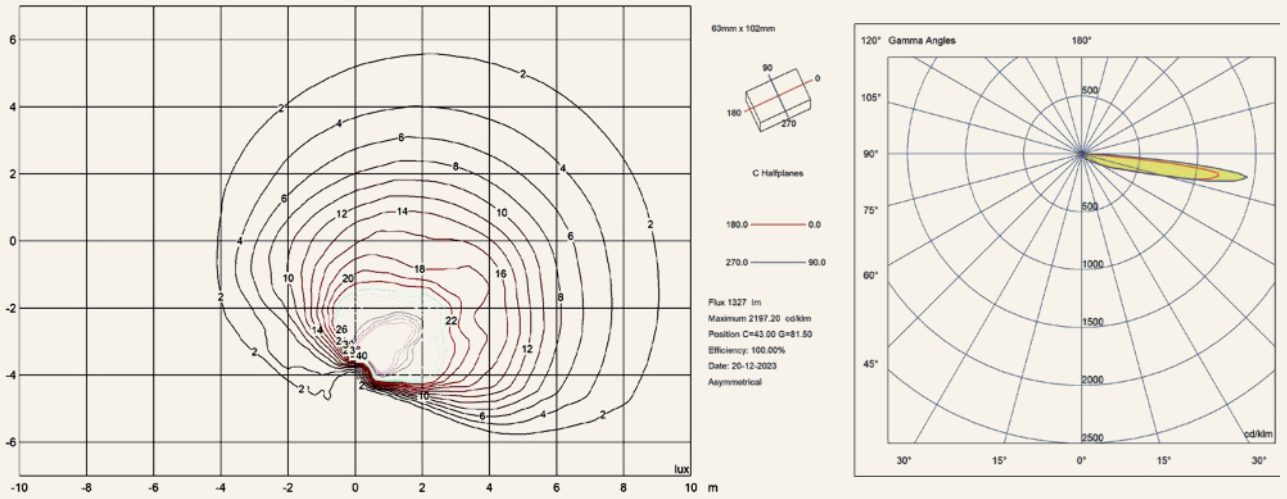
LO
Long



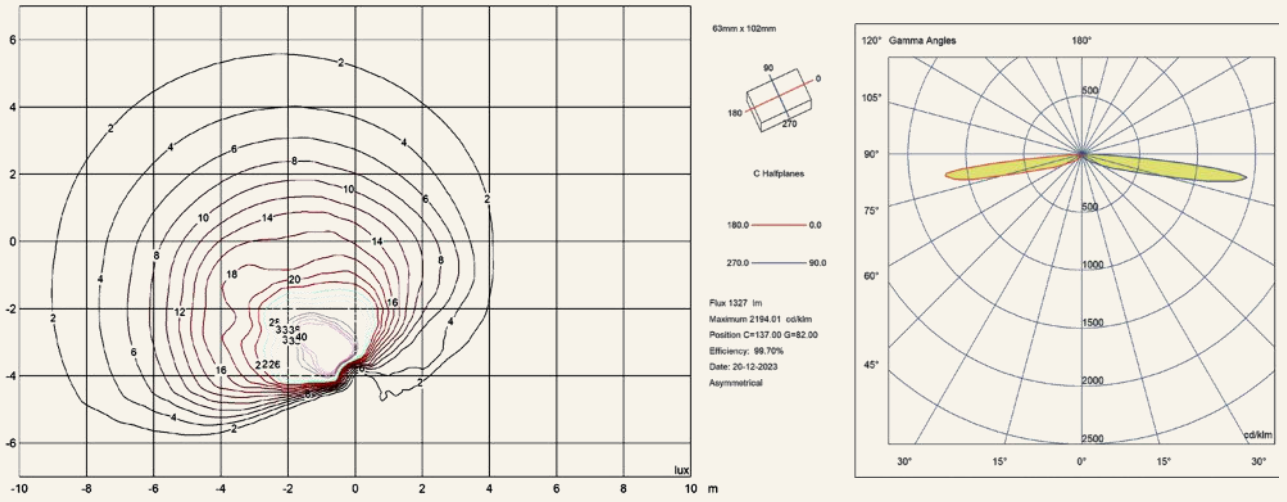


Photometric Distributions

PR
Pro beam right



PL
Pro beam left



Ordering Code

Example : **L1FC830113D84**

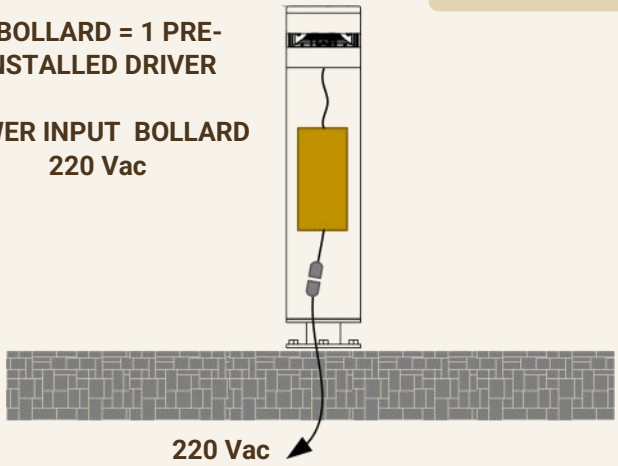
MODEL	OPTIC	CRI	CCT	STYLE	POWER	DRIVE	SIZE	CBL
☐ L1 WOOD	☐ T0 (Transversal)	☐ 7 (70)	☐ 22 2200°K	☐ 1 (LW01+BR01)	☐ 11 (11 Watt)	☐ D– internal (DALI dimmable Univ. 100/264 Vac)	☐ 5 500mm	☐ 0 Only cable
	☐ FC (Forward central)	☐ 8 (80)	☐ 27 2700°K	☐ 2 (DW01+BR01)	☐ 13 (13 Watt)	☐ F– external (On/Off 48 Vdc)	☐ 8 840mm	☐ 2 2P conn.
	☐ LO (Long)	☐ 9 (90)	☐ 30 3000°K					☐ 4 4P conn.
	☐ PR (Pro beam right)		☐ 40 4000°K					
