

AGAR

AGAR BOLLARD

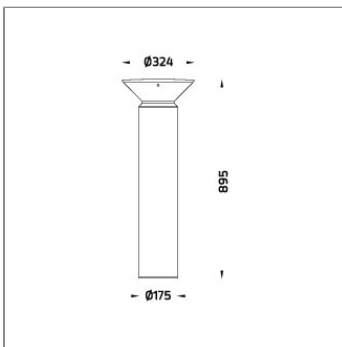
BOLLARD



LAST UPDATE: 10-05-2024



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 : | 7123-0-4-887-XX |
| Lamp : | LED |
| CCT : | 3000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 3300 lm |
| Luminaire Lumen : | 1620 lm |
| Lamp Wattage : | 23 W |
| Luminaire Wattage : | 28 W |
| Efficacy : | 57 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L70B10 >90,000 h |
| Controller : | DIM 1-10V |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | 7.12 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

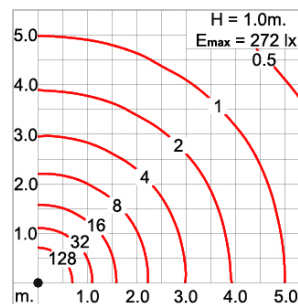
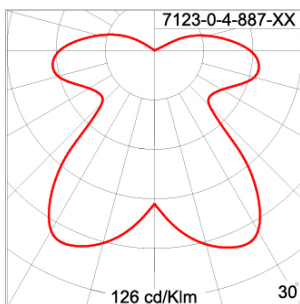
*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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

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. 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 prismatic polycarbonate diffuser with UV stabilized additive. | | | | | | | | | | | | |
| 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 Dimmable Driver (1-10V) 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 border="0"> <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 |
|  | Black O1 | | | | | | | | | | | | |
|  | Graphite O2 | | | | | | | | | | | | |
|  | Dark Grey O3 | | | | | | | | | | | | |
|  | Aluminum Silver O4 | | | | | | | | | | | | |
|  | White O6 | | | | | | | | | | | | |
|  | Wooden Brown O7 | | | | | | | | | | | | |

Light Distribution



AGAR

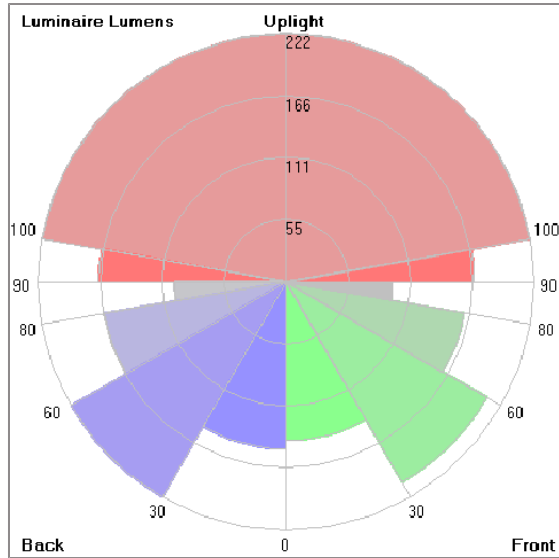
AGAR BOLLARD

BOLLARD



LAST UPDATE: 10-05-2024

Bug Report



Lum. Classification System [LCS]

| LCS | Zone | %Lumens | %Lamp | %Lum |
|------------|-----------|----------|-------|-------|
| FL | [0-30] | 142.1 | 4.3 | 8.7 |
| FM | [30-60] | 206.7 | 6.3 | 12.7 |
| FH | [60-80] | 161.4 | 4.9 | 9.9 |
| FVH | [80-90] | 94.4 | 2.9 | 5.8 |
| BL | [0-30] | 149.4 | 4.5 | 9.2 |
| BM | [30-60] | 221.7 | 6.7 | 13.6 |
| BH | [60-80] | 164.6 | 5.0 | 10.1 |
| BVH | [80-90] | 99.6 | 3.0 | 6.1 |
| UL | [90-100] | 167.6 | 5.1 | 10.3 |
| UH | [100-180] | 220.6 | 6.7 | 13.5 |
| Total | | 1628.1 | 49.4 | 100.0 |
| BUG Rating | | B1-U3-G1 | | |

*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

Accessories



Ordering Code:
AUN-CON-0011-00
IP68 Water Tight
Connecting Device 5 Pole,
Cable Diameter 7.1 – 13mm.
[1-10V or Dali]



Ordering Code:
AUN-CON-0012-00
IP68 Water Tight
Connecting Device with
Distribution block, 5 pole, 1
input, 2 outputs, Cable
Diameter 7.1 – 13mm.
[1-10V or Dali]



Ordering Code:
AUN-CON-0014-00
IP68 Water Tight
Connecting Device 5 Pole,
Cable Diameter 8 –
12.5mm. [1-10V or DALI]



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