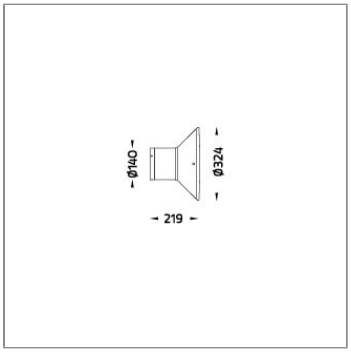
# AGAR

## AGAR PRISMATIC – WALL LIGHT

### WALL SURFACE LIGHT

LAST UPDATE: 03-02-2026

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

IP65 IK 08 08

| | |
|---|---|
| Ordering Code : | 7029-0-5-887-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 : | 27 W |
| Efficacy : | 60 lm/W |
| Ambient Temperature : | 40°C |
| Lumen Maintenance | L70B10 >90,000 h |
| Controller : | DALI |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | 2.82 kg. |

### Ordering code guide

B D
XXXX-X-X-XXX-XX
A C E

A Product Code
B Reflector
C Electrical Component
D Lamp
E Color

IK BODY OPTIC Icon definition

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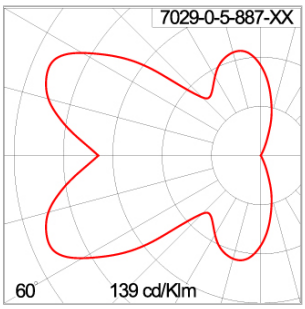
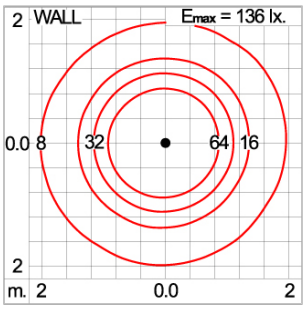
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-1 Fixed Luminaires |
| Protection | IP65 Class I |
| IK Rating | Protection against mechanical impact IK08 on body and optical part. |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components. |
| | Extruded aluminum S6063 alloy body with low copper content. |
| 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. |
| 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 H05RN-F/ H07RN-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. |
| | Class1 luminaire provided with the earth connection. |
| Caution | Installation work has to be carried on according to the enclosed installation manual. |
| Color | Black 01<br>Graphite 02<br>Dark Grey 03<br>Aluminum Silver 04<br>White 06<br>Corten 08 |

## Light Distribution

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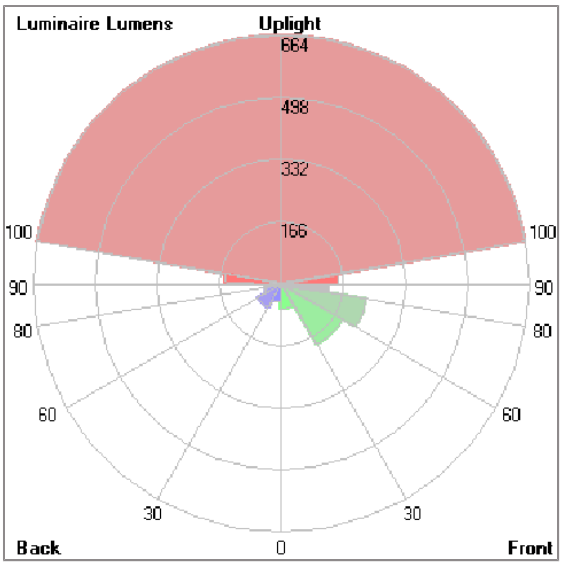
### Bug Report




Lum. Classification System [LCS]

| LCS | Zone | %Lumens | %Lamp | %Lum |
|---|---|---|---|---|
| FL | [0-30] | 68.4 | 2.1 | 4.2 |
| FM | [30-60] | 188.3 | 5.7 | 11.6 |
| FH | [60-80] | 230.0 | 7.0 | 14.2 |
| FVH | [80-90] | 127.6 | 3.9 | 7.9 |
| BL | [0-30] | 49.1 | 1.5 | 3.0 |
| BM | [30-60] | 72.7 | 2.2 | 4.5 |
| BH | [60-80] | 46.1 | 1.4 | 2.8 |
| BVH | [80-90] | 23.1 | 0.7 | 1.4 |
| UL | [90-100] | 151.0 | 4.6 | 9.3 |
| UH | [100-180] | 664.4 | 20.1 | 41.0 |
| Total | | 1620.7 | 49.2 | 100.0 |
| BUG Rating | | B0-U4-G2 | | |

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