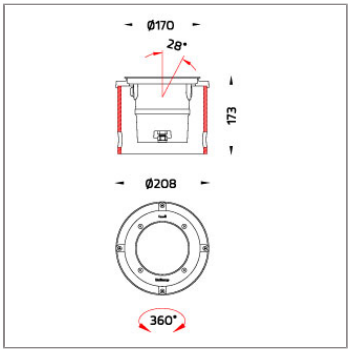
# ARC

## MINI ARC

### INGROUND LIGHT

LAST UPDATE: 19-08-2026

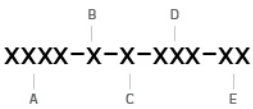
ARC – the adjustable walkover inground-uplighter. ARC incorporates a unique aiming mechanism that is adjustable from the outside of the fixture using a standard screwdriver or hexagon key. This key benefit means the installer doesn't need to open the luminaire or remove it from the ground for adjustment. Final commissioning and aiming are carried out while the product is still sitting in the ground block-out. The housing is enhanced LM6 aluminium, and the front cover plate comes in stainless steel. ARC offers outstanding beam quality with high contrast and precise control. The luminaire is fitted with a pre-wired supply cable for inground application and internally potted to prevent humidity and condensation.




## Technical Data

| | |
|---|---|
| Ordering Code : | 9059-D-3-533-91 |
| Lamp : | LED |
| Beam : | 46° |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 1110 lm |
| Luminaire Lumen : | 830 lm |
| Lamp Wattage : | 8.4 W |
| Luminaire Wattage : | 9 W |
| Efficacy : | 92 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L80B10 >108,000 h |
| Controller : | On-Off |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | - kg. |

### Ordering code guide




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

IK BODY OPTIC Icon definition

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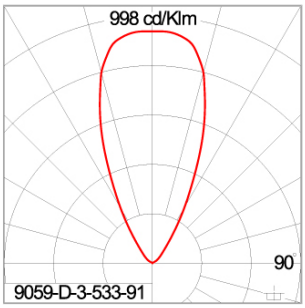
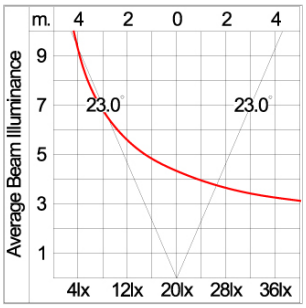
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-13 Ground Recessed Luminaires |
| Protection | IP67 Class I |
| IK Rating | Protection against mechanical impact IK10 on body and optical part. |
| Luminaires Body Housing | Durable high-pressure die-cast aluminum alloy for excellent mechanical performance. |
| | Brushed 316 stainless steel front cover for a sleek and durable finish. |
| | Recessed housing made from impact-resistant GFR polymer for durability. |
| | Engineered for high durability with a 1000 kg static load capacity. |
| Coating Process | The luminaire undergoes a Nano Ceramic surface conversion, making it highly resistant to corrosive environments. It is primarily coated with a durable epoxy resin and finished with a UV-stabilized polyester powder top coat. The coating process is completed by curing the luminaire in a digitally controlled temperature chamber at 200°C, ensuring exceptional durability and long-lasting protection aga |
| Diffuser | Impact-resistant tempered glass designed for high-temperature environments. Seamless flush glass design prevents dust and water accumulation. |
| Lens | Optically engineered molded PMMA lens designed for multiple light distribution needs. |
| Adjustable Optic | Adjustable optics designed for versatile lighting applications. |
| Gasket | Advanced post-cured silicone gasket offering superior weather and thermal resistance (-40°C to +200°C). |
| External Screws | Durable stainless steel screws with anti-corrosion grease for extended lifespan. |
| Cable Entry | M16 cable gland for secure cable entry, compatible with HO5RN-F/HO7RN-F cables (5-10mm). |
| Led | Premium LED module with top-tier chips, mounted on MCPCB for heat efficiency. |
| Driver | Certified constant current LED driver meeting all EMC and safety requirements. |
| Internal Wire | Reliable silicone-insulated tinned copper internal wire, designed for -40°C to +180°C. |
| Terminal Block | Grounded Class 1 luminaire ensuring proper earthing for secure operation. |
| Pre-Wire Cable | Certified pre-wired 3x1.0 sqmm cable, featuring HO7RN-F neoprene insulation. |
| Caution | Installation must be performed as per the provided installation instructions. |
| | Confirm water drainage system effectiveness before installation. |

## Light Distribution

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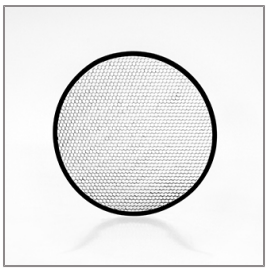
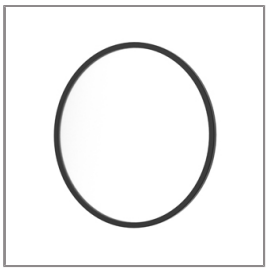
## Accessories



Ordering Code:
AUN-GSH-0008-00
Honeycomb louver, LED, pre-assembly from factory



Ordering Code:
AUN-SOF-0022-00
Softening filter, LED, pre-assembly from factory

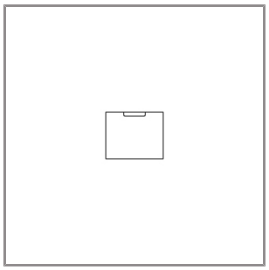
Ordering Code:
AUN-CON-0009-00
IP68 connection device, cable diameter 5-9.5mm, On-Off

Ordering Code:
AUN-CON-0010-00
IP68 connection device 3 pole, cable diameter 5-9.5mm, with distribution block

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



Ordering Code:
AUN-SUR-0005-00
Surge protection, 10kV, On-Off, pre-assembly from factory

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