CAP

MINI CAP - BOLLARD ROOT MOUNT BASE

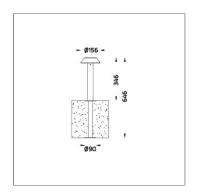
BOLLARD

LAST UPDATE: 24-10-2025





The CAP range is a fresh range of bollards and low mounted pole lights. Designed from scratch with the latest lighting requirements in mind. The highly efficient LEDs are shielded and emit no upward light. The light engine features great color consistency, excellent color rendering index and dimming options. Specification grade optics make the medium sized version a highly competitive lighting tool for demanding professional lighting tasks. With its compact dimensions the small sized CAP is a smart solution for residential lighting projects. Regardless of size the prewired supply cable, numerous mounting solutions and minimized amount of screws assure a simplified installation process.



Technical Data



Ordering Code : 7877-0-3-590-XX

Lamp: LED CCT: 3000 K CRI: CRI >80 SDCM = 3SDCM: Lamp Lumen: 1030 lm Luminaire Lumen : 560 lm Lamp Wattage: 3.5 W Luminaire Wattage: 6.9 W Efficacy: 81 lm/W Ambient Temperature : 40°C

Lumen Maintenance L80B10 >60,000 h

Controller : On-Off

Input Voltage: 220-240Vac 50/60Hz

Net Weight : - kg.

Ordering code guide

B D |

XXXX-X-X-XXX-XX

A C E

A Product Code
B Reflector
C Electrical Component
D Lamp
E Color



Icon definition

online@unilamp.co.th

www.unilamp.co.th



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Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-1 Fixed Luminaires

Protection IP66 Class I

IK Rating Protection against mechanical impact IKO8 on body.

Luminaires Body Housing Durable high-pressure die-cast aluminum alloy for excellent mechanical performance.

Extruded 6063 aluminum body with minimal copper content for corrosion resistance.

Coating Process The luminaire undergoes a Nano Ceramic surface conversion, making it highly resistant to corrosive environments. It is primarily

coated with a durable epoxy resin and finished with a UV-stabilized polyester powder top coat. The coating process is completed by curing the luminaire in a digitally controlled temperature chamber at 200°C, ensuring exceptional durability and long-lasting

protection aga

Diffuser Impact-resistant tempered glass designed for high-temperature environments.

Gasket Advanced post-cured silicone gasket offering superior weather and thermal resistance (-40°C to +200°C).

External Screws Durable stainless steel screws with anti-corrosion grease for extended lifespan.

Cable Entry M16 cable gland for secure cable entry, compatible with HO5RN-F/HO7RN-F cables [5–10mm].

Led Premium LED module with top-tier chips, mounted on MCPCB for heat efficiency.

Driver Certified constant current LED driver meeting all EMC and safety requirements.

Internal Wire Reliable silicone-insulated tinned copper internal wire, designed for -40°C to +180°C.

Pre-Wire Cable Certified pre-wired 3x0.1.0 sqmm cable, featuring H07RN-F neoprene insulation.

Integrated anti-humidity kit preventing moisture buildup and ensuring longevity.

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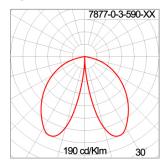
Caution Installation must be performed as per the provided installation instructions.

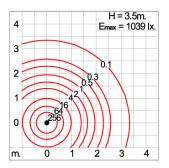
Confirm water drainage system effectiveness before installation.

Color



Light Distribution







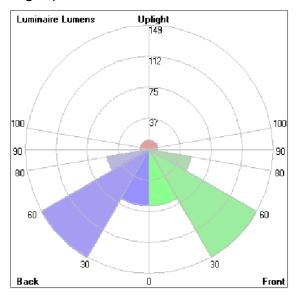
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Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	67.6	6.6	12.1
FM	[30-60]	149.1	14.5	26.6
FH	[60-80]	51.0	5.0	9.1
FVH	[80-90]	5.3	0.5	0.9
BL	[0-30]	67.6	6.6	12.1
вм	[30-60]	149.1	14.5	26.6
вн	[60-80]	51.0	5.0	9.1
BVH	[80-90]	5.3	0.5	0.9
UL	[90-100]	3.6	0.3	0.6
UH	[100-180]	10.5	1.0	1.9
Total		560.1	54.5	100.0
BUG Rati	ng	BO-U2-GO		

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Accessories



Ordering Code: AUN-CON-0013-00 IP68 connection device, cable diameter 7-11.5mm, On-Off