ATOM

ATOM - CV

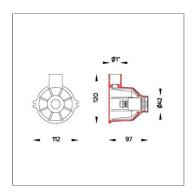
UNDERWATER LIGHT



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

(E IP68 IK 10 (II)

Ordering Code : 7480-H-2-525-91

 Lamp:
 LED

 Beam:
 46°/27°

 CCT:
 2700 K

 CRI:
 CRI >80

 SDCM:
 SDCM = 3

 Lamp Lumen:
 370 lm

 Luminaire Lumen:
 150 lm

Lamp Wattage : 3.3 W(12Vdc/24Vdc)

Luminaire Wattage : 3.3 W
Efficacy : 45 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

online@unilamp.co.th

www.unilamp.co.th

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Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-18 Luminaires for Swimming Pools

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.

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.

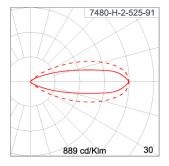
Internal Wire Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.

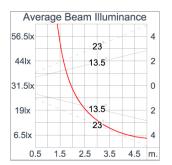
Pre-Wire Cable Pre-wired with 2x1.0 sqmm. HO5RN-F neoprene cable. IMQ approved.

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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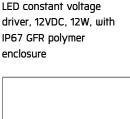


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Accessories



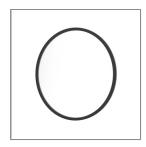
Ordering Code: AUN-DRG-0114-01 LED constant voltage IP67 GFR polymer



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



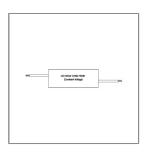
Ordering Code: AUN-DRG-0126-00 LED constant current driver, 250mA, 12W, with IP67 GFR polymer enclosure, On-Off, BLACK



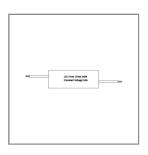
Ordering Code: AUN-SOF-0055-00 Softening filter, LED, pre-assembly from factory



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



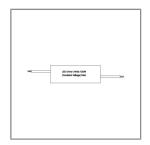
Ordering Code: AUN-DRG-0011-00 LED constant voltage driver, 24VDC, 150W



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



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



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