PM-BL03

LED BOLLARD LIGHT

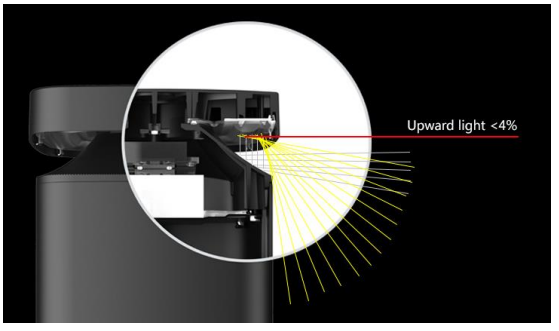
PREMIER
CUSTOM LIGHTING & DECOR EST. 1983

IK08 IP65 Intertek 5 YEARS WARRANTY 50000 HOURS

Job Information	
Project Name	
Type	
Location	
Quantity	
Date	

DESCRIPTION

The BL03 is a high-quality IP65-rated bollard light with a contemporary design. Its die-cast aluminum body, PC optical lens, and sophisticated surface finish transform and enhance the modern aesthetic of any landscape project. Certified with an IP65 rating, BL03 can withstand tough conditions and is resistant to seawater and corrosion. The professional optical solution provides fully anti-glare, comfortable light uniformity, achieving a 10-meter wide diameter light distribution with a very narrow dark zone directly beneath the fixture. Support for smart controls, such as DALI, Bluetooth, and radar sensors, is also available.



OVERVIEW

- 180° or 360° beam angles available
- Bluetooth, or photocell sensor optional
- IP65 and IK08
- Excellent corrosion resistance
- Custom height of 10” to 39” available

PERFORMANCE

MODEL NO.	PM-BL03-12	PM-BL03-24
POWER CONSUMPTION(±10%)	12 W	24 W
INPUT VOLTAGE	110-277VAC, 50/60 HZ	
LUMINOUS FLUX (±10%)	505 LM	1162 LM
EFFICACY(4000K RA80)	42 LM/W	48 LM/W
CCT	3000K/4000K	
COLOR RENDERING INDEX	>80	
BEAM ANGLE	180°/360°	
TOTAL LIGHT FLUX ABOVE 90°	<4%	
DIMMING	DALI	
CONTROL	RADAR SENSOR/BLUETOOTH/PHOTOCELL	
POWER FACTOR	>0.9	
FLICKER FACTOR	<5%	
THD	<20%	
MATERIAL	ALUMINUM BODY, PC LENS	
FINISH	POWDER COATING	
FIXTURE COLOR	BLACK/SILVER	
LUMINAIRE NET WEIGHT	2.55kG (5.62LBS) TO 5.7kG (12.56LBS)	
PRODUCT DIMENSION	7"x7"xH10"-39"	
IP RATING	IP65	
IK RATING	IK08	
WORKING TEMPERATURE	-30°C TO +45°C (-22F TO +113F)	
LIFESPAN OF LED @TA=25°C	50000 HOURS (BASED ON L70 REPORT)	
WARRANTY	5 YEARS	
APPLICATION	OUTDOOR APPLICATION SUCH AS PATHWAYS, PARKS, ETC	

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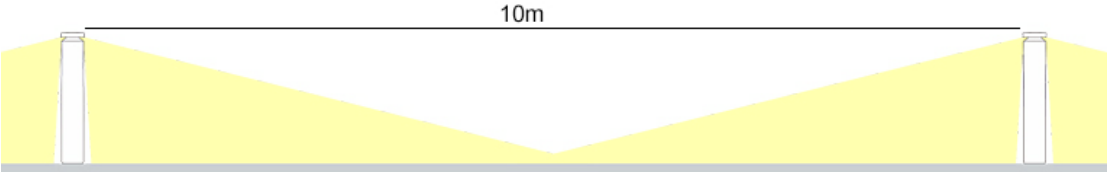
PRODUCT ORDERING GUIDE

EXAMPLE: PM-BL03-12-39-3000-180-80-D-B-PC

SERIES	WATTAGE	HEIGHT	CCT	BEAM ANGLE	CRI	DIMMING	FINISH	CONTROL OPTIONS
PM-BL03	12 24	10: 10 INCHES 39: 39 INCHES XX: 10 - 39 INCHES	3000 4000	180° 360°	80	D: DALI N: NONE	B: BLACK S: SILVER	PC: PHOTOCELL BT: BLUETOOTH



With 39” height bollards can be 33’ apart.

