

ACQUA

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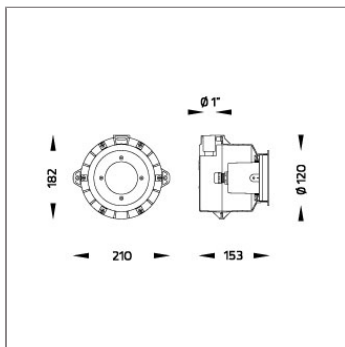
UNDERWATER LIGHT



LAST UPDATE: 11-11-2025



A family of recessed and surface mounted under water luminaires which are commonly used to illuminate swimming pools, decorative pools and fountains. Accessories include several watertight connecting devices. ACQUA1 utilizes high power LED in 2700K, 3000K or 4000K and high quality optical lenses offering narrow, medium, wide and elliptical beam. Version with GU5.3 lamp holder for MR16 Led retrofit lamps is also available. To avoid installation issues and add another level of safety, ACQUA1 is pre-wired and is fitted with an anti-condensation device. To avoid over-heating of the luminaire body, ACQUA1 must be operated in a submersible state at all time. The marine grade 316 stainless steel body guarantees corrosion free appearance throughout the life time. We highly recommend that the luminaire lay out should be considered during specifying and planning processes. Installation work must be carried out under national safety regulations.



Technical Data



Ordering Code :	7416-O-2-281-92
Lamp :	Led Retrofit QR-CB51 12V
Socket	GU5.3
CCT :	2700-6500 K
Lamp Wattage :	4-5 W
Ambient Temperature :	25°C
Controller :	Remote
Input Voltage :	12Vac 50/60Hz
Net Weight :	1.80 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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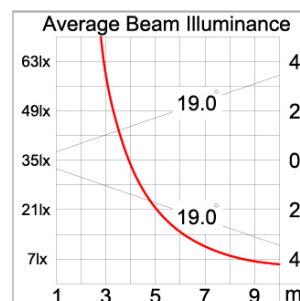
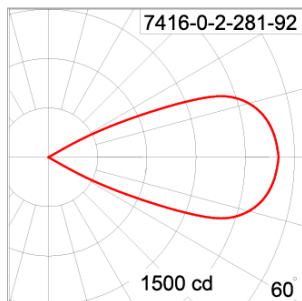


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Specification

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 IK09 on optical part.
Luminaires Body Housing	Supreme corrosion proof Under Water grade Stainless Steel. Full body polish finished. Wall recessed housing made of GFR polymer.
Diffuser	Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C.
Gasket	Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C.
External Screws	Marine grade 316 stainless steel screw.
Cable Entry	Cable entry protected by M16 cable gland. To be used with HO5RN-F/ HO7RN-F cable with 5-10mm. diameter.
Lamp Holder	GU5.3 lampholder in ceramic body. IMQ/ ENEC approved.
Ballast	Control gear is not included and has to be ordered separately.
Pre-Wire Cable	Pre-wired with 2x1.0 sqmm. HO7RN-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-0115-01
Electronic Transformer,
12V, 20-60W, with IP67
GFR polymer enclosure



Ordering Code:
AUN-CON-0004-00
IP68 Connector, cable
diameter 8-10mm,
gel-filled



Ordering Code:
AUN-CON-0003-00
IP68 Connector, cable
diameter 8-10mm,
gel-filled for through wiring

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