PRODUCT DATASHEET
UB BOLLARD CONE DA 600 P 15W 840 GY

URBAN BOLLARD CONE DALI | Robust bollard light with optional one-sided or all-sided light emission, with DALI-2 technology



PERFOR-MANCE CLASS

Areas of application

- Bollard luminaires for guidance and orientation, they pave the way for pedestrians and enhance the surroundings
- Path and plaza illumination
- Parks and green spaces, parking and pedestrian areas
- Public, industrial and residential areas
- Driveways, access routes and entrances in residential complexes and arcades

Product benefits

- Versatile use, serves many lighting tasks for paths or areas in one luminaire
- Optics are optimized for wide spacing between bollards
- Durable and robust, made from high-quality materials, withstands even harsh environments

Product features

- Switchable and DALI-2 dimmable LED-segments for 180° or 360° light distribution
- Single lens optics for good beam control
- IP66, IK10, sealed and sleek form-factor
- Well chosen materials such as aluminum, stainless-steel, UV-stabilized powder-coating and plastics
- Corrosion resistance C4
- Integrated breather valve to prevent condensation inside the luminaire

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TECHNICAL DATA

Electrical data

Nominal wattage	15 W / 15 W [1)]
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	450.000 mA
Inrush current	21 A
Inrush current time T_{h50}	21 µs
Max. number of luminaires per miniature circuit breaker B16	19
Max. number of luminaires per miniature circuit breaker C10	16
Max. number of luminaires per miniature circuit breaker C16	26
Power factor λ	> 0.90
Maximum total harmonic distortion	< 20 %
Protection class	I
Surge capability (L-N)	6 kV
Operating mode	Integrated LED driver
Dimming interface	DALI-2

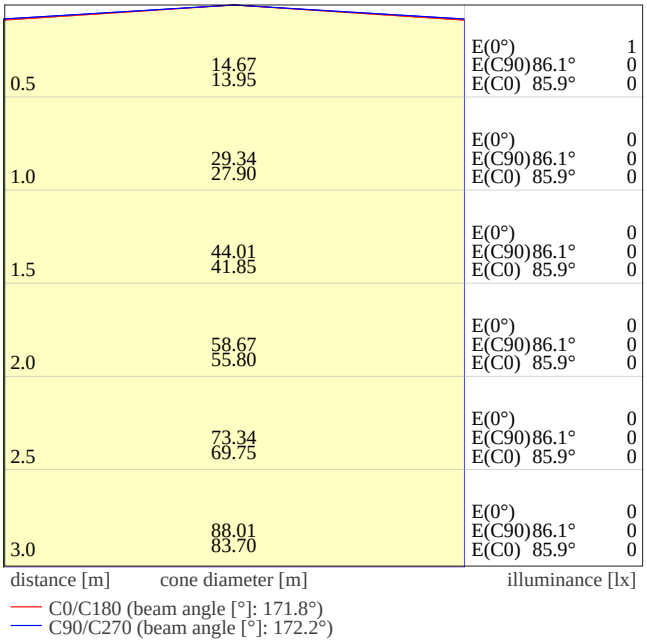
1) For possible options refer to lumen/power table image

Photometrical data

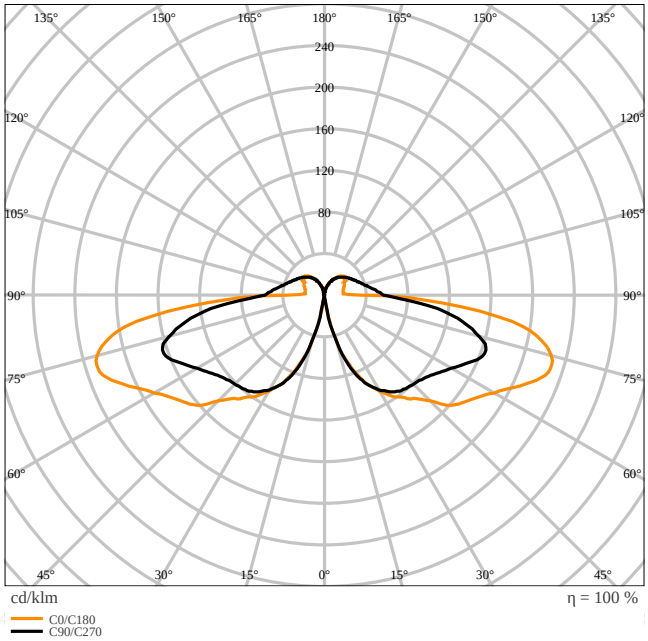
Luminous flux	1330 lm / 1275 lm [1)]
Luminous efficacy	88 lm/W / 85 lm/W [1)]
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdcm
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	148 ° x 155 °

1) For possible options refer to lumen/power table image

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UB BL CONE DA 15W 840 600 100pc 100pc 250910



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Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
15 W	4000 K	1330 lm	88 lm/W
15 W	4000 K	1275 lm	85 lm/W

Dimensions & Weight

Diameter	170.00 mm
Height	600.00 mm
Product weight	6880.00 g



UB BOLLARD CONE

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Materials & Colors

Product color	Grey
Housing color	Grey
RAL Color (most similar)	RAL 7022
Body material	Aluminum
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-40…+50 °C
Temperature range at storage	-40…+80 °C
Type of connection	Screwless terminal, 5-Pole (L, N, PE, DA+, DA-)
Type of protection	IP66
Protection class IK (shock resistance)	IK10
Corrosion resistance class acc. to EN 12944	C4
Dimmable	Yes
Type of dimming	DALI-2
Dimming range	16…100 %
IoT ready	Support of DALI data type PART 251, 252, 253 [1)]
Mounting type	Surface
Mounting location	Ground / Floor
Application environment	Outdoor
Mechanically adjustable	No
With light source	Yes
Replaceable light source	Yes