With10” height bollards can be 13’ apart.

FEATURES

Optics

180° Beam angle and 360° beam angle photometric options are available

Electrical

Voltage:	110-277 V AC, 50 / 60 Hz
Flicker Factor:	<5%
THD	<20%
Power Factor	>0.9

Environment & Certifications

cETL listed for wet locations

Warranty

5 years limited warranty

Finish

The powder-coated finish ensures a uniform appearance, offering long-term durability and superior aesthetics

Housing Material

Die-cast aluminum housing ensures durability and efficiency with anticorrosion protection for harsh environments.

LED System

CRI	With a 80+ color rendering index (CRI), this product delivers adequate illumination.
CCT	3000K or 4000K with excellent color consistency.

Control

- Photocell: Lights out 30 seconds after sunrise, lights on 5 seconds after sunset
- Bluetooth

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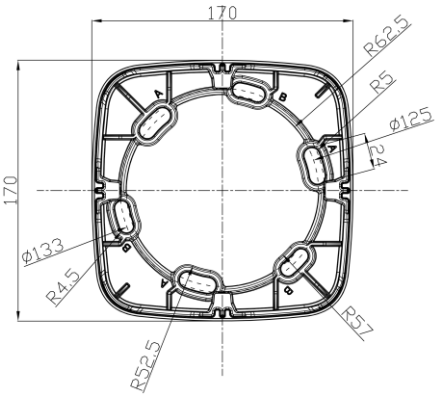
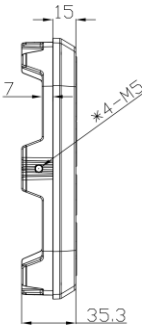
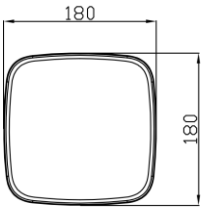
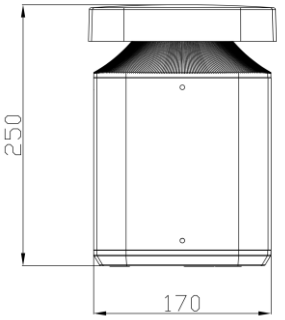
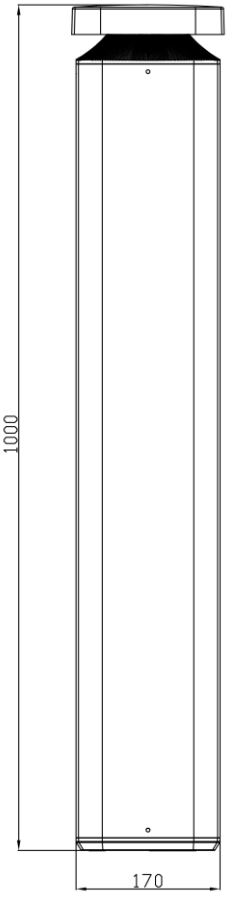
DIMENSIONS











