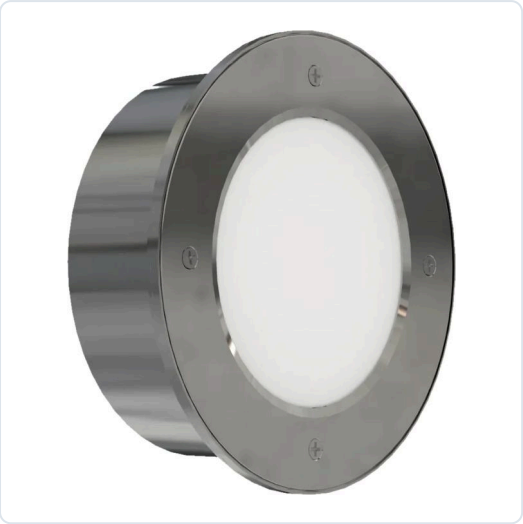
AKER LIGHTING

TECHNICAL DATA SHEET

AL 2075

STAINLESS STEEL CASE, BODY AND FRAME FLUSH MOUNTED UNDERWATER LIGHTING



Pool Lighting › Stainless Steel Flush Mounted Lighting

The AL 2075 is a flush-mounted underwater light in which the case, body and frame are all made of AISI 316L stainless steel. It is set into pool walls, cooled effectively by a metal heat sink in the body, and fitted with tempered, impact-resistant glass and polycarbonate lenses. Usable up to 5 m depth with RNF waterproof cable, it is offered in 24×1 W, 24×3 W and 32×4 W versions at 12 VDC, including RGB and RGBW options.

PROTECTION RATING **IP68**	OPERATING VOLTAGE **12 VDC**	POWER **24–128 W**
BEAM ANGLE **10° · 30° · 50° · 80°**	ELECTRICAL CLASS **Class III**	WARRANTY **2-year warranty**

LED COLOUR: White · Warm white · Blue · Green · Red · Amber · RGB · RGBW

POWER: 24 W · 52.8 W · 72 W · 128 W

OPERATING VOLTAGE: 12 VDC

CERTIFICATES AND PROPERTIES

- IP68 waterproof
- Class III
- UV resistant
- Recyclable
- CE
- 2 year warranty
- Suitable for direct mounting on normally flammable surfaces
- Dust-tight
- Protected against water jets

FEATURES

ADVANTAGES :

- Flush mounted into the walls.
- AISI 316L Stainless Steel materials
- Effective cooling thanks to the metal heat sink in the body. High-power LEDs
- Tempered impact resistant glass