

PRODUCT DATASHEET

O BOLLARD 500 LANTERN 12 W 3000 K IP54 GY

OUTDOOR BOLLARD LANTERN | Contemporary bollards with light guide for low-glare illumination



Areas of application

- Outdoor
- Pathway lighting
- Driveways

Product benefits

- Energy-efficient thanks to LED technology
- 5 years guarantee
- Easy and quick installation
- Special light guide design for low-glare illumination

Product features

- Bright and functional outdoor LED luminaires
- Type of protection: IP54
- Die-cast aluminum housing



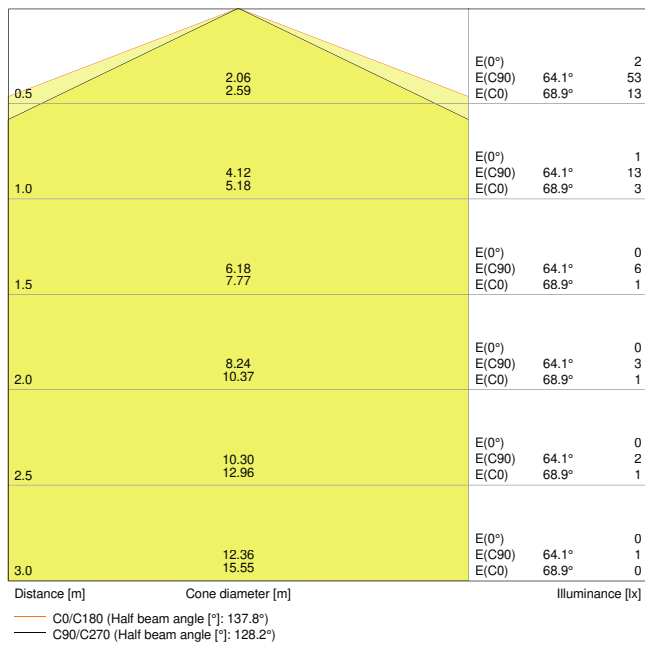
- Diffuser made of opal polycarbonate with transparent polycarbonate cover

TECHNICAL DATA**Electrical data**

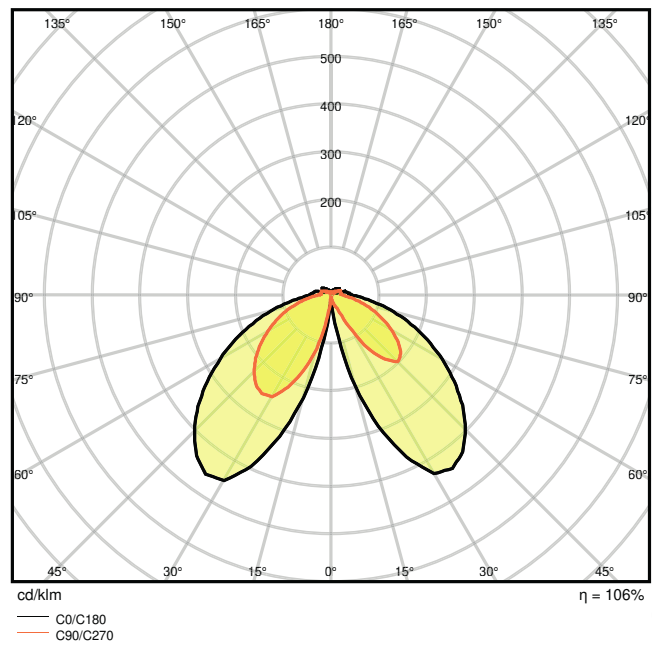
Nominal wattage	12.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	96 mA
Max. number of luminaires per miniature circuit breaker B16	27
Max. number of luminaires per miniature circuit breaker C10	34
Max. number of luminaires per miniature circuit breaker C16	21
Power factor λ	> 0.5
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	610 lm
Luminous efficacy	50 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥ 80
Standard deviation of color matching	< 6 sdc _m
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	210 °



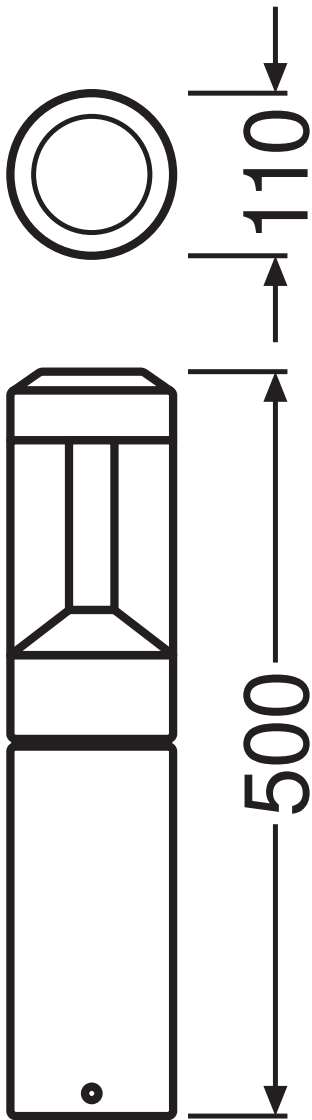
O BD 500 Lantern 12W3000K GY IP54



4058075074859 O BD 500 Lantern 12W3000K GY IP54

Dimensions & Weight

Diameter	110.00 mm
Height	500.00 mm
Product weight	1900.00 g



O BD 500 LANTERN 12W/3000K
GY IP54

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Aluminum
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Type of connection	Screw terminal, 3-Pole
Type of protection	IP54
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Mounting location	Ground
Application environment	Outdoor

Lifespan

Lifespan L70/B50 at 25 °C	30000 h ¹⁾
Number of switching cycles	15000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)





Certificates & Standards





Standards	CE
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES

– Complete mounting and connecting accessories included

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	User Instruction Outdoor Bollard Lantern
	On-Pack-Info	Legal Insert OUTDOOR
	Declarations of conformity	EC declararion Outdoor
Photometric and lighting design files		Document name
	IES file (IES)	O BD 500 Lantern 12W3000K GY IP54

Photometric and lighting design files	Document name
 LDT file (Eulumdat)	O BD 500 Lantern 12W3000K GY IP54
 UGR file (UGR table)	O BD 500 Lantern 12W3000K GY IP54
 Light distribution curve type cone	O BD 500 Lantern 12W3000K GY IP54
 Light distribution curve type polar	4058075074859 O BD 500 Lantern 12W3000K GY IP54

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075074859	Folding box 1	194 mm x 194 mm x 536 mm	1998.00 g	20.17 dm ³
4058075074866	Shipping box 2	405 mm x 205 mm x 555 mm	4618.00 g	46.08 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.