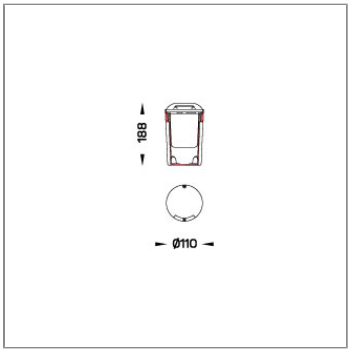
AYERS

MINI AYERS 1X90 - CC

INGROUND LIGHT

LAST UPDATE: 07-07-2026

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.



Technical Data

IP67 IK10

Ordering Code :	9101-0-2-901-XX
Lamp :	LED
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	1350 lm
Luminaire Lumen :	45 lm
Lamp Wattage :	8.2 W(250mA)
Luminaire Wattage :	8.2 W
Efficacy :	5 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >60,000 h
Controller :	Remote
Input Voltage :	250mA, 32.8Vdc, Uin max 500Vdc
Net Weight :	1.30 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

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

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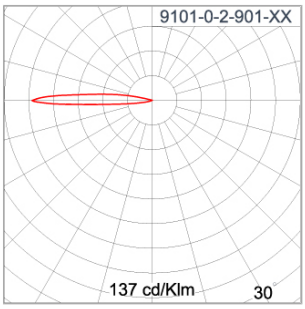
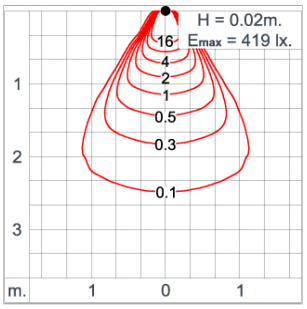
Specification

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 HO5RN-F/ HO7RN-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. 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	Black 01 Graphite 02 Dark Gray 03 Aluminum Silver 04 White 06 Corten 08

Light Distribution





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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-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

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