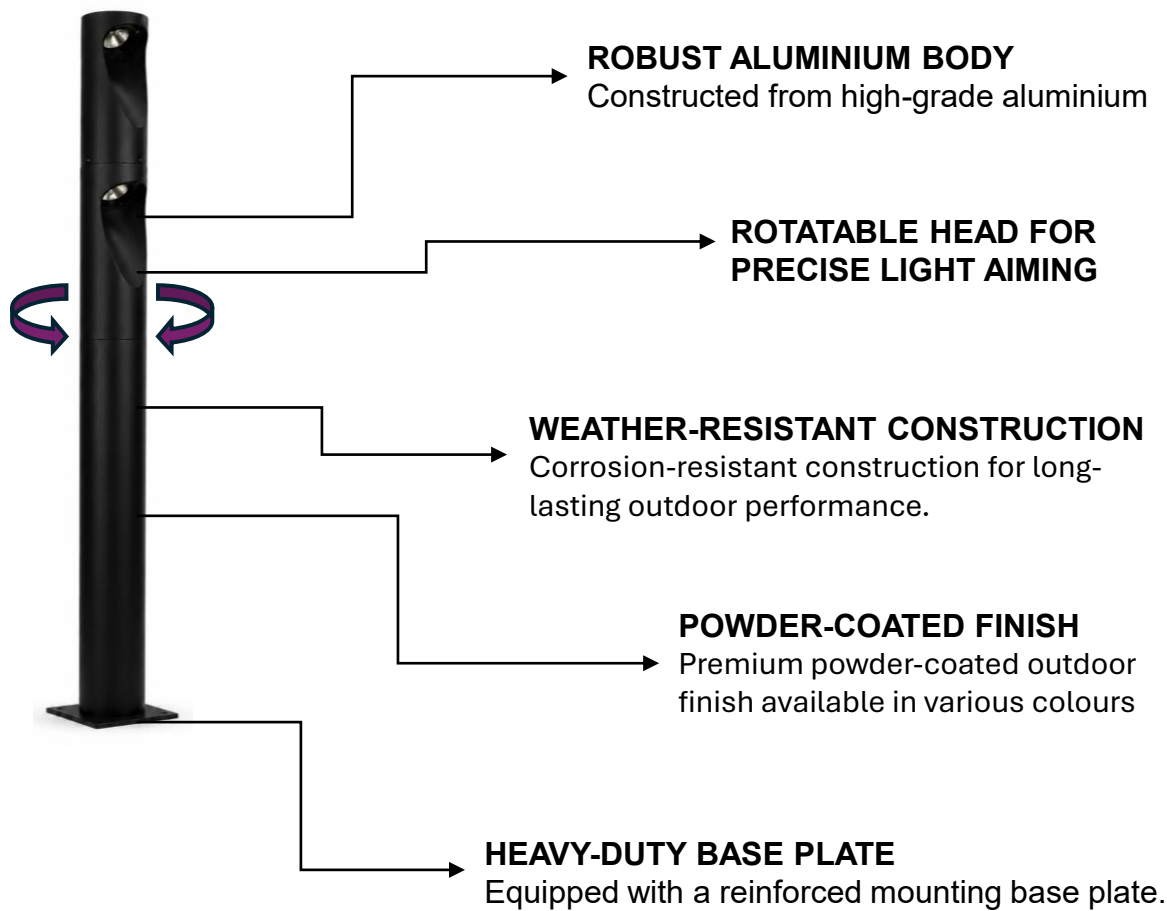


BOLLAX CONB

BLXCB-BLD-20W-XXXXK

*Dark Sky
Logo*

PRODUCT HIGHLIGHTS



FEATURES

- Thermal Management
- Corrosion Resistance
- Vibration Resistance
- Easy Maintenance

DESCRIPTION

The BOLLAX CONB is a high-performance architectural column and bollard light crafted from heavy-duty, durable die-cast material to withstand harsh weather and impacts in commercial exteriors, walkways, and garden landscapes. Available in both medium and tall heights to scale effortlessly from pathway and pedestrian lane guidance to prominent architectural spacing, its defining feature is an innovative rotatable head assembly to precisely aim the light beam toward specific landscaping elements, focal points, or directional paths.

Conformity

CB

TUV

SUD

مجلس أبوظبي

للجودة والمطابقة

Abu Dhabi Quality & Conformity Council

Dark Sky

Logo

Compliant with

LM

79

LM

80

LM

82

TM

21

Tested for Safety

⚙️

Salt Spray

⚡

3G

Vibration

🛡️

Photobiological Safety

Insulation Class



Protection Class

IP

66

IK

09



ORDERING CODE

BLXCB-BLD-75W-XXXXK-xx-xxx-xx

PRODUCT NAME	CATEGORY	PRODUCT FAMILY	POWER	CCT	BODY COLOUR	CONTROL OPTIONS	DIMENSION
BLX	CB	BLD	XXW	XXXXK	xx	xxx	xx
BOLLAX	CONB	BOLLARD	UP TO 75W	2700K	BL (BLACK)	10V (1-10V)	TH (2400 mm)
				3000K	GR (GREY)	DAL (DALI)	MH (2000 mm)
					SP (SPECIAL)		

