

POM

POM PRISMATIC – BOLLARD

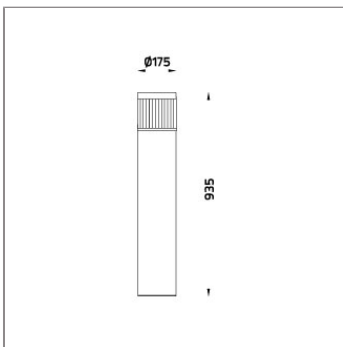
BOLLARDS



LAST UPDATE: 21-02-2024



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 :	7151-O-2-495-XX
Lamp :	TC-TSE
Socket	E27
CCT :	2700-6500 K
Lamp Lumen :	1500 lm
Luminaire Lumen :	1500 lm
Lamp Wattage :	23 W
Luminaire Wattage :	23 W
Ambient Temperature :	25°C
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	5.50 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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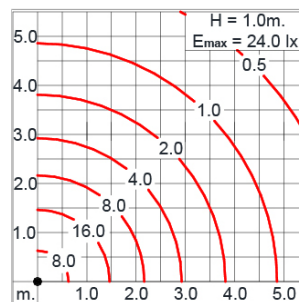
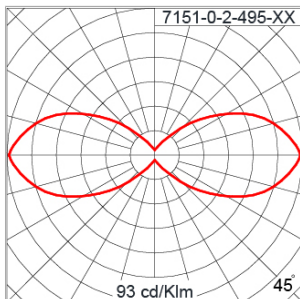


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Specification

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 IK08 on optical part.
Luminaires Body Housing	High-pressure Die Cast Aluminium alloy body and components. Extruded Aluminium S6063 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 prismatic 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 H05RN-F/ H07RN-F cable with 6-13mm. diameter.
Lamp Holder	E27 lampholder in ceramic body. VDE/ ENEC approved.
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.
Caution	Installation work has to be carried on according to the enclosed installation manual.
Color	<div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>Black 01 Graphite 02 Dark Grey 03 Aluminium Silver 04 White 06 Wooden Brown 07</div></div>

Light Distribution



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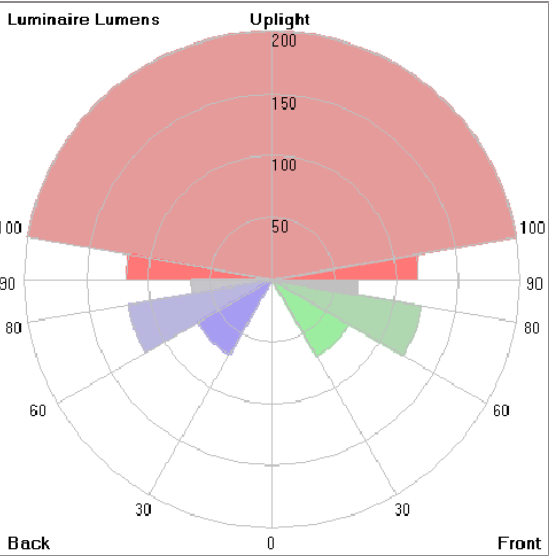
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Bug Report



Lum. Classification System [LCS]				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	2.9	0.2	0.3
FM	[30-60]	71.5	4.8	8.5
FH	[60-80]	122.2	8.1	14.6
FVH	[80-90]	69.8	4.7	8.3
BL	[0-30]	2.7	0.2	0.3
BM	[30-60]	69.4	4.6	8.3
BH	[60-80]	118.1	7.9	14.1
BVH	[80-90]	65.3	4.4	7.8
UL	[90-100]	117.7	7.8	14.0
UH	[100-180]	200.3	13.4	23.8
Total		839.9	56.1	100.0
BUG Rating		B1-U3-G1		

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Accessories



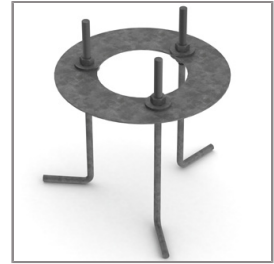
Ordering Code:
AUN-CON-0009-00
IP68 Water Tight
Connecting Device, 3 Pole,
Cable Diameter 5.0 –
9.5mm.



Ordering Code:
AUN-CON-0010-00
IP68 Water Tight
Connecting Device with
Distribution block, 3 pole, 1
input, 2 outputs, Cable
Diameter 5.0 – 9.5mm.



Ordering Code:
AUN-CON-0013-00
IP68 Water Tight
Connecting Device, 3 Pole,
Cable Diameter 7 – 11.5mm.



Ordering Code:
AUN-ACB-0001-00
Anchor Bolt Kit for Bollard