# **VAREE**

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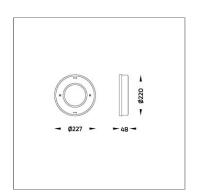
UNDERWATER LIGHT



LAST UPDATE: 28-10-2025



VAREE A family of LED underwater luminaires that is suitable to be installed on the ground, recess in a concrete wall or surface mounted. Operating with high lumen output LED from 2700K, 3000K, 4000K and RGBW with high CRI in 3 steps SDCM. VAREE is designed to illuminate swimming pools, decorative pools, fountains and any submersible application. A wide range of beam angles including Narrow, Medium, Wide and Elliptical beams as well as Asymmetric floor washer. VAREE is pre-wired with underwater cable and internally potted to prevent humidity and condensation. To avoid over-heating, VAREE is equipped with a thermal cut-off device thus the luminaire has to be submerged at all time. The marine grade 316 stainless steel material and advance polymer guarantees corrosion free appearance through out 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.



# Ordering code guide XXXX-X-X-XXX-XX A C

A C

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



Icon definition

#### Technical Data



Ordering Code : 7414-7-2-868-92

Lamp: LED 46° Beam: CCT: 4000 K CRI: CRI >80 SDCM: SDCM = 3Lamp Lumen: 2310 lm Luminaire Lumen : 1230 lm Lamp Wattage: 18 W(24Vdc) Luminaire Wattage: 18 W Efficacy: 68 lm/W

Lumen Maintenance L70B10 >66,000 h

50°C

Controller: Remote Input Voltage: 24Vdc
Net Weight: 1.40 kg.

Ambient Temperature :

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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 IKO5 on body and IKO7 optical part.

Luminaires Body Housing Supreme corrosion proof Under Water grade Stainless Steel.

Injected GFR Engineering Polymer body component.

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 Marine grade 316 stainless steel screw.

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.

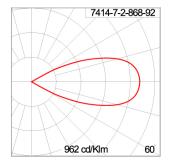
Internal Wire Tinned copper conductor with PTFE insulated internal wire. IMQ approved. Working temperature -40°C to +250°C.

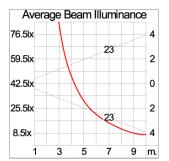
Pre-Wire Cable Pre-wired with 2x1.0 sqmm. HO5RN-F neoprene cable. IMQ approved.

Caution Installation work has to be carried on according to the enclosed installation manual.

To avoid over-heating, this luminaire has to use under water only.

## **Light Distribution**





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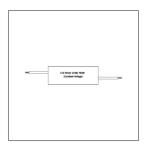
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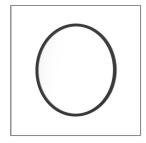


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### Accessories



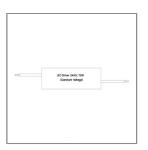
Ordering Code: AUN-DRG-0011-00 LED constant voltage driver, 24VDC, 15OW



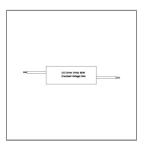
Ordering Code: AUN-SOF-0032-00 Softening filter, LED, pre-assembly from factory



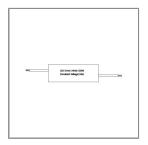
Ordering Code: AUN-CON-0024-00 IP68 Connector, cable diameter 4.8-6mm, qel-filled



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



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



Ordering Code: AUN-DRG-0101-00 LED constant voltage driver, 24VDC, 12OW, DALI