

ATOM

ATOM – CC

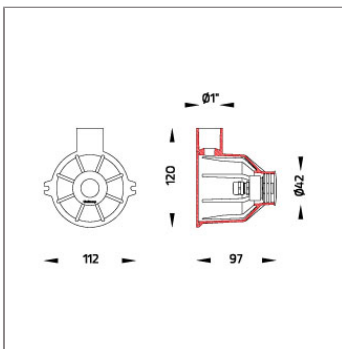
UNDERWATER LIGHT



LAST UPDATE: 11-06-2025



The ATOM family comprises versatile, CNC-lathed stainless steel ground-recessed luminaires designed for both above-water and underwater applications. Featuring high-performance LEDs and precision optics, they deliver reliable, accurate light distribution for architectural and landscape settings. Each unit includes an integrated anti-humidity kit to ensure longevity and comes pre-wired for easy installation. The series includes the standard ATOM, featuring a resilient GFR polymer recess kit, and the compact Mini ATOM, designed for discreet applications and supplied with a black anodized aluminum recess kit. Combining robust construction with high-quality components, the ATOM family offers a durable, stylish solution for diverse lighting needs.



Technical Data



| | |
|-----------------------|-------------------------------|
| Ordering Code : | 7481-D-2-899-91 |
| Lamp : | LED |
| Beam : | 47° |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 270 lm |
| Luminaire Lumen : | 130 lm |
| Lamp Wattage : | 2.1 W[700mA] |
| Luminaire Wattage : | 2.1 W |
| Efficacy : | 61 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L80B10 >108,000 h |
| Controller : | Remote |
| Input Voltage : | 700mA, 2.98Vdc, Uin max 50Vdc |
| Net Weight : | 0.40 kg. |

Ordering code guide

XXXX-X-X-XXX-XX
A B C D E

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



Icon definition

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

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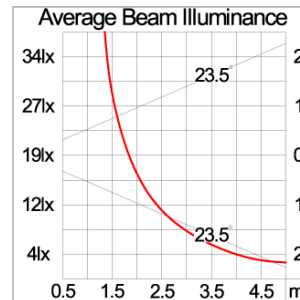
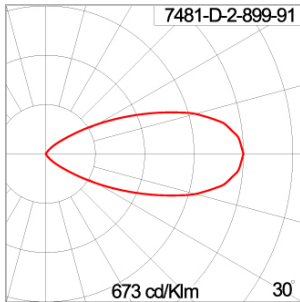


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Specification

| | |
|-------------------------|--|
| 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 H05RN-F/ H07RN-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. H05RN-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-SOF-0055-00
Softening filter, LED,
pre-assembly from factory



Ordering Code:
AUN-GOP-0101-01
LED constant current
driver, 700mA, 4W, with
IP67 GFR polymer
enclosure, On-Off



Ordering Code:
AUN-COV-0002-00
LED constant current
converter input 12-24VDC,
700mA, 14W, with IP67
GFR polymer enclosure,
DALI



Ordering Code:
AUN-DRG-0012-00
LED constant current
driver, 700mA, 20W, with
IP67 GFR polymer
enclosure, DALI, with IP68
series distribution box for
2-3 luminaires



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

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