Example: For the bollard model Bollax ConB with a power rating of 75W, CCT 2700K, black body colour, DALI dimmable controller, and a height of 2400 mm, the ordering code will be BLXCB-BLD-75W-2700K-BL-DAL-TH

TECHNICAL SPECIFICATION

LUMINAIRE DETAILS

PRODUCT NAME	BOLLAX CONB
PRODUCT TYPE	LED COLUMN LIGHT
PRODUCT CODE	BLXCB-BLD-75W-XXXXK
MAXIMUM HOUSING POWER	UP TO 75W

HOUSING DETAILS

BODY MATERIAL	CORROSION-RESISTANT ALUMINIUM DIE-CAST
LENS	TEMPERED CLEAR GLASS
OPTICS	SYMMETRIC
BODY COLOUR	BLACK / GREY / SPECIAL

CHIP DETAILS

LIGHT SOURCE	COB
AVAILABLE CCT	2700K – 3000K
MACADAM BINNING	STEP 4
CRI	≥90



TECHNICAL SPECIFICATION

OPTICAL DETAILS

BEAM ANGLE	39.7°
OPTICS	IES Type V (Very Short)
BUG RATING	B4-U0-G0
ULOR(Upward Light Output Ratio)	0% (U0 – Zero Uplight)

LUMINAIRE PERFORMANCE

LUMINAIRE FLUX	8,139 lm (@ 73.59W Tested)
EFFICACY	110.59 lm/W

ENVIRONMENTAL CONDITIONS

AMBIENT TEMPERATURE (TA)	-20°C TO +50°C
HUMIDITY	RH 10–95%

PROTECTION & DURABILITY

IP RATING	IP66
IK RATING	IK09

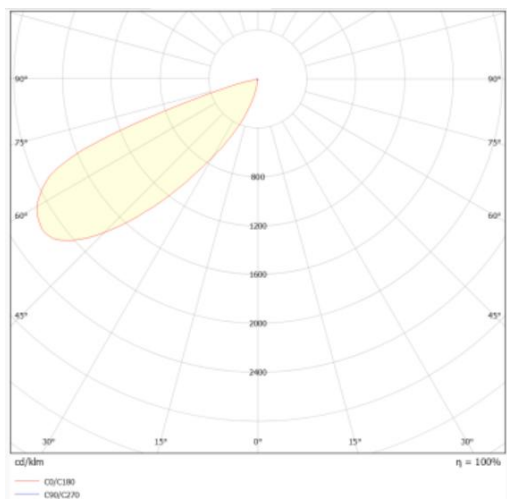
ELECTRICAL DETAILS

NOMINAL VOLTAGE	220–240 VAC
FREQUENCY	50/60 HZ
LED DRIVER CURRENT	700 mA
POWER FACTOR	≥0.90
RATED POWER	75W
THD	≤20%
CONTROL OPTIONS	DALI, 1–10V DIMMING

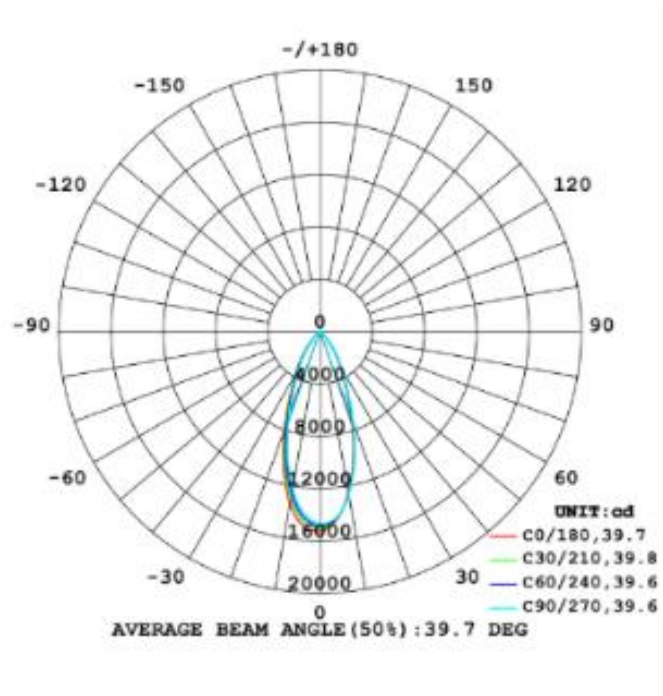
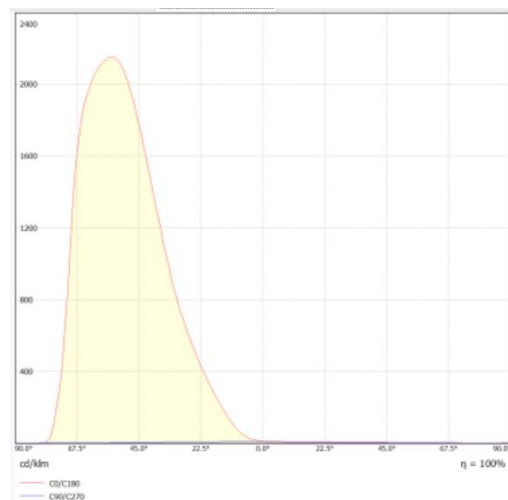


