

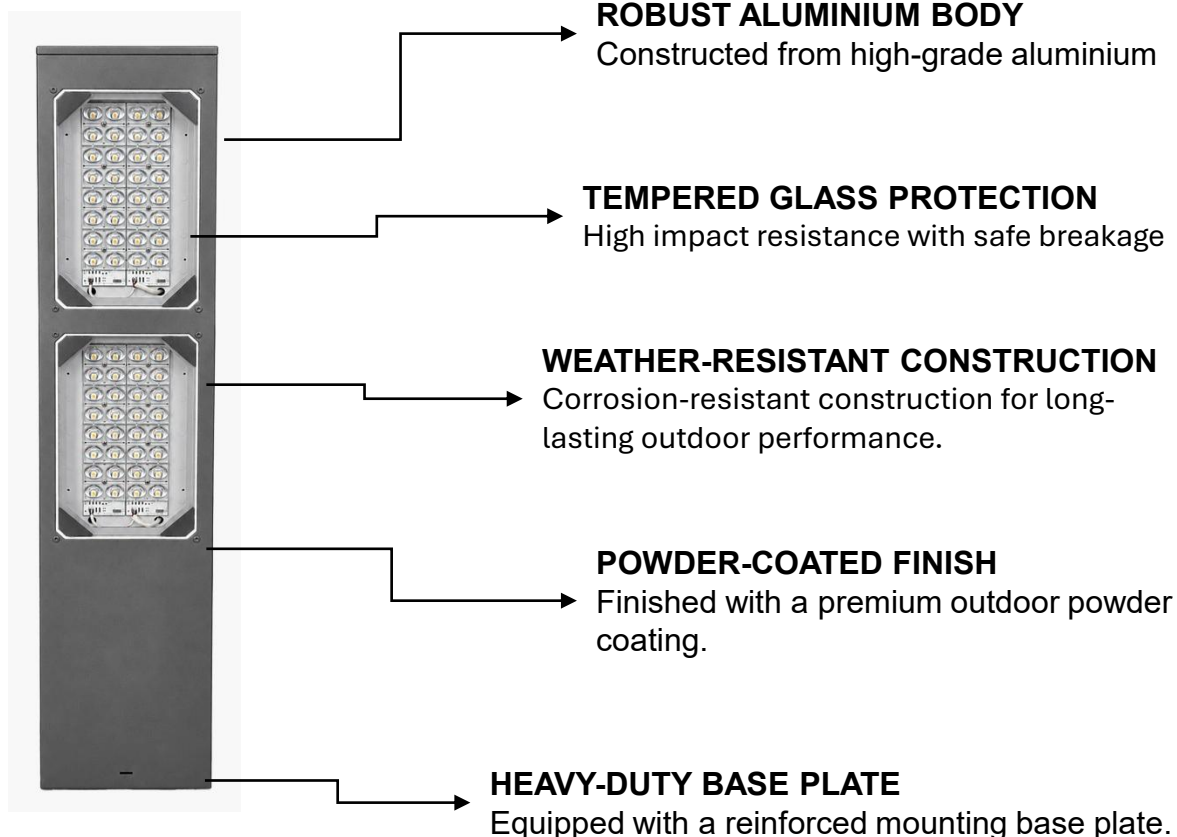
BOLLAX LB

BLXLB-BLD-150W-XXXXK

*Dark Sky
Logo*



PRODUCT HIGHLIGHTS



FEATURES



Thermal
Management



Corrosion
Resistance



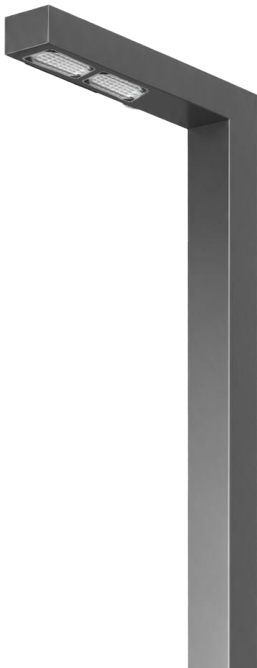
Vibration
Resistance



Easy
Maintenance

DESCRIPTION

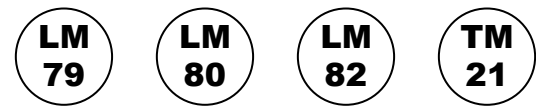
BOLLAX LB is a column light with a simple linear design and two LED modules for bright and even lighting. It has a strong, weather-resistant body, making it suitable for outdoor areas like pathways, gardens, and streets. The light is energy-efficient and designed to give good illumination with a clean, minimal look that fits well in modern outdoor spaces.



