

FONTANA

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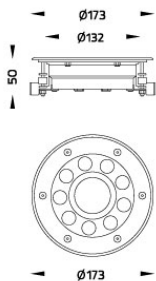
UNDERWATER LIGHT



LAST UPDATE: 01-12-2025



FONTANA is a family of recessed underwater luminaires designed for pools and fountains. Crafted from durable SUS316 stainless steel, it features a 6mm ultra-white tempered glass lens for enhanced durability and clarity. The family is available in brushed, polished, and passivated finishes, ensuring it complements a wide range of design settings. Equipped with high-power LEDs in 3000K, 4000K, and RGBW options, FONTANA offers both vibrant color and high-performance white light. Built for extreme environments, it operates in temperatures ranging from -20°C to $+45^{\circ}\text{C}$, supports up to 1000kg load pressure, and carries an IP68 waterproof rating. Control options include ON/OFF and DMX, enabling both static and dynamic lighting scenarios. With a lifespan of 56,600 hours, FONTANA ensures long-lasting performance and reliability. We highly recommend considering luminaire layout during specification and planning. Installation must comply with national safety regulations.



Technical Data



Ordering Code :	7435-D-J-003-91
Lamp :	LED
Beam :	59°
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	1270 lm
Luminaire Lumen :	720 lm
Lamp Wattage :	10 W[24Vdc]
Luminaire Wattage :	10 W
Efficacy :	72 lm/W
Ambient Temperature :	45°C
Lumen Maintenance	L70B10 >56,600 h
Controller :	Remote
Input Voltage :	24Vdc
Net Weight :	- 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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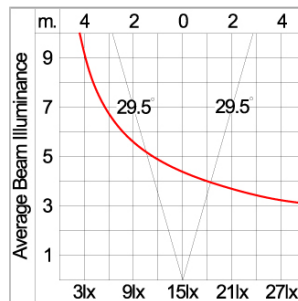
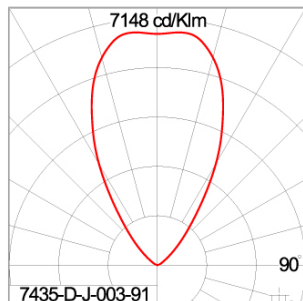


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Specification

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 IK05
Luminaires Body Housing	Superior corrosion-proof stainless steel, optimized for underwater durability.
Diffuser	Impact-resistant tempered glass designed for high-temperature environments.
Lens	Optically engineered molded PMMA lens designed for multiple light distribution needs.
Gasket	Advanced post-cured silicone gasket offering superior weather and thermal resistance [-40°C to +200°C].
External Screws	Marine-grade 316 stainless steel screws for superior corrosion resistance.
Cable Entry	M12 cable gland for secure cable entry, compatible with H05RN-F/H07RN-F cables [4-7mm].
Led	Premium LED module with top-tier chips, mounted on MCPCB for heat efficiency.
Driver	External driver required, available as a separate order.
Pre-Wire Cable	Pre-wired with 2x0.75 sqmm. H05RN-F neoprene cable. IMQ approved.
Caution	Installation must be performed as per the provided installation instructions. Confirm water drainage system effectiveness before installation.

Light Distribution



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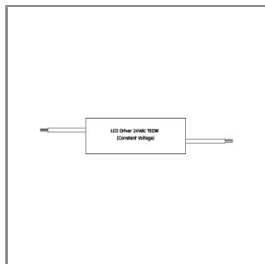


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Accessories



Ordering Code:
AUN-CON-0009-00
IP68 connection device,
cable diameter 5-9.5mm,
On-Off



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



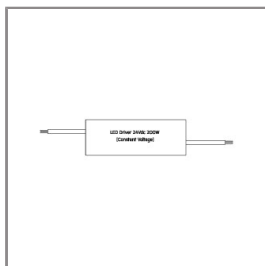
Ordering Code:
AUN-CON-0013-00
IP68 connection device,
cable diameter 7-11.5mm,
On-Off



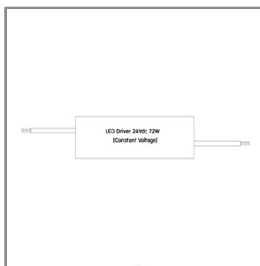
Ordering Code:
AUN-CON-0004-00
IP68 Connector, cable
diameter 8-10mm,
gel-filled



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



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



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