

PM-BL07

LED BOLLARD LIGHT SPECIFICATIONS



Job Information

Project Name	
Type	
Location	
Quantity	
Date	

DESCRIPTION

The BL07 is a high quality IP66 rated bollard light offering symmetrical or asymmetrical light distribution. It is available in a wide range of height options to suit diverse outdoor applications and is complemented by matching wall-mounted fixtures for a cohesive lighting design. Constructed with a durable aluminum body and a high-impact polycarbonate lens, the BL07 also features selectable CCT and wattage, providing maximum flexibility in the field. Certified with an IP66 rating and strong anti-corrosion dual coat finish, BL07 can withstand tough conditions and has passed >500H salt spray test.

OVERVIEW

- IP66 and IK10
- Excellent corrosion resistance
- Matching wall light

PERFORMANCE

MODEL NAME	PM-BL07
POWER CONSUMPTION(±10%)	14/10.5/7/4.2W (SELECTABLE) 25/18.75/12.5/7.5W (SELECTABLE)
INPUT VOLTAGE	120-277VAC, 50/60 HZ
LUMINOUS FLUX (±10%)	1820 LM @ 22W, 4000K, Ra70 3250 LM @ 22W, 4000K, Ra70
EFFICACY (4000K RA80)	130 Lm/W
DIMMING	1-10V (Available Only For Single Power)
CCT	3000K/4000K/5000K (Selectable)
CRI	70/80
BEAM	V R06401
SURGE PROTECTION	6kV LINE-LINE, 15kV LINE-EARTH
POWER FACTOR	>0.9
MATERIAL	Aluminum Body, PC Lens
FINISH	Powder Coating
FIXTURE COLOR	Black
LUMINAIRE NET WEIGHT	2.4kG (5.3LBS) TO 4.6kG (10.14LBS)
PRODUCT DIMENSION	Ø8"xH19"-42"
IP RATING	IP66
IK RATING	IK10
APPLICATIONS	Outdoor (Such Pathways, Park, etc)
OPERATION TEMPERATURE	-30°C TO +45°C (-22F TO +113F)
CERTIFICATIONS	cETL Listed
WARRANTY	5 Years
LIFESPAN OF LED @TA=25°C	46000 HRS, L90 91000 HRS, L80 153000 HRS, L70



SPECIFICATIONS

■ OPTICS

Low glare and dark-sky friendly.

■ ELECTRICAL

Voltage: 120-277VAC
Power Factor: >0.9

■ ENVIRONMENT & CERTIFICATIONS

Suitable for wet locations

■ WARRANTY

5 years limited warranty

■ CONTROL

1-10V dimming.

■ 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 Selectable 3000K, 4000K or 5000K with excellent color consistency

