

# POM

## POM OPAL – BOLLARD

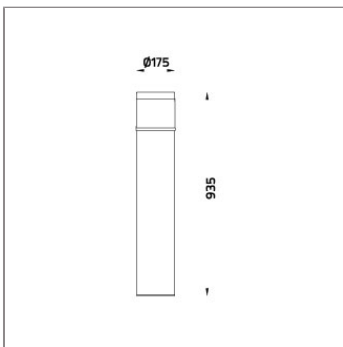
### BOLLARDS



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 :	7150-O-3-785-XX
Lamp :	HIE-CE
Socket	E27
CCT :	3000-4200 K
Lamp Lumen :	5900 lm
Luminaire Lumen :	5900 lm
Lamp Wattage :	70 W
Luminaire Wattage :	70 W
Ambient Temperature :	25°C
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	5.80 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.

Unilamp Co., Ltd.  
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand  
Tel : +66(0)2 943 2420-1, +66(0)2 946 4170-1  
Fax : +66(0)2 943 2419  
online@unilamp.co.th  
www.unilamp.co.th

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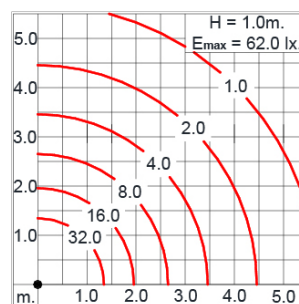
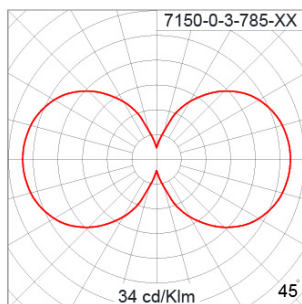


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#### Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires												
Protection	IP65 Class I												
IK Rating	Protection against mechanical impact IK10 on body and 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 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 H05RN-F/ H07RN-F cable with 6-13mm. diameter.												
Lamp Holder	E27 lampholder in ceramic body. VDE/ ENEC approved.												
Ballast	Electronic ballast for HID lamp. ENEC approved.												
Internal Wire	Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C. HID control gear wired with double insulated silicone cable and compatible to be operated under ignition voltage up to 5KV.												
Terminal Block	Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved. Class1 luminaire provided with the earth connection.												
Caution	Installation work has to be carried on according to the enclosed installation manual.												
Color	<table><tr><td></td><td>Black 01</td></tr><tr><td></td><td>Graphite 02</td></tr><tr><td></td><td>Dark Grey 03</td></tr><tr><td></td><td>Aluminium Silver 04</td></tr><tr><td></td><td>White 06</td></tr><tr><td></td><td>Wooden Brown 07</td></tr></table>		Black 01		Graphite 02		Dark Grey 03		Aluminium Silver 04		White 06		Wooden Brown 07
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#### Light Distribution



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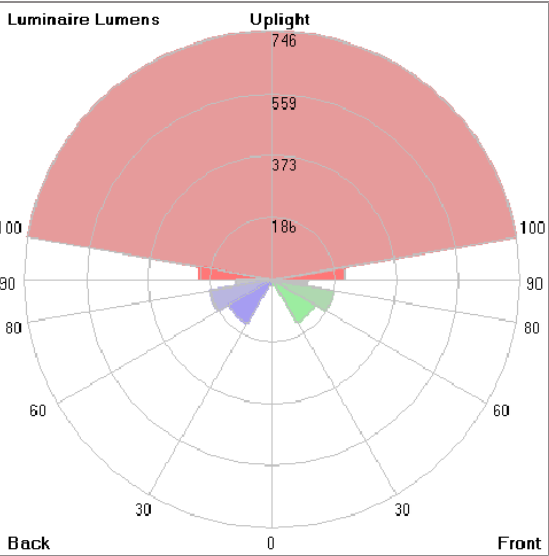
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#### Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	19.8	0.3	1.0
FM	[30-60]	149.6	2.5	7.9
FH	[60-80]	187.6	3.2	9.9
FVH	[80-90]	108.4	1.8	5.7
BL	[0-30]	20.7	0.4	1.1
BM	[30-60]	152.5	2.6	8.0
BH	[60-80]	189.4	3.2	10.0
BVH	[80-90]	108.9	1.8	5.7
UL	[90-100]	218.2	3.7	11.5
UH	[100-180]	745.6	12.6	39.2
Total		1900.7	32.1	100.0
BUG Rating		B1-U4-G2		

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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