AGAR

AGAR BOLLARD

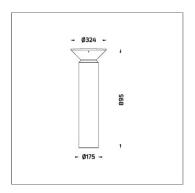
BOLLARD



LAST UPDATE: 09-04-2025



AGAR a range of wall light and bollard with COB LED which are generally installed in the walk ways, parks and open spaces. The vandal resistant polycarbonate diffuser is available in prismatic or opal option. AGAR spreads the light evenly on walls and surfaces and at the same time provides glare free comfortable light distribution for the architectural environment as well as being an eye—catching object. Three color temperatures with a high CRI makes AGAR suitable for professional lighting application. The bollard height can be customized according to specific requirement. Version with HID lamps and E27 holder for Led retrofit lamps are also available on request. An anchorage unit is available as an accessory.



Technical Data



Ordering Code : 7123-0-3-891-XX

Lamp: LED CCT: 4000 K CRI: CRI >80 SDCM = 3SDCM: Lamp Lumen: 3390 lm Luminaire Lumen : 1660 lm Lamp Wattage: 23 W Luminaire Wattage: 28 W Efficacy: 59 lm/W Ambient Temperature : 40°C

Lumen Maintenance L70B10 >90,000 h

Controller: On-Off

Input Voltage: 220-240Vac 50/60Hz

Net Weight: 7.12 kg.



Icon definition

online@unilamp.co.th www.unilamp.co.th



AGAR BOLLARD

BOLLARD



LAST UPDATE: 09-04-2025

Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-1 Fixed Luminaires

Protection IP65 Class II

IK Rating Protection against mechanical impact IK08 on body and optical part.

Luminaires Body Housing High-pressure die cast aluminum alloy body and components.

Coating Process Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare 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.

Extruded aluminum S6063 alloy body with low copper content.

Gasket Post-cured treated silicone gasket. Temperature and weather resistant. 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 constant current LED driver. Conform to safety standard and electromagnetic compatibility standard.

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 2x1.0 sqmm. HO7RN-F neoprene cable. IMQ approved.

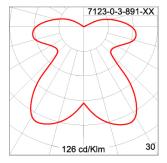
Equipped with anti-humidity kit.

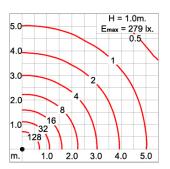
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



Light Distribution





AGAR

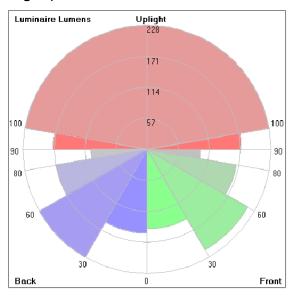
AGAR BOLLARD

BOLLARD



LAST UPDATE: 09-04-2025

Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	145.8	4.3	8.7
FM	[30-60]	212.2	6.3	12.7
FH	[60-80]	165.6	4.9	9.9
FVH	[80-90]	96.9	2.9	5.8
BL	[0-30]	153.3	4.5	9.2
ВМ	[30-60]	227.6	6.7	13.6
ВН	[60-80]	168.9	5.0	10.1
BVH	[80-90]	102.3	3.0	6.1
UL	[90-100]	172.0	5.1	10.3
UH	[100-180]	226.4	6.7	13.5
Total		1671.0	49.4	100.0
BUG Rating		B1-U3-G2		

AGAR

AGAR BOLLARD

BOLLARD



LAST UPDATE: 09-04-2025

Accessories



Ordering Code: AUN-CON-0009-00 IP68 connection device, cable diameter 5-9.5mm, On-Off



Ordering Code: AUN-CON-0010-00 IP68 connection device 3 pole, cable diameter 5-9.5mm, with distribution block



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



Ordering Code: AUN-ACB-OO01-OO Anchor bolt kit, bollard