1) Internet of Things. Supports data transfer via gateway to cloud-based monitoring platforms, such as LEDVANCE VIVARES Cloud

Lifespan

Lifespan L70/B50 at 25 °C	100000 h [1)]
Lifespan L80/B10 at 25 °C	100000 h [1)]
Lifespan L80/B50 at 25 °C	100000 h
Lifespan L90/B10 at 25 °C	57000 h [1)]
Number of switching cycles	100000

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

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Control gear

Output current	1050 mA

Emergency lighting

Type of emergency operation test	None

Certificates & Standards

Standards	CE / UKCA / EAC / ENEC / Dmark
Ball shot safe	No
Replaceable light source (EPREL)	Only by an expert

Additional product data

Added function	VIVARES

Accessories Optional

Product image	Product name	EAN
	UB BOLLARD CONE CONCRETE ANCHORS	4099854726590
	UB BOLLARD CONE FOUNDATION TUBE	4099854726613

Components for light control

Components Light Control

Product image	Product name	EAN
	MANUAL CONTROL UNIT GROUP DALI-2 TW	4099854748691
	MANUAL CONTROL UNIT SELECT DALI-2	4058075837485
	MANUAL CONTROL UNIT SELECT DALI-2 TW	4058075837508

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Product image	Product name	EAN
	MANUAL CONTROL UNIT SELECT DALI-2 EXCHANGEABLE COVER TW	4058075837522
	MANUAL CONTROL UNIT TOUCH DALI-2 TW	4058075837560
	MANUAL CONTROL UNIT TOUCH DALI-2	4058075837546
	PUSH CONTROL UNIT FLUSH MOUNT DALI-2 TW	4058075837584
	PUSH CONTROL UNIT FM DALI-2 DIM	4099854846922
	SURFACE MOUNT FRAME	4058075843561
	PUSHBUTTON COUPLER DALI-2	4058075837607
	FLEX CONTROL UNIT IOT DALI-2 HCL TW	4058075841888
	FLEX CONTROL UNIT FLUSH MOUNT DALI-2 TW	4058075841901
	FLEX CONTROL UNIT DALI-2 TW	4058075843844
	FLEX CONTROL UNIT REAL-TIME-CLOCK DALI-2 HCL TW	4058075841925

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Product image	Product name	EAN
	SENSOR DALI-2 LIGHT/PRESENCE-6 INFRARED CEILING INTEGRATION	4058075837621
	SENSOR CEILING MOUNTING KIT LIGHT/PRESENCE-6	4099854748714
	SENSOR DALI-2 LIGHT/PRESENCE-8 INFRARED CEILING INTEGRATION	4058075841949
	SENSOR DALI-2 LIGHT/PRESENCE-40X5 INFRARED CEILING INTEGRATION	4058075843868
	SENSOR DALI-2 LIGHT/PRESENCE-24 INFRARED CEILING MOUNTING	4058075843882
	HIGHBAY SENSOR DALI-2 LIGHT/PRESENCE -21 INFRARED CEILING MOUNTING	4058075857537
	DALI sensors -8 IR CI, -40X5 IR CI, -24 IR CM, -21 IR CM	4058075843905
	RELAY DALI-2 RAIL MOUNTING	4099854709159
	RELAY DALI-2 CEILING MOUNTING	4099854709135
	REPEATER DALI-2 RAIL MOUNTING	4099854709111
	REPEATER DALI-2 CEILING MOUNTING	4099854709098

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EQUIPMENT / ACCESSORIES

- Ground anchors for cast concrete foundations separately available
- Ground piece with anti-sink protection for fixing luminaires with base plate in the ground separately available

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	UB BOLLARD CONE
PDF	Legal information	G11251403_LI_MG_T
PDF	Legal information	Safety Insert G11205497
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	URBAN BOLLARD CONE
PDF	Declarations of conformity UKCA	URBAN BOLLARD CONE
PDF	EU Data Act	DALI LED Driver and Luminaires

	Photometric and lighting design files	Document name
IES	IES file (IES)	UB BL CONE DA 15W 840 600 100pc 100pc 250910
LDT	LDT file (Eulumdat)	UB BL CONE DA 15W 840 600 100pc 100pc 250910
ULD	ULD file (DIALux)	UB BOLLARD CONE DA 600 P 15W 840 GY
ROLF	ROLF file (RELUX)	UB BOLLARD CONE DA 600 P 15W 840 GY
	Light distribution curve type cone	UB BL CONE DA 15W 840 600 100pc 100pc 250910
	Light distribution curve type polar	UB BL CONE DA 15W 840 600 100pc 100pc 250910

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	CAD/BIM files	Document name
	BIM Revit 3D	Urban Bollard Cone
	CAD STEP 3D	UB_BOLLARD_CONE_600.STEP

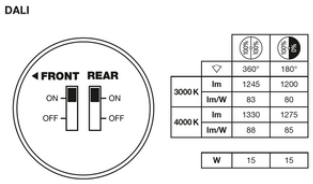
	Tender texts	Document name
	Tender documents	URBAN BOLLARD CONE DALI DA 600 P 15W 840 GY-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854726569	Shipping box 1	687 mm x 207 mm x 234 mm	8009.00 g	33.28 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.

ADDITIONAL CATALOG INFORMATION



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.

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