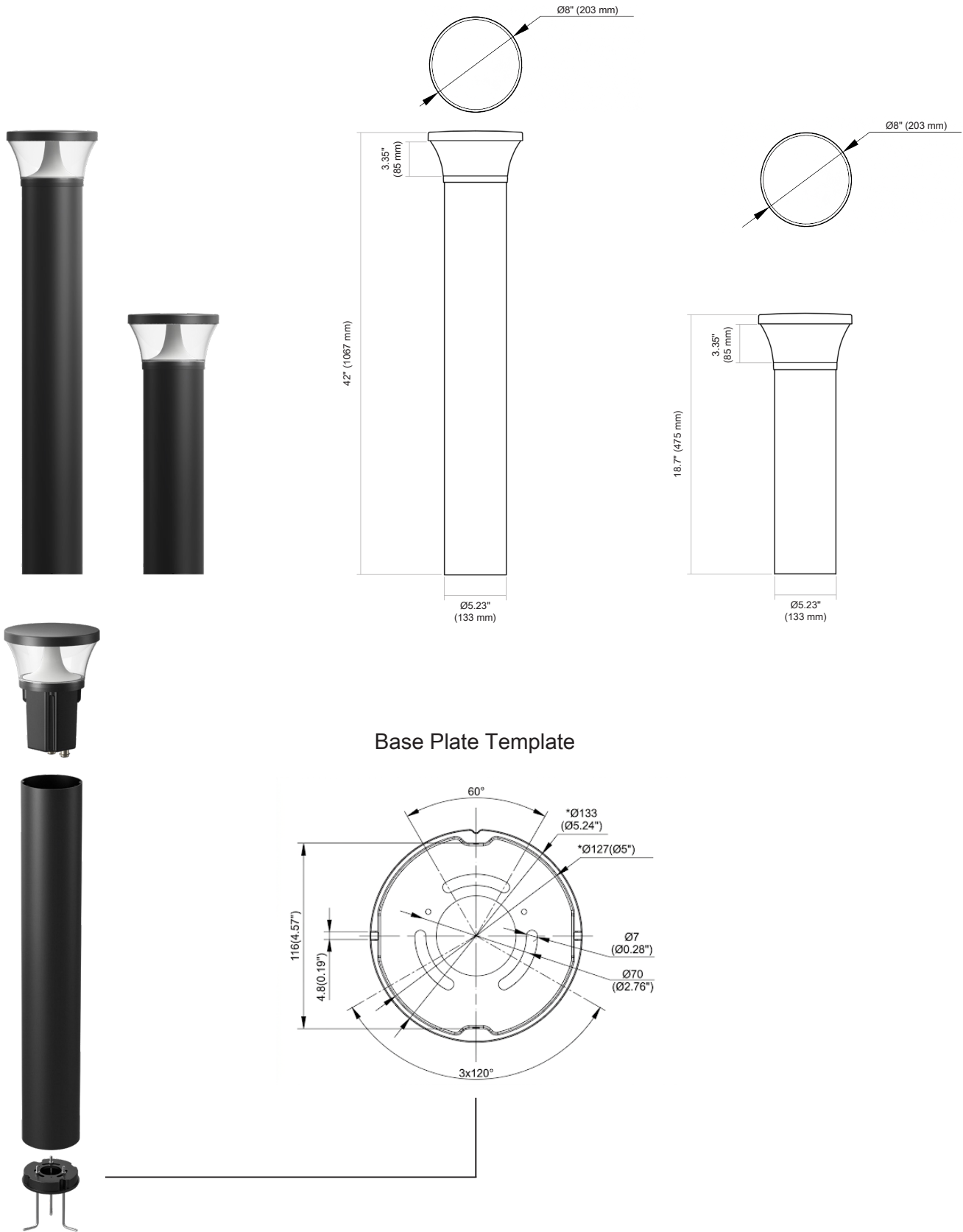
■ ACCESSORIES

Backfilled anchor is available for installation.
Poly opal lens for low UGR optics available.

PM-BL07

LED BOLLARD LIGHT SPECIFICATIONS

PRODUCT MODEL & DIMENSIONS



PM-BL07

LED BOLLARD LIGHT SPECIFICATIONS

PRODUCT ORDERING GUIDE

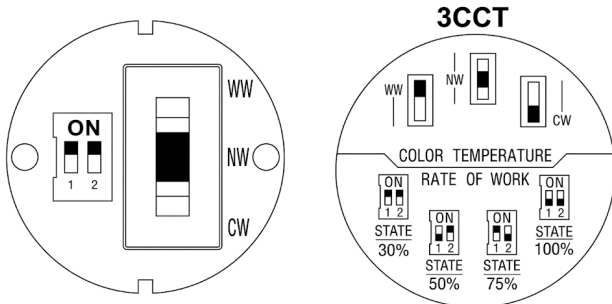
EXAMPLE: PM-BL07-25-42-180-80-V-BA

PM-BL07	-25	-42	-180	-80	-V	-BA
Series	Wattage	Height	Illumination	CRI	Dimming	Accessories

SERIES	WATTAGE	HEIGHT	ILLUMINATION	CRI	DIMMING	ACCESSORIES
PM-BL07	14: 14W	19: 19 Inches	180: 180° Asymmetrical	70	V: 1-10V ①	BA: Backfilled Anchore
	25: 25W	42: 42 Inches	360: 360° Symmetrical	80	N: None	PA: Poly Opla Lens
	WS: Watt Selection	XX: 19 - 42 Inches				PIR: PIR Microwave Sensor

① Dimming Only Available For Single Power

CCT SELECTABLE



ACCESSORIES



Backfilled Anchor

Ø 5.12" x 19.88" (130x508mm)

PM-BL07

LED BOLLARD LIGHT SPECIFICATIONS

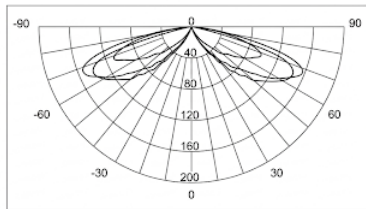
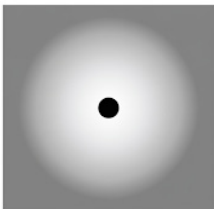