OPTICS & PHOTOMETRIC DETAILS

Polar Plot



Linear Plot



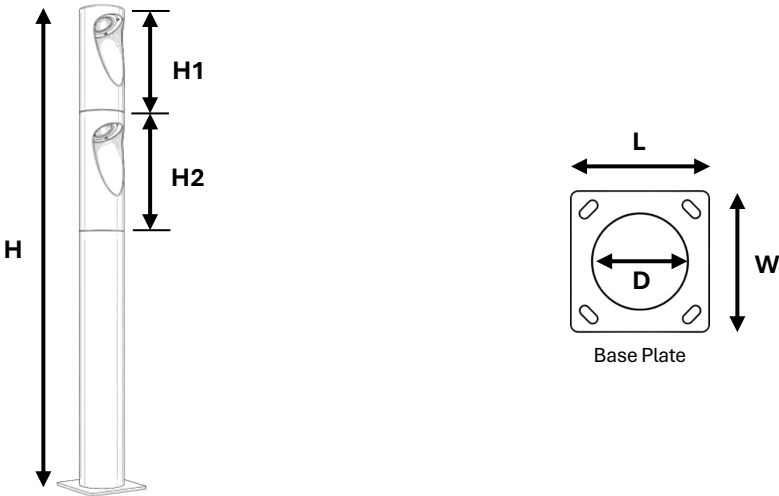
CUSTOM DIMMING PROFILE

The bollard luminaire supports 1–10 V dimming as well as DALI dimming, allowing smooth and reliable adjustment of light output according to the required ambiance or energy-saving needs. By integrating with compatible lighting control systems, the brightness can be adjusted from full output to lower levels while maintaining stable performance.

- 1–10 V dimming: Simple analog dimming.
- DALI dimming: Digital, programmable dimming for advanced control.

This feature is ideal for pathways, landscapes, and architectural outdoor applications where lighting levels may need to be adjusted at different times of the night, improving visual comfort while reducing energy consumption

DIMENSIONAL DETAILS

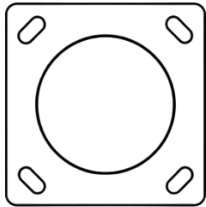


DIMENSIONS	
HEIGHT	2400 mm / 2000 mm
DIA	200 mm

HEAD DIMENSIONS	
HEAD 1(H1)	400 mm
HEAD 2 (H2)	400 mm

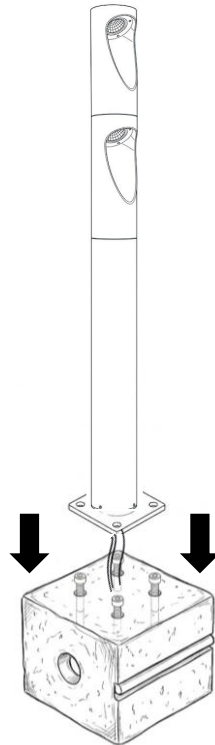
BASE DIMENSIONS	
BASE (L x W)	300 x 300 mm

GENERIC INSTALLATION STEPS



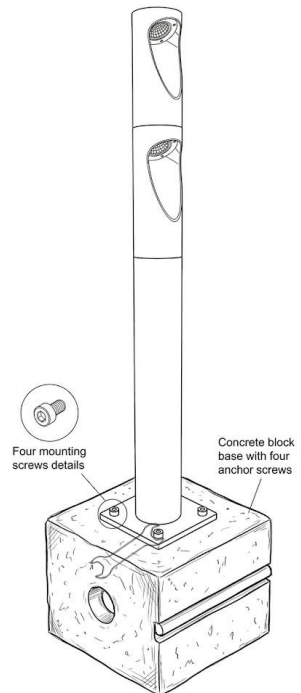
1. Base Preparation

Prepare a stable concrete base or mounting plate and route the power cable to the installation point.



2. Fixture Mounting

Position the bollard on the base and secure it firmly using anchor bolts.



3. Wiring & Test

Ensure the power cables are properly connected, then switch on the power supply to test the luminaire.

Note:

- Use only suitably rated IP connectors (minimum IP66 or above) for all electrical connections.
- Where luminaire drivers are installed remotely, they shall be housed within appropriately rated IP enclosures to ensure protection against environmental ingress.

UNDERSTANDING BOLLARD HEIGHT SELECTION



MH: 2000 mm

Medium Height Bollards (MH): (2000 mm)

Ideal for balanced pathway lighting in residential and commercial outdoor spaces, With a medium-height configuration, it offers an optimal balance between visibility and visual comfort without overpowering the surroundings.



TH: 2400 mm

Tall Height Bollards (TH): (2400 mm)

Double-head bollard is ideal for pathways, gardens, parks, and outdoor spaces. Its dual-direction illumination improves visibility and safety while enhancing the overall landscape aesthetics.