

# POM

## POM OPAL – BOLLARD

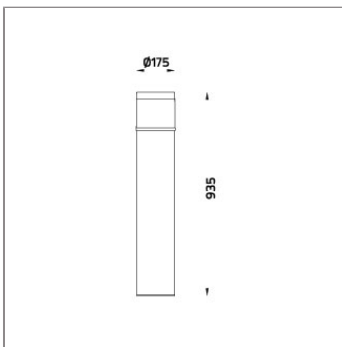
### BOLLARD



LAST UPDATE: 17-05-2024



POM is a family of unshielded bollard and wall light with symmetrical diffused light distribution. High power COB LED is installed inside this luminaire. It is available in three color temperature 2700K, 3000K or 4000K. HID light source and E27 holder for Led retrofit lamps is also available. The impact resistant PC lens cover is available in prismatic and opal, both producing a uniform wide beam light distribution. POM is generally installed in the walk ways, parks, gardens, commercial areas and open spaces where general lighting is needed. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.



### Technical Data



Ordering Code :	7150-0-5-506-XX
Lamp :	LED
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	3160 lm
Luminaire Lumen :	1410 lm
Lamp Wattage :	23 W
Luminaire Wattage :	28 W
Efficacy :	50 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	DALI
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	6.20 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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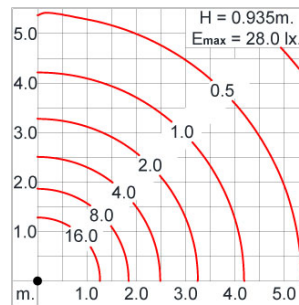
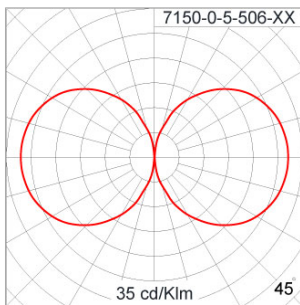


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#### Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires												
Protection	IP65 Class II												
IK Rating	Protection against mechanical impact IK10 on body and optical part.												
Luminaires Body Housing	High-pressure die cast aluminum alloy body and components. Extruded aluminum 56063 alloy body with low copper content.												
Coating Process	Nano Ceramic surface conversion, resistant to corrosive environment. Luminaire primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C.												
Diffuser	Self-extinguishing high impact resistant opal polycarbonate diffuser with UV stabilized additive.												
Gasket	Weather resistant silicone gasket. Working temperature -40°C to +200°C.												
External Screws	External screws are in stainless steel with protection grease.												
Cable Entry	Cable entry protected by weather proof grommet. To be used with HO5RN-F/ HO7RN-F cable with 6-13mm. diameter.												
Led	High efficiency LED module in COB technology. Assembled on MCPCB and mounted on to heat conductive material.												
Driver	High quality DALI Driver in constant current. Conform to applicable safety standards and electromagnetic compatibility.												
Internal Wire	Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.												
Terminal Block	Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved.												
Pre-Wire Cable	Pre-wired with 5-core cable for power (3x1 sqmm.) and dimming signal (2x0.35 sqmm.). Equipped with anti-humidity kit.												
Caution	Installation work has to be carried on according to the enclosed installation manual.												
Color	<table><tr><td></td><td>Black O1</td></tr><tr><td></td><td>Graphite O2</td></tr><tr><td></td><td>Dark Grey O3</td></tr><tr><td></td><td>Aluminum Silver O4</td></tr><tr><td></td><td>White O6</td></tr><tr><td></td><td>Wooden Brown O7</td></tr></table>		Black O1		Graphite O2		Dark Grey O3		Aluminum Silver O4		White O6		Wooden Brown O7
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	Graphite O2												
	Dark Grey O3												
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	White O6												
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#### Light Distribution



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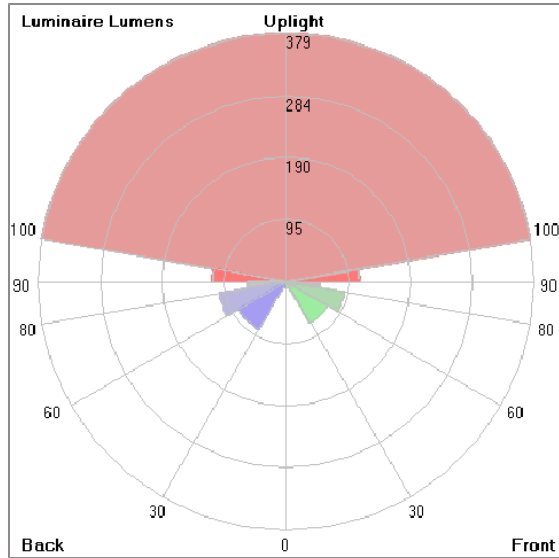
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#### Bug Report



#### Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	9.5	0.3	1.0
FM	[30-60]	72.3	2.3	7.4
FH	[60-80]	90.4	2.9	9.3
FVH	[80-90]	51.9	1.6	5.3
BL	[0-30]	11.0	0.3	1.1
BM	[30-60]	83.6	2.6	8.6
BH	[60-80]	104.1	3.3	10.7
BVH	[80-90]	59.7	1.9	6.1
UL	[90-100]	111.8	3.5	11.5
UH	[100-180]	379.3	12.0	39.0
Total		973.6	30.7	100.0
BUG Rating				BO-U3-G1

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#### Accessories



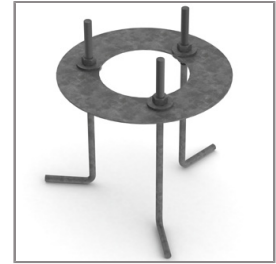
Ordering Code:  
AUN-CON-0011-00  
IP68 connection device,  
cable diameter 7.1-13mm,  
1-10V or DALI



Ordering Code:  
AUN-CON-0012-00  
IP68 connection device 5  
pole, cable diameter  
7.1-13mm, with distribution  
block , 1-10V or DALI



Ordering Code:  
AUN-CON-0014-00  
IP68 connection device,  
cable diameter 8-12.5mm,  
1-10V or DALI



Ordering Code:  
AUN-ACB-0001-00  
Anchor bolt kit, bollard