# **AYERS**

## AYERS 1X90

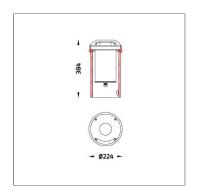
INGROUND LIGHT



LAST UPDATE: 26-06-2025



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

A C

A Product Code

B Reflector

C Electrical Component

D Lamp

F Color



Icon definition

#### Technical Data



Ordering Code : 9104-0-3-506-XX

Lamp: LED CCT: 2700 K CRI: CRI >80 SDCM: SDCM = 3Lamp Lumen: 3160 lm Luminaire Lumen : 130 lm Lamp Wattage: 23 W Luminaire Wattage: 26 W Efficacy: 5 lm/W Ambient Temperature : 40°C

Lumen Maintenance L70B10 >90,000 h

Controller: On-Off

Input Voltage: 220-240Vac 50/60Hz

Net Weight: 7.80 kg.

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# INGROUND LIGHT

**4** Unilamp

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#### Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-13 Ground Recessed Luminaires

Protection IP67 Class I

IK Rating Protection against mechanical impact IK10 on body and optical part.

Luminaires Body Housing High strength cast aluminum alloy component.

Extruded aluminum S6063 alloy body with low copper content.

Recessed housing made of GFR polymer.

Luminaire withstands a maximum static load of 1000 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 Safety pressed glass cover from Germany.

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 M2O cable gland. To be used with H05RN-F/ H07RN-F cable with 7-13mm. 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.

Class1 luminaire provided with the earth connection.

Pre-Wire Cable Pre-wired with 3x1.0 sqmm. HO7RN-F neoprene cable. IMQ approved.

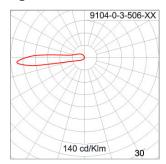
Caution Installation work has to be carried on according to the enclosed installation manual.

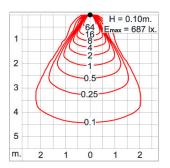
The water drainage system must be tested to ensure that it is working sufficiency and efficiency.

Color



## **Light Distribution**





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### Accessories



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



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