ATOM

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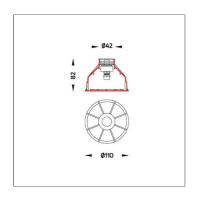
INGROUND LIGHT



LAST UPDATE: 10-10-2025



ATOM is a ground recess indicator light suitable for above water and under water light application. ATOM has been designed and manufactured at highest attribute. Utilizing CNC lathed stainless steel body presented exceptional aesthetic as well as sleek tough feeling. LED chips and lenses are from world renowned manufacturers. GFR polymer recess kit allows it to be installed in most extreme environment. Ensuring integrity of manufacture ATOM is supplied with a factory fitted pre-wired cable for ease of installation. The Anti-Humidity kit eliminate condensation inside the housing and prolong the life time of the luminaire. An optional IP68 connectors is recommended as an accessory for trouble free installation.



Technical Data



Ordering Code : 9090-H-2-899-91

Lamp: LED Beam: 46°/27° CCT: 4000 K CRI: CRI >80 SDCM: SDCM = 3Lamp Lumen: 270 lm Luminaire Lumen: 110 lm Lamp Wattage: 2.1 W(700mA)

Luminaire Wattage : 2.1 W
Efficacy : 52 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.



Icon definition

online@unilamp.co.th

www.unilamp.co.th

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Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-13 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 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.

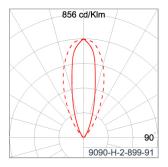
Internal Wire Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.

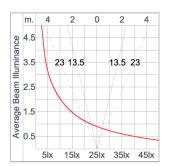
Pre-Wire Cable Pre-wired with 2x1.0 sqmm. HO5RN-F neoprene cable. IMQ approved.

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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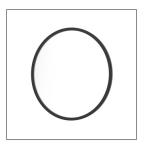
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Accessories



Ordering Code: AUN-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
convertor 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



Ordering Code: AUN-CON-0007-00 IP68 distribution box, series wiring , for 1-3 luminaires