FINISHING COLOR

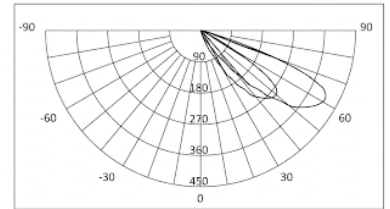
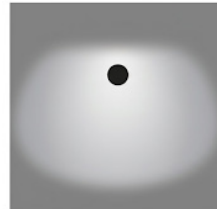


Black

LIGHT DISTRIBUTION



360° Coverage



180° Coverage

PM-BL07






LED BOLLARD LIGHT SPECIFICATIONS

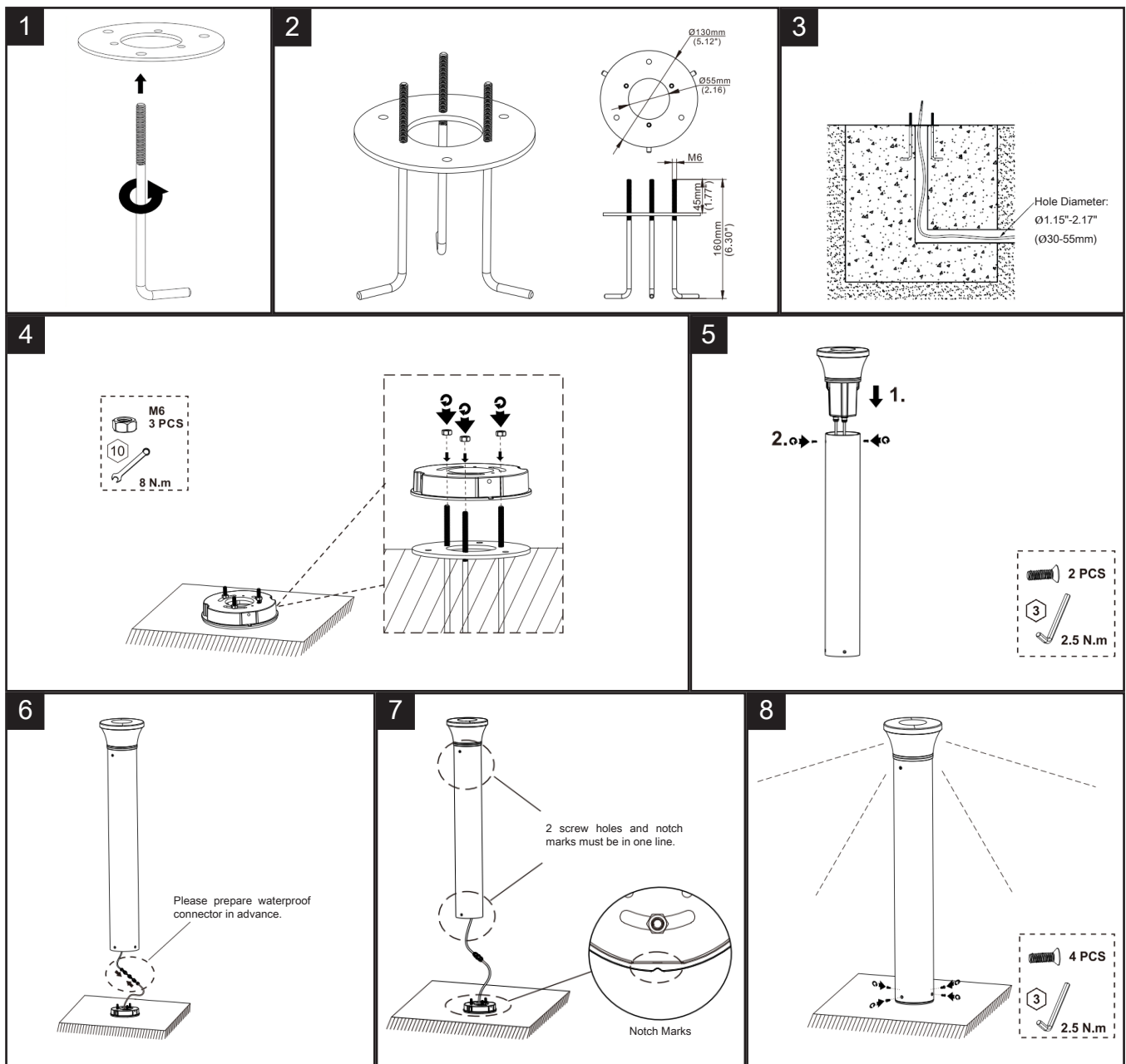
INSTALLATION INSTRUCTIONS

Please read these instructions carefully before commencing installation and retain for future reference. If in doubt, we advise that you consult a qualified electrician to install the product. These products must not be modified. If any modification is made it may invalidate the warranty and may render the product unsafe. All electrical installations must be carried out according to national electrical code & local regulations.