Conformity



Compliant with



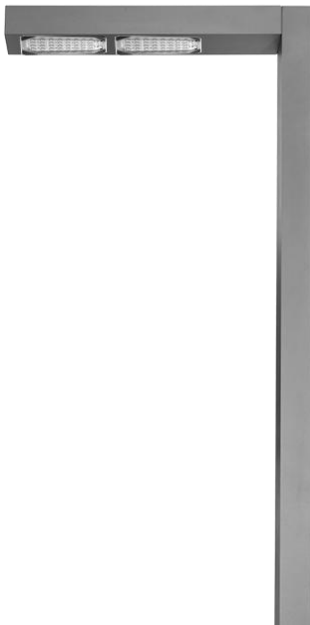
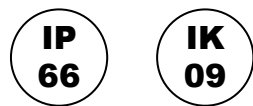
Tested for Safety



Insulation Class



Protection Class



ORDERING CODE

BLXLB-BLD-150W-XXXXK-xx-xxx-XxxXx-XXX

PRODUCT NAME	CATEGORY	PRODUCT FAMILY	POWER	CCT	BODY COLOUR	CONTROL OPTIONS	ACCESSORIES	CONFIGURATION
BLX	LB	BLD	XXXW	XXXXK	xx	xxx	XxxXx	XXX
BOLLAX	SHAPE	BOLLARD	UP TO 150W	2700K	GR (GREY)	10V (1-10V)	S(ne/zh)C(i/p) Smart Socket(S) (ne – nema /zh - zhaga) Controller(C) (i – IoT /p - photocell)	PTM(POLE TOP MOUNTING)
				3000K	SP (SPECIAL)	DAL (DALI)		

Example: For the bollard model Bollax LB with a power rating of 150W, CCT 2700K, Grey body colour, DALI dimmable controller, and a height of 950 mm, with Nema Socket and Photocell will be BLXLB-BLD-150W-2700K-GR-DAL-SneCp-PTM

TECHNICAL SPECIFICATION

LUMINAIRE DETAILS

PRODUCT NAME	BOLLAX LB
PRODUCT TYPE	LED COLUMN LIGHT
PRODUCT CODE	BLXLB-BLD-150W-XXXXK
MAXIMUM HOUSING POWER	UP TO 150W

HOUSING DETAILS

BODY MATERIAL	CORROSION-RESISTANT ALUMINIUM DIE-CAST
LENS	UV-STABILIZED POLYCARBONATE (PC) LENS
OPTICAL COVER TYPE	TOUGHENED GLASS
OPTICS	ASYMMETRIC
BODY COLOUR	GREY / SPECIAL

CHIP DETAILS

LIGHT SOURCE	SMD
AVAILABLE CCT	2700K - 3000K
MACADAM BINNING	STEP 4
CRI	≥80



TECHNICAL SPECIFICATION

OPTICAL DETAILS

BEAM ANGLE	99.6°
OPTICS	IES Type II (Short)
BUG RATING	B3-U0-G3
ULOR(Upward Light Output Ratio)	0% (U0 – Zero Uplight)

LUMINAIRE PERFORMANCE

LUMINAIRE FLUX	21,413 lm (@ 149.02 W Tested)
EFFICACY	143.69 lm/W

ENVIRONMENTAL CONDITIONS

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

PROTECTION & DURABILITY

IP RATING	IP66
IK RATING	IK09

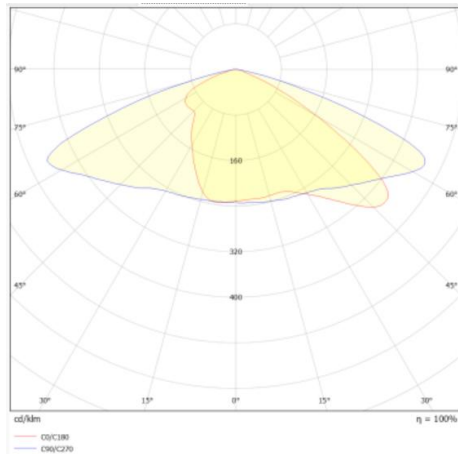
ELECTRICAL DETAILS

NOMINAL VOLTAGE	220–240 VAC
FREQUENCY	50/60 HZ
LED DRIVER CURRENT	700 mA
POWER FACTOR	≥0.90
RATED POWER	150W
THD	≤20%
CONTROL OPTIONS	DALI, 1–10V DIMMING

