

# CAP

## MINI CAP – BOLLARD ROOT MOUNT BASE

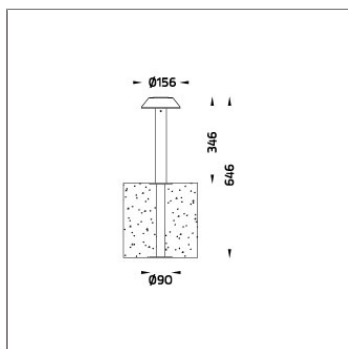
### BOLLARD



LAST UPDATE: 16-02-2026



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 :	7877-0-3-478-XX
Lamp :	LED
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	1070 lm
Luminaire Lumen :	780 lm
Lamp Wattage :	7.1 W
Luminaire Wattage :	7.1 W
Efficacy :	109 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L80B10 >60,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	- kg.

### Ordering code guide

XXXX-X-X-XXX-XX  
A B C D E

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



Icon definition

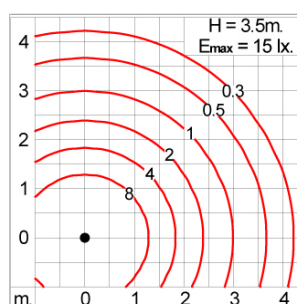
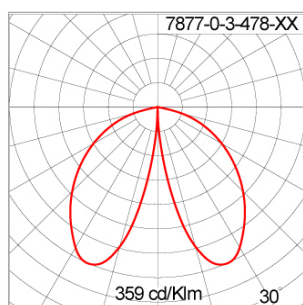
\*Due to the constancy of product development,  
we reserve the right to alter all specification  
without prior notice.

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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 IK08 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 3x0.10 sqmm cable, featuring HO7RN-F neoprene insulation. Integrated anti-humidity kit preventing moisture buildup and ensuring longevity.
Caution	Installation must be performed as per the provided installation instructions. Confirm water drainage system effectiveness before installation.
Color	<div> <div>Black 01</div> <div>Graphite 02</div> <div>Dark Grey 03</div> <div>Aluminum Silver 04</div> <div>White 06</div> </div>

### Light Distribution



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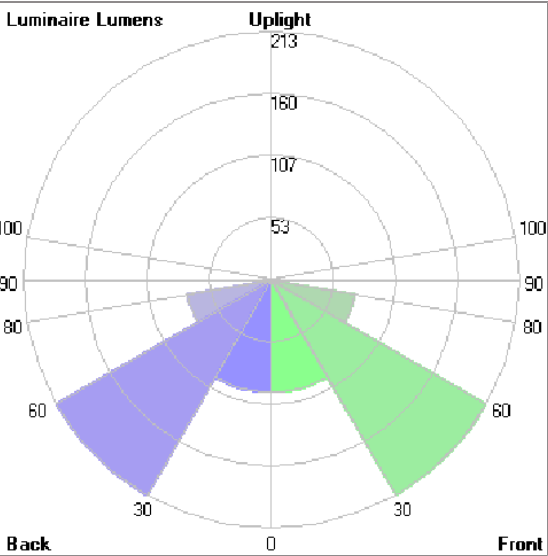
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#### Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	96.6	12.4	12.4
FM	[30-60]	213.1	27.3	27.3
FH	[60-80]	73.0	9.4	9.4
FVH	[80-90]	7.5	1.0	1.0
BL	[0-30]	96.6	12.4	12.4
BM	[30-60]	213.1	27.3	27.3
BH	[60-80]	73.0	9.4	9.4
BVH	[80-90]	7.5	1.0	1.0
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	0.0	0.0	0.0
Total		780.4	100.2	100.0
BUG Rating		BO-UO-GO		

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#### Accessories



#### Ordering Code:

AUN-CON-0013-00

IP68 connection device,  
cable diameter 7–11.5mm,  
On-Off

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