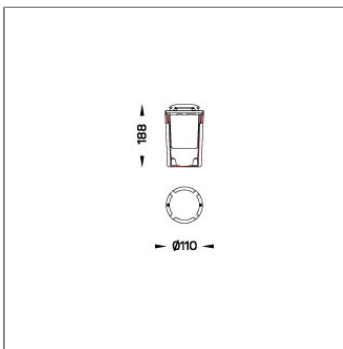




AYERS ground washer luminaires provide the users a low glare multi direction light distribution. The luminaire housing is made of a robust high strength aluminum and includes a GFR polymer recessed housing. The high quality optical mirrored reflector produces a high lumen output in a low silhouette fixture. Reflector designed and optimized by Photopia engineering software plus a COB LED from renowned manufacturers allow AYERS a high intensity sharp light output. The family is available in 2 sizes in one-opening, 2-opening and 4-opening. It is a perfect choice to illuminate ground surfaces. AYERS is supplied with a post-cured durable silicone gasket and pre-wired cable for outdoor application.



Technical Data



| | |
|-----------------------|--------------------------------|
| Ordering Code : | 9103-0-2-904-XX |
| Lamp : | LED |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 1420 lm |
| Luminaire Lumen : | 140 lm |
| Lamp Wattage : | 8.2 W[250mA] |
| Luminaire Wattage : | 8.2 W |
| Efficacy : | 17 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L70B10 >60,000 h |
| Controller : | Remote |
| Input Voltage : | 250mA, 32.8Vdc, Uin max 500Vdc |
| Net Weight : | 1.20 kg. |

Ordering code guide

XXXX-X-X-XXX-XX

B
D

A
C
E

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

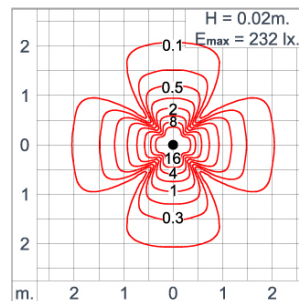
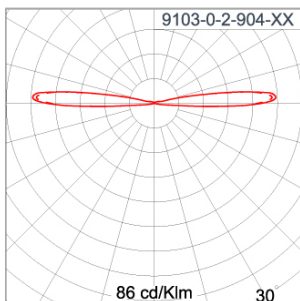


Icon definition

Specification

| | | | | | | | | | | | |
|---|--|---|----------|---|-------------|---|--------------|---|--------------------|---|----------|
| IEC Standard | IEC 60598-1 General Requirement IEC 60598-2-13 Ground Recessed Luminaires | | | | | | | | | | |
| Protection | IP67 Class III | | | | | | | | | | |
| IK Rating | Protection against mechanical impact IK10 on body and optical part. | | | | | | | | | | |
| Luminaires Body Housing | Cold forged 1070 aluminum. High-pressure die cast aluminum alloy body and components. Recessed housing made of GFR polymer. Luminaire withstands a maximum static load of 500 kg. | | | | | | | | | | |
| 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 clear polycarbonate diffuser with UV stabilized additive. | | | | | | | | | | |
| Reflector | High performance metallized reflector. | | | | | | | | | | |
| 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 M16 cable gland. To be used with H05RN-F/ H07RN-F cable with 5-10mm. diameter. | | | | | | | | | | |
| Led | High efficiency LED module in COB technology. Assembled on MCPCB and mounted on to heat conductive material. | | | | | | | | | | |
| Driver | Driver is not included and has to be ordered separately. | | | | | | | | | | |
| 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. H07RN-F neoprene cable. IMQ approved. | | | | | | | | | | |
| Caution | Installation work has to be carried on according to the enclosed installation manual. The water drainage system must be tested to ensure that it is working sufficiency and efficiency. | | | | | | | | | | |
| 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> </table> |  | Black O1 |  | Graphite O2 |  | Dark Grey O3 |  | Aluminum Silver O4 |  | White O6 |
|  | Black O1 | | | | | | | | | | |
|  | Graphite O2 | | | | | | | | | | |
|  | Dark Grey O3 | | | | | | | | | | |
|  | Aluminum Silver O4 | | | | | | | | | | |
|  | White O6 | | | | | | | | | | |

Light Distribution



AYERS

MINI AYERS 4X90

INGROUND



LAST UPDATE: 24-03-2025

Accessories



Ordering Code:
AUN-DRG-0014-00
LED constant current
driver, 250mA, 13W, with
IP67 GFR polymer
enclosure, 1-10V



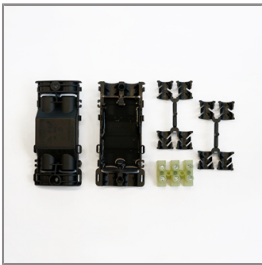
Ordering Code:
AUN-DRG-0015-00
LED constant current
driver, 250mA, 11W, with
IP67 GFR polymer
enclosure, DALI



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



Ordering Code:
AUN-CON-0004-00
IP68 Connector, cable
diameter 8-10mm,
gel-filled



Ordering Code:
AUN-CON-0003-00
IP68 Connector, cable
diameter 8-10mm,
gel-filled for through wiring

*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