## **AYERS**

### MINI AYERS 1X180 - CC

INGROUND LIGHT



LAST UPDATE: 31-10-2025



AYERS is a family of ground washer luminaires designed to deliver low-glare, multi-directional illumination across outdoor environments. Available in three sizes-AYERS, Mini AYERS, and the new Micro AYERS-this range offers flexibility for a variety of lighting applications, from large open spaces to compact architectural details. The main and mini versions feature high-strength aluminum housings paired with GFR polymer recessed components for long-term durability in harsh conditions. Their high-efficiency COB LED modules and precision optical reflectors ensure powerful lumen output with sharp light distribution. Micro AYERS, the most compact member of the family, is crafted from corrosion-resistant stainless steel and designed with a robust recessed housing, making it an ideal choice for discreet outdoor illumination. It preserves the refined aesthetics and dependable performance that characterize the AYERS range. Each fixture is sealed with a post-cured silicone gasket for superior watertight protection and comes pre-wired for easy installation. With its blend of design, performance, and robust construction, the AYERS family is a dependable choice for lighting pathways, plazas, and architectural surfaces.



# Ordering code guide XXXX-X-X-XXX-XX A C

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



Icon definition

#### Technical Data



Ordering Code : 9107-0-2-904-XX

 Lamp:
 LED

 CCT:
 4000 K

 CRI:
 CRI >80

 SDCM:
 SDCM = 3

 Lamp Lumen:
 1420 lm

 Luminaire Lumen:
 100 lm

Lamp Wattage: 8.2 W[250mA]
Luminaire Wattage: 8.2 W

Efficacy: 12 lm/W
Ambient Temperature: 50°C

Lumen Maintenance L70B10 >60,000 h

Controller : Remote

Input Voltage: 250mA, 32.8Vdc, Uin max 500Vdc

Net Weight: 1.40 kg.

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#### 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. 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 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 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. HO7RN-F neoprene cable. IMQ approved.

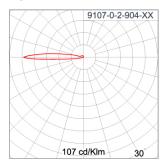
Caution Installation work has to be carried on according to the enclosed installation manual.

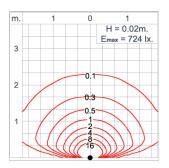
The water drainage system must be tested to ensure that it is working sufficiency and efficiency.

Color



#### **Light Distribution**





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**⊕** Unilamp

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#### Accessories



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



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



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



Ordering Code: AUN-DRG-0126-01 LED constant current driver, 250mA, 12W, with IP67 GFR polymer enclosure. On-Off. BLACK



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, qel-filled