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ACCESSORIES

EXPANSION SCREW

Ø12x60mm

IP68 WATERPROOF CONNECTOR

99x25mm

IP68 WATERPROOF CONNECTOR

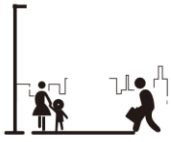
140x72mm

APPLICATION

Public Spaces

Parks and Cycle Paths

Squares and Monuments



Large Pedestrian Areas

City Streets in Historic Centers

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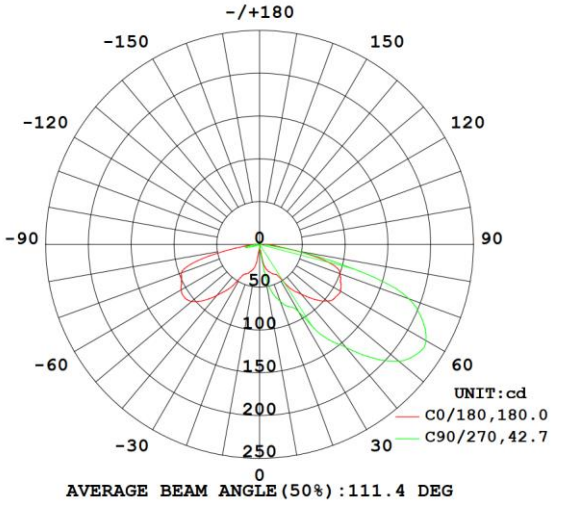
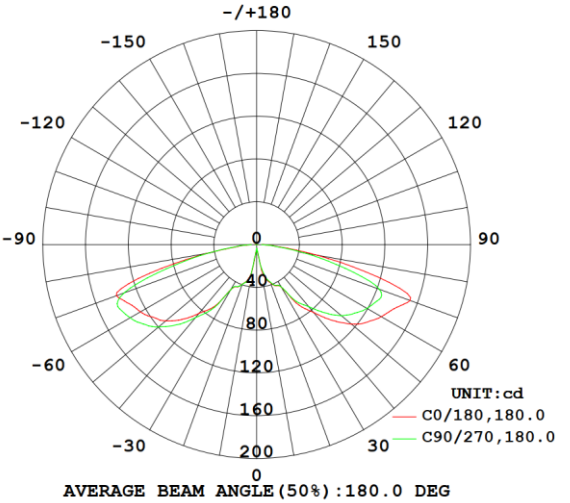
PHOTOMETRIC DIAGRAM

180°, 3000K, 12W, H600mm



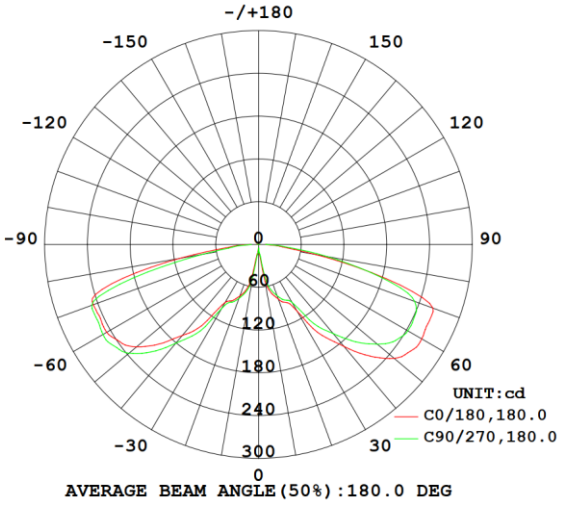
AVERAGE BEAM ANGLE(50%):111.4 DEG

360°, 3000K, 12W, H250mm



AVERAGE BEAM ANGLE(50%):180.0 DEG

360°, 3000K, 24W, H1000mm



AVERAGE BEAM ANGLE(50%):180.0 DEG

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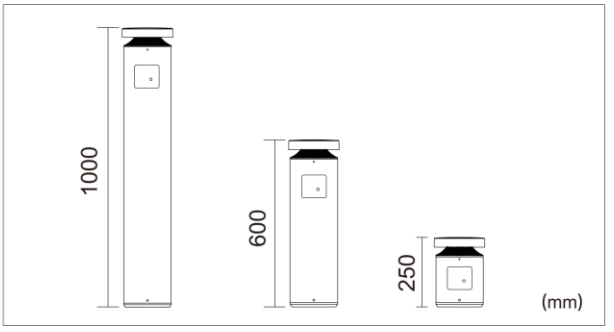
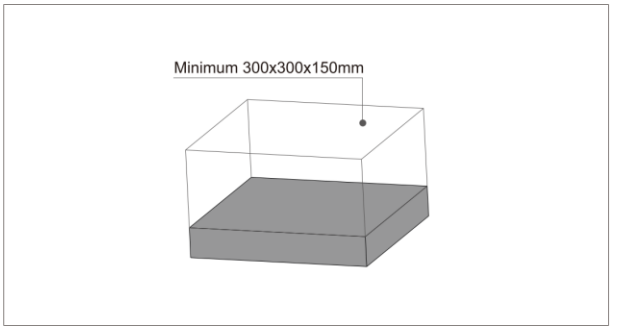
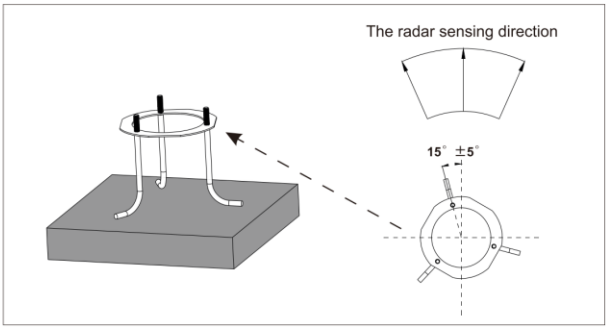
INSTALLATION INSTRUCTIONS

