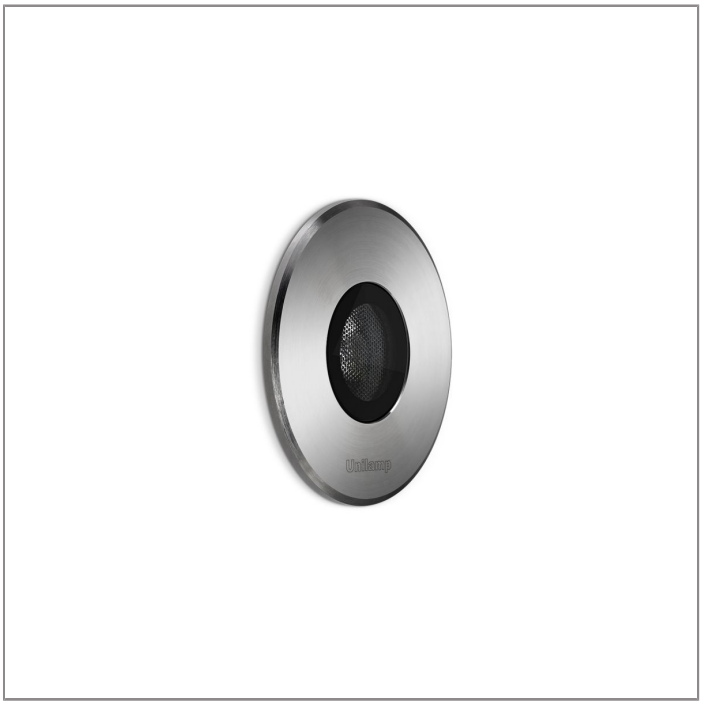
# VOLGA

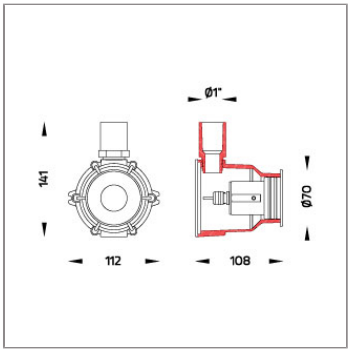
## VOLGA/1 – CV WALL RECESS UNDER WATER

### UNDERWATER LIGHT

LAST UPDATE: 28-08-2026



VOLGA is a marine-grade stainless steel luminaire for underwater and off-water use. Suitable for ground and wall-recessed mounting, it features high-power LEDs and adjustable beams. Ideal for pools, fountains, and columns, it comes pre-wired and sealed. Made from 316 stainless steel, VOLGA ensures corrosion-free durability.




## Technical Data

| | |
|---|---|
| Ordering Code : | 7418-H-2-431-91 |
| Lamp : | LED |
| Beam : | 40°/20° |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 390 lm |
| Luminaire Lumen : | 280 lm |
| Lamp Wattage : | 3.3 W(24Vdc) |
| Luminaire Wattage : | 3.3 W |
| Efficacy : | 84 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L80B10 >108,000 h |
| Controller : | Remote |
| Input Voltage : | 24Vdc |
| Net Weight : | - kg. |

### Ordering code guide

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

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

IK BODY OPTIC Icon definition

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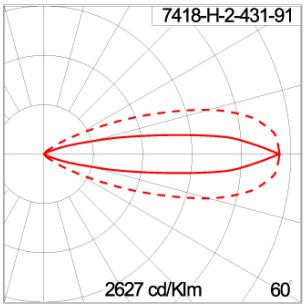
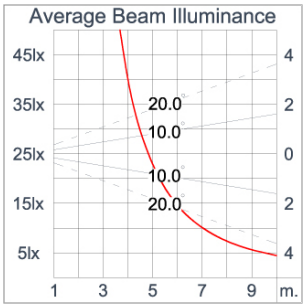
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-18 Luminaires for Swimming Pools |
| Protection | IP68 Class III |
| 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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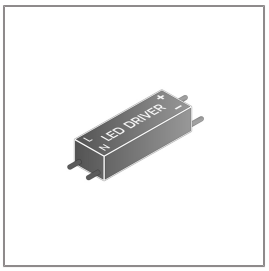
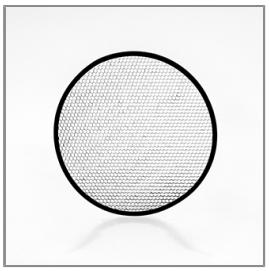
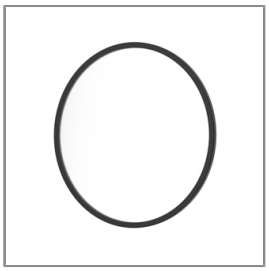
### Accessories




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

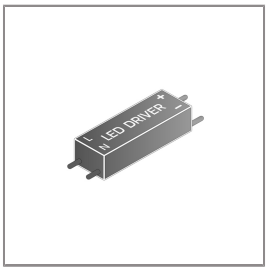


Ordering Code:
AUN-GSH-0017-00
Honeycomb louver, LED, pre-assembly from factory

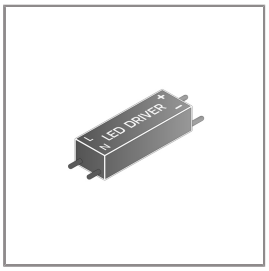


Ordering Code:
AUN-SOF-0029-00
Softening filter, LED, pre-assembly from factory

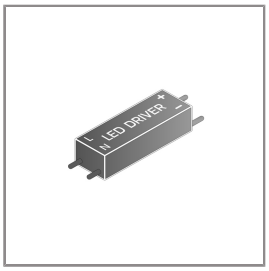
Ordering Code:
AUN-CON-0024-00
IP68 Connector, cable diameter 4.8-6mm, gel-filled




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

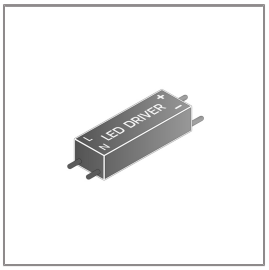



Ordering Code:
AUN-DRG-0027-00
LED constant voltage driver, 24VDC, 72W

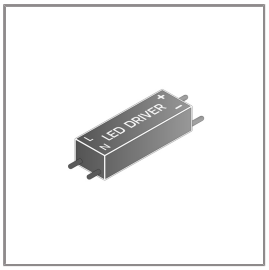



Ordering Code:
AUN-DRG-0118-00
LED constant voltage driver, 24VDC, 30W

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




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




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

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