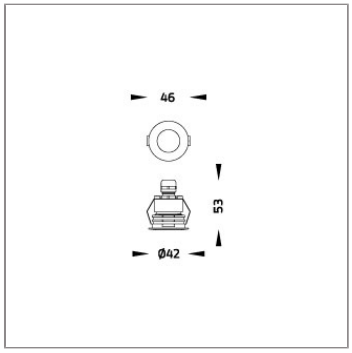
# ATOM

## ATOM – CV

### CEILING RECESSED LIGHT

LAST UPDATE: 11-11-2025

ATOM is a versatile, ground-recessed indicator and floodlight, meticulously designed for both above-water and underwater applications. Crafted with a CNC-lathed stainless steel body, it delivers a blend of sophisticated aesthetics and exceptional durability, making it a perfect choice for harsh environments. Built to the highest standards, ATOM features advanced LED technology, with chips and lenses sourced from world-renowned manufacturers, ensuring precise light distribution and long-lasting performance. Its compact design makes it an ideal solution for subtle illumination in underwater installations, architectural accents, or pathway lighting. The GFR polymer recess kit enhances the luminaire's resilience, enabling secure installation even in extreme conditions. For added convenience, ATOM is supplied with a factory-fitted, pre-wired cable, ensuring a quick and hassle-free setup. To ensure longevity and reliability, the integrated anti-humidity kit effectively eliminates condensation within the housing, protecting internal components and extending the luminaire's operational lifespan. For underwater installations or high-moisture environments, an optional IP68 connector is recommended, providing a watertight seal and trouble-free operation. With its combination of precision engineering, high-performance components, and versatile applications, ATOM is the ideal choice for environments requiring durable and stylish lighting solutions, both above and below water.




## Technical Data

IP68 IK 10 07

| | |
|---|---|
| Ordering Code : | 7380-A-2-470-91 |
| Lamp : | LED |
| Beam : | 15° |
| CCT : | 3000 K |
| CRI : | CRI >90 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 190 lm |
| Luminaire Lumen : | 140 lm |
| Lamp Wattage : | 2 W(12Vdc/24Vdc) |
| Luminaire Wattage : | 2.0 W |
| Efficacy : | 70 lm/W |
| Ambient Temperature : | 50°C |
| Controller : | Remote |
| Input Voltage : | 12Vdc/24Vdc |
| Net Weight : | 2.30 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

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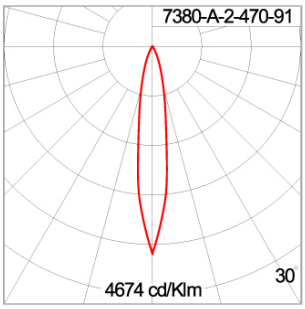
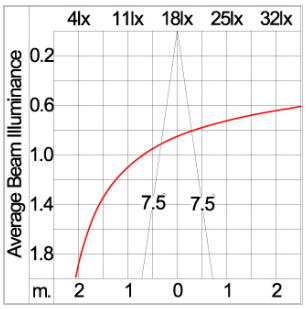
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-1 Fixed Luminaires |
| Protection | IP68 Class III |
| IK Rating | Protection against mechanical impact IK10 on body and IK07 on optical part. |
| Luminaires Body Housing | Supreme corrosion proof Under Water grade Stainless Steel. |
| Diffuser | Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C. |
| Lens | Molded PC lens from renowned manufacturers in various light distribution patterns. |
| 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 M12 cable gland. To be used with HO5RN-F/ HO7RN-F cable with 4-7mm. diameter. |
| Led | High efficiency LED module utilized chips from world renowned manufacturer. 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. |
| Pre-Wire Cable | Pre-wired with 2x1.0 sqmm. HO5RN-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. |

## Light Distribution

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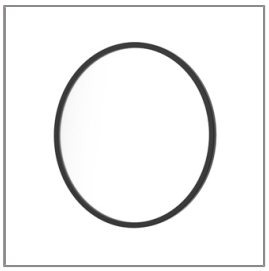
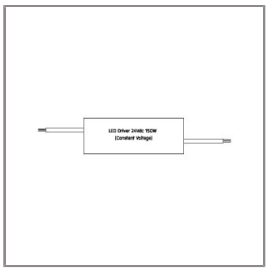
## Accessories

Ordering Code:
AUN-DRG-0114-01
LED constant voltage driver, 12VDC, 12W, with IP67 GFR polymer enclosure

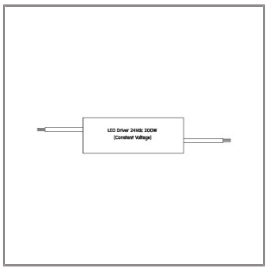


Ordering Code:
AUN-SOF-0055-00
Softening filter, LED, pre-assembly from factory

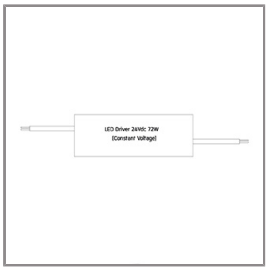


Ordering Code:
AUN-DRG-0011-00
LED constant voltage driver, 24VDC, 150W

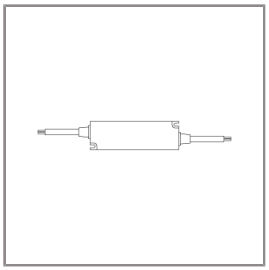
Ordering Code:
AUN-CON-0024-00
IP68 Connector, cable diameter 4.8-6mm, gel-filled



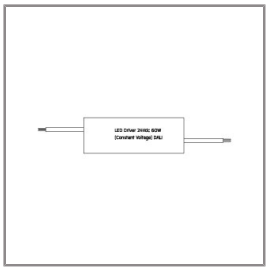
Ordering Code:
AUN-DRG-0024-00
LED constant voltage driver, 24VDC, 200W



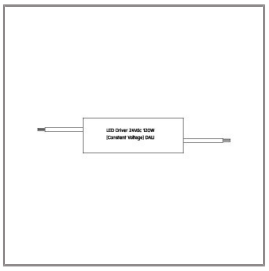
Ordering Code:
AUN-DRG-0027-00
LED constant voltage driver, 24VDC, 72W



Ordering Code:
AUN-DRG-0118-00
LED constant voltage driver, 24VDC, 30W



Ordering Code:
AUN-DRG-0100-00
LED constant voltage driver, 24VDC, 60W, DALI



Ordering Code:
AUN-DRG-0101-00
LED constant voltage driver, 24VDC, 120W, DALI

Ordering Code:
AUN-DRG-0126-00
LED constant current driver, 250mA, 12W, with IP67 GFR polymer enclosure, On-Off, BLACK

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