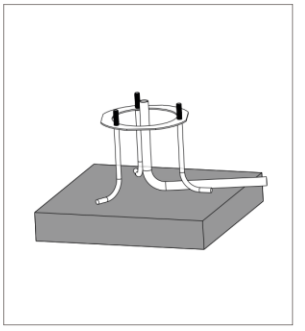




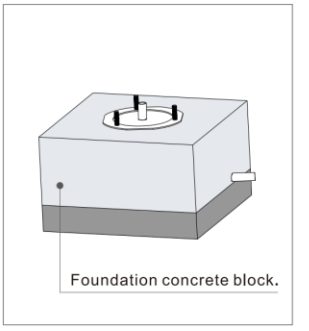
1. Dig a hole with minimum size 300x300x150mm



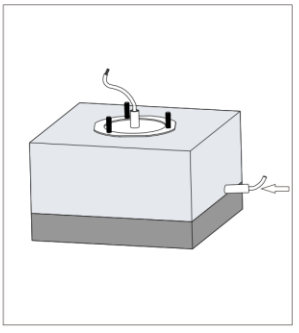
2. Put the L-type bracket into the hole
(Pay attention to the radar sensing direction)



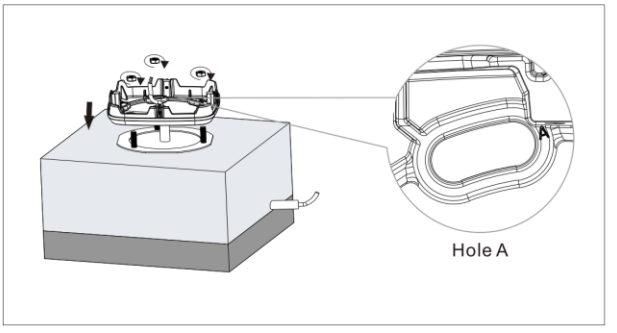
3. Install the conduit tube



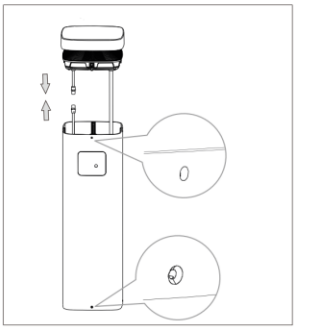
4. Make sure the bracket plate is flat
with ground .



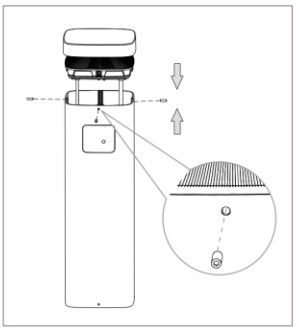
5. Put the wire through conduit tube



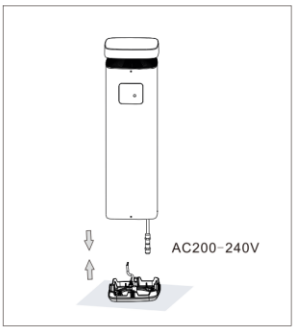
6. Fix the mounting plate to the L-type bracket



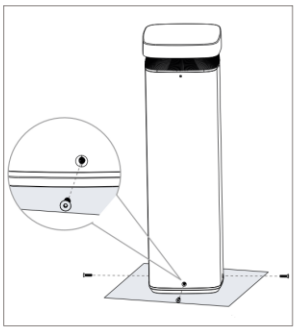
7. Connect the wires



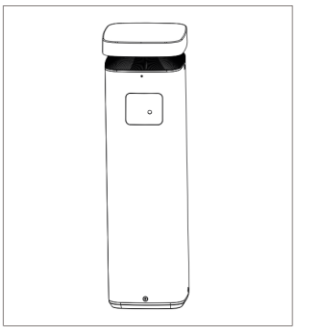
8. Fix the bollard head and bollard tube



9. Connect the bollard wire to the
electricity cable



10. Fix the bollard tube onto the
mounting base, Pay attention to the
radar sensing direction.



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