

ATOM

ATOM - CV

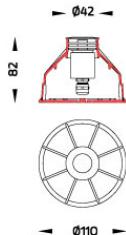
INGROUND LIGHT

 **Unilamp**

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



Ordering Code : 9080-H-2-525-91

Lamp : LED

Beam : 46°/27°

CCT : 2700 K

CRI : CRI >80

SDCM : SDCM = 3

Lamp Lumen : 260 lm

Luminaire Lumen : 110 lm

Lamp Wattage : 2.1 W(12Vdc/24Vdc)

Luminaire Wattage : 2.1 W

Efficacy : 52 lm/W

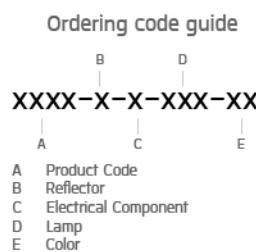
Ambient Temperature : 50°C

Lumen Maintenance : L80B10 >108,000 h

Controller : Remote

Input Voltage : 12Vdc/24Vdc

Net Weight : 0.40 kg.



Icon definition

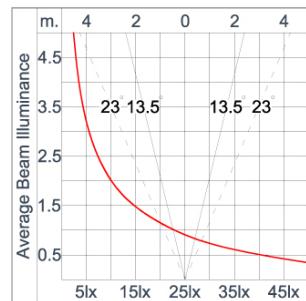
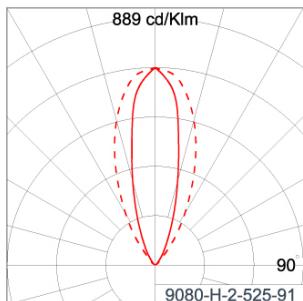
*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

Unilamp Co., Ltd.
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand
Tel : +66[0]2 943 2420-1, +66[0]2 946 4170-1
Fax : +66[0]2 943 2419
online@unilamp.co.th
www.unilamp.co.th

Specification

| | |
|-------------------------|--|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-13 Ground Recessed 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. Recessed housing made of GFR polymer. Luminaire withstands a maximum static load of 500 kg. |
| 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



ATOM

ATOM - CV

INGROUND LIGHT

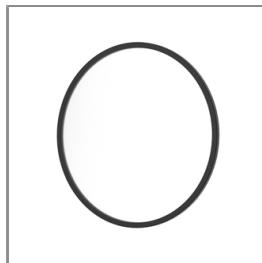


LAST UPDATE: 11-11-2025

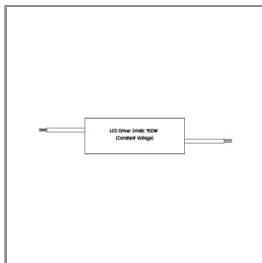
Accessories



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



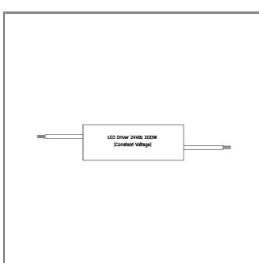
Ordering Code:
AUN-SOF-0055-00
Softening filter, LED,
pre-assembly from factory



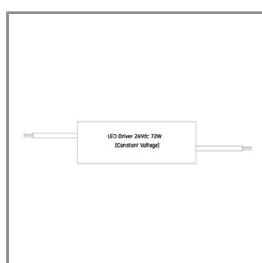
Ordering Code:
AUN-DRG-0011-00
LED constant voltage
driver, 24VDC, 150W



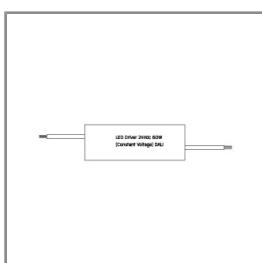
Ordering Code:
AUN-CON-0024-00
IP68 Connector, cable
diameter 4.8-6mm,
gel-filled



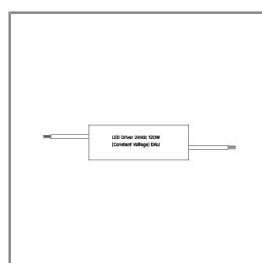
Ordering Code:
AUN-DRG-0024-00
LED constant voltage
driver, 24VDC, 200W



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



Ordering Code:
AUN-DRG-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

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