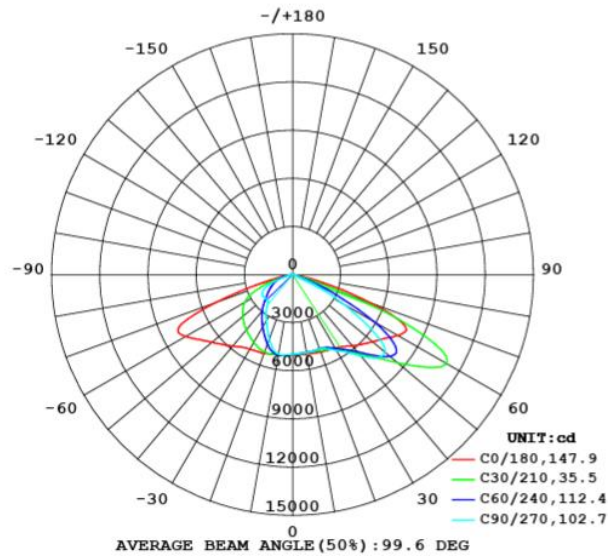
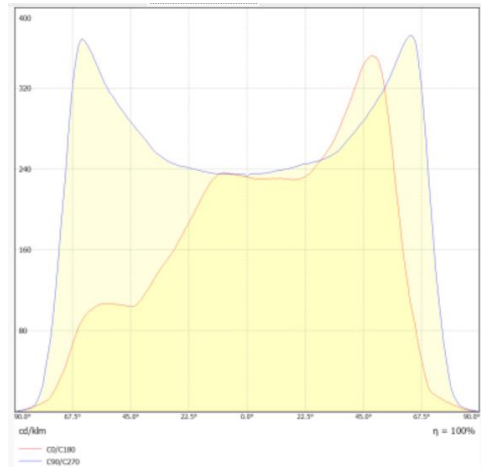


OPTICS & PHOTOMETRIC DETAILS

Polar Plot



Linear Plot



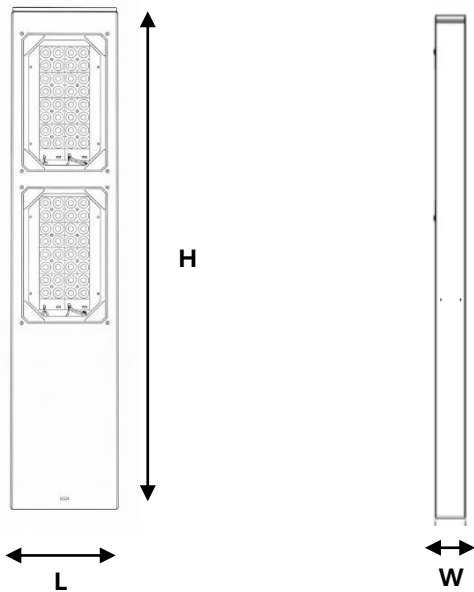
CUSTOM DIMMING PROFILE

The column light 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	950 mm
LENGTH	200 mm
WIDTH	80 mm
WEIGHT	13 Kg

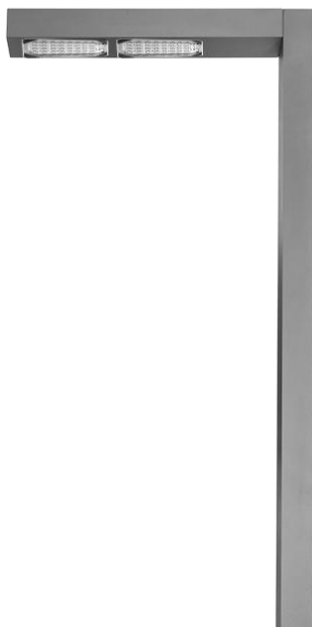
Note: Standard and custom heights are available upon request