	☐ PL (Pro beam left)							

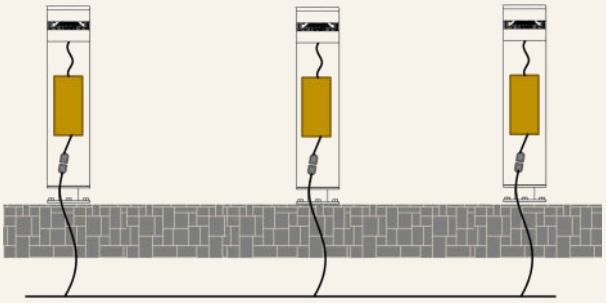
INTERNAL DRIVE

1 BOLLARD = 1 PRE-INSTALLED DRIVER

POWER INPUT BOLLARD 220 Vac

Power Supply and Installation Examples *for DRIVE option* ***D***





EXTERNAL DRIVE

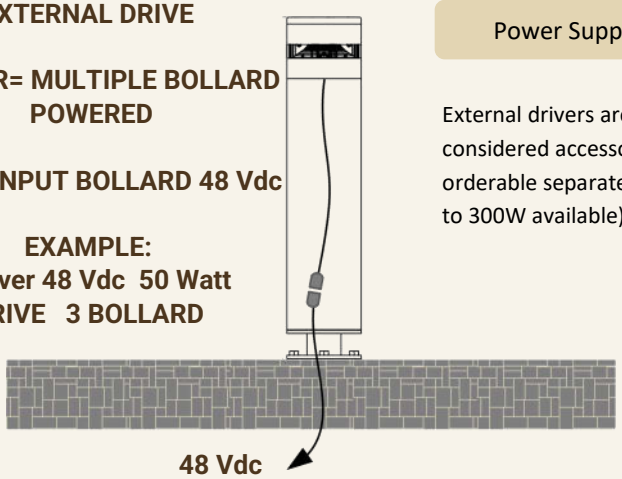
1 DRIVER= MULTIPLE BOLLARD POWERED

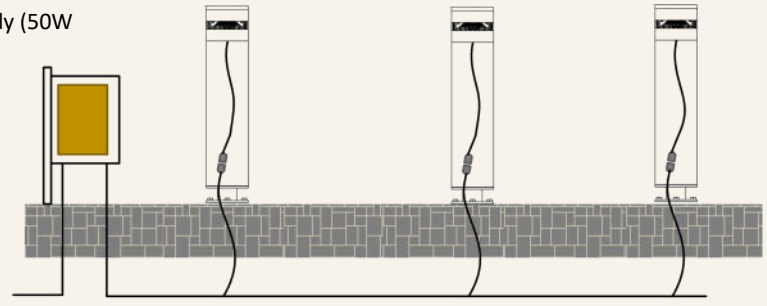
POWER INPUT BOLLARD 48 Vdc

EXAMPLE:
1 driver 48 Vdc 50 Watt
DRIVE 3 BOLLARD

Power Supply and Installation Examples *for DRIVE option* ***F***

External drivers are considered accessories, orderable separately (50W to 300W available)





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