Important Safety Notes

1. Switch off the electricity at the mains before commencing installation (if a fuse box is used) remove the appropriate circuit fuse to avoid accidental switching on of the mains supply.
2. Connect to a 120-277V supply in accordance with relevant electrical standards.
3. Make sure all connections are tight with no loose strands.
4. Ensure fire regulations are not breached when fitting your lights.
5. If you are in any doubt regarding these instructions, consult a qualified electrician.

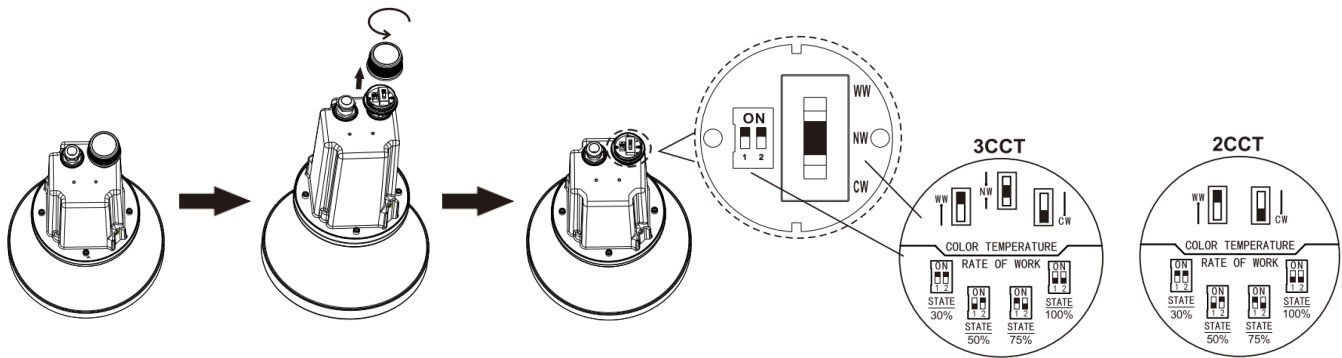
Packing List		
	Base plate template	1PCS
	Screw fixing plate	1PCS
	Screw M5*16	6PCS
	Screw M6	3PCS
	Nut M6	3PCS



PM-BL07

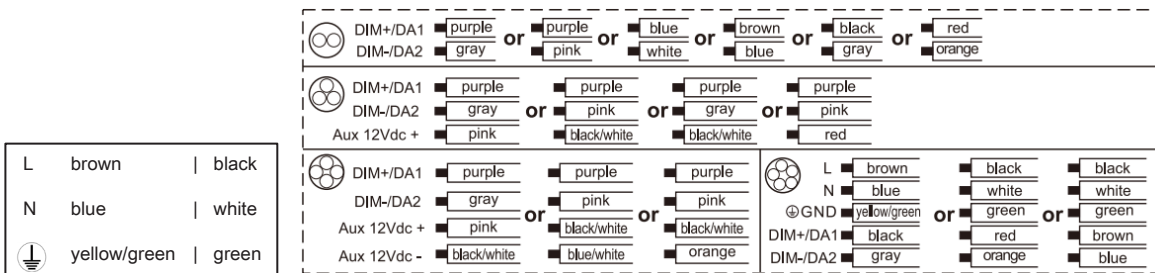
LED BOLLARD LIGHT SPECIFICATIONS

POWER & CCT SELECTABLE



PRODUCT SPECIFICATION	14 W		25 W	
INPUT VOLTAGE	100-277 VAC / 120-277 VAC (Subject to the input voltage on nameplate)			
POWER FREQUENCY	50 / 60 Hz			
SIZE	ø8"x18.70" (ø203x475mm)	ø8"x42" (ø203x1067mm)	ø8"x18.70" (ø203x475mm)	ø8"x42" (ø203x1067mm)
NET WEIGHT	8.38±0.66Lbs (3.8±0.3kg)	12.35±0.66Lbs (5.6±0.3kg)	8.38±0.66Lbs (3.8±0.3kg)	12.35±0.66Lbs (5.6±0.3kg)
WORKING TEMPRATURE	-30°C TO +45°C (-22F TO +113F)			
STORING TEMPRATURE	-40°C TO +70°C (-40F TO +158F)			

Dimming



Warning! Do not wire DIM cord to high voltage, or DIM function will fail.

- This luminaire can be outdoor use.
- For type Y attachments:
If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- The light source contained in this luminaire shall be only replaced by the manufacturer or his service agent or a similar qualified person.