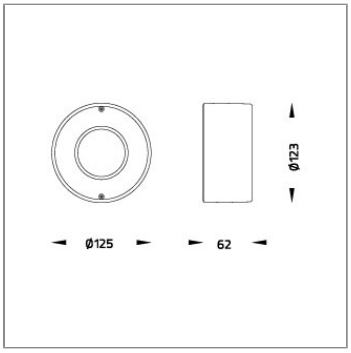
# VAREE

## MINI VAREE SURFACE MOUNT

### UNDERWATER LIGHT

LAST UPDATE: 19-08-2026

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.




## Technical Data

IP68 IK 05 07

| | |
|---|---|
| Ordering Code : | 7424-H-J-585-92 |
| Lamp : | SMD-H LED |
| Beam : | 44°/15° |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 1590 lm |
| Luminaire Lumen : | 1120 lm |
| Lamp Wattage : | 14 W(24Vdc) |
| Luminaire Wattage : | 14 W |
| Efficacy : | 80 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L70B10 >66,000 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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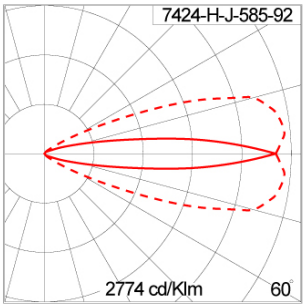
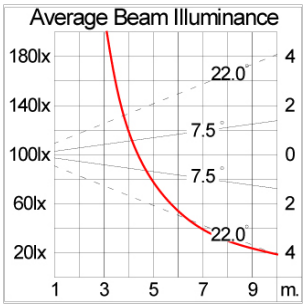
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-18 Luminaires for Swimming Pools |
| Protection | IP68 Class III |
| IK Rating | Protection against mechanical impact IK05 on body and IK07 on optical part. |
| Luminaires Body Housing | Superior corrosion-proof stainless steel, optimized for underwater durability. |
| | GFR polymer body ensuring lightweight durability and impact resistance. |
| Diffuser | Impact-resistant tempered glass designed for high-temperature environments. |
| Lens | Advanced molded PC lens offering diverse light distribution patterns. |
| 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. |
| Internal Wire | Durable PTFE-insulated internal wire with tinned copper conductor, operating from -40°C to +250°C. |
| Pre-Wire Cable | Certified pre-wired 2x1.0 sqmm cable, featuring H05RN-F neoprene insulation. |
| Caution | Installation must be performed as per the provided installation instructions. |
| | This luminaire must be used underwater to prevent overheating. |

## Light Distribution





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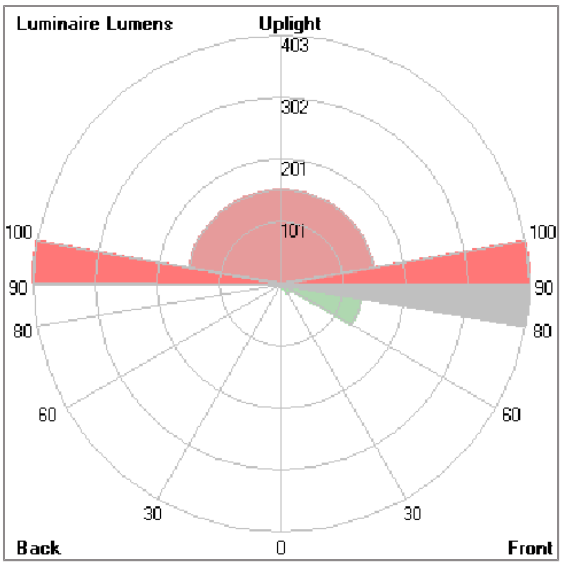
Bug Report




Lum. Classification System (LCS)

| LCS | Zone | %Lumens | %Lamp | %Lum |
|---|---|---|---|---|
| FL | (0-30) | 0.7 | 0.0 | 0.1 |
| FM | (30-60) | 18.6 | 1.2 | 1.7 |
| FH | (60-80) | 132.4 | 8.3 | 11.9 |
| FVH | (80-90) | 402.6 | 25.3 | 36.3 |
| BL | (0-30) | 0.0 | 0.0 | 0.0 |
| BM | (30-60) | 0.0 | 0.0 | 0.0 |
| BH | (60-80) | 0.0 | 0.0 | 0.0 |
| BVH | (80-90) | 0.0 | 0.0 | 0.0 |
| UL | (90-100) | 402.6 | 25.3 | 36.3 |
| UH | (100-180) | 151.7 | 9.5 | 13.7 |
| Total | | 1108.6 | 69.6 | 100.0 |
| BUG Rating | | B0-U3-G3 | | |

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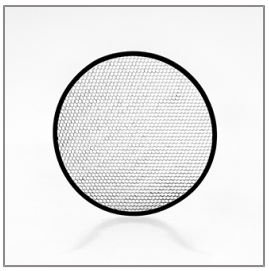
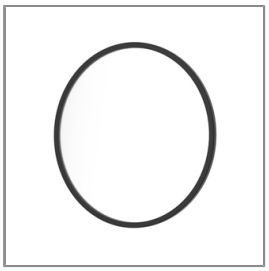
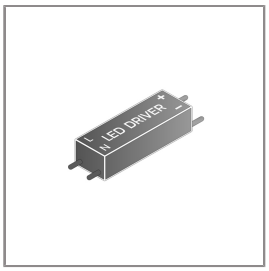
## Accessories



Ordering Code:
AUN-GSH-0008-00
Honeycomb louver, LED, pre-assembly from factory

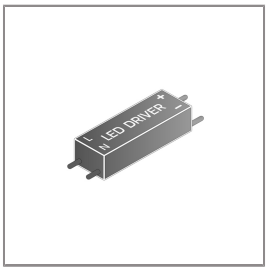


Ordering Code:
AUN-SOF-0022-00
Softening filter, LED, pre-assembly from factory




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

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




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

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