MOUNTING TYPE



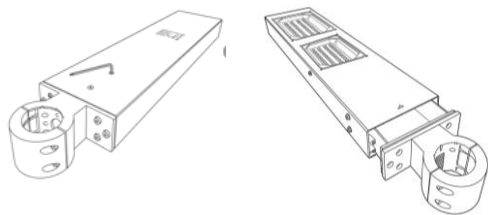
Pole-Top Spigot mounting



Pole Direct mounting

Note: Luminaire must be installed horizontally to be DarkSky Approved

GENERIC INSTALLATION STEPS

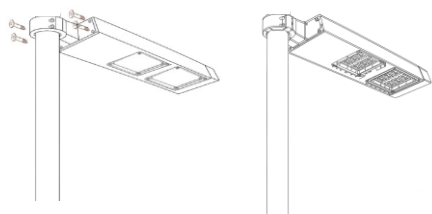
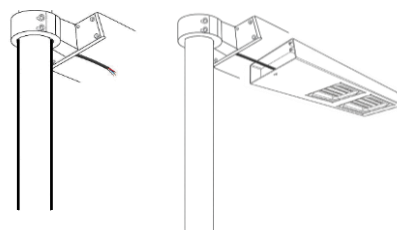


1. Pole Preparation

Remove the fixture body from the mounting/base plate and detach the arm cover. Secure the mounting accessory plate to the pole, route the supply cable through the cable entry, and ensure proper alignment.

2. Clamp Mounting

Mount the fixture arm onto the accessory plate, reinstall the arm cover, and tighten the fasteners securely. Pull the supply cable through the arm cavity and connect it to the fixture's IP65-rated power connector, ensuring all connections are properly insulated



3. Fixture Mounting

Align the fixture body with the mounting accessory plate secured to the pole, carefully position it onto the mounting plate, and ensure all locating features and fixing points are correctly engaged. Secure the fixture body using the M6 fastening screws located on the top fixing points of the fixture



Don't touch the LED



Do not dispose with
normal waste

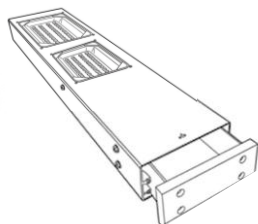


Ambient Temperature
Ta 50°

IP66



GENERIC INSTALLATION STEPS



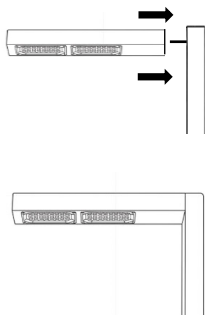
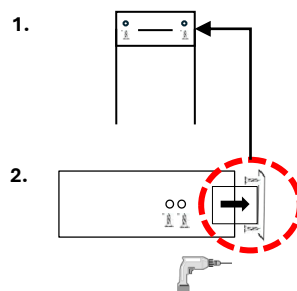
1. Base plate Mounting

Detach the base plate from the light fixture by removing the M6 Allen key screws from the base and the rear side of the fixture. Position the base plate on the square pole, align the mounting holes with the pole, and securely tighten the screws to fix the base plate firmly onto the pole.

2. Fixture Mounting

Reattach the base plate to the pole by aligning the mounting holes and securely fastening the M6 Allen key screws. (Refer to image 1) Then, slide the light fixture onto the installed base plate, align the rear mounting holes of the fixture, and tighten the screws securely to fix the bollard firmly onto the pole. (Refer to image 2)

Mounting top view



3. Wiring & Test

Slide the light fixture onto the installed baseplate, align the rear screw holes and securely fasten it. Connect the power cables and switch on the power supply to test the luminaire.



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normal waste



Ambient Temperature
Ta 50°

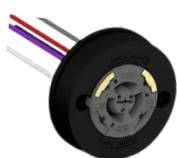
IP66



PRODUCT ACCESSORIES

Smart Sockets & Controllers

Smart Interfaces



NEMA 5-Pin



NEMA 7-Pin



Zhaga Book 18

Smart Controllers



NEMA Node



Zhaga Node

ES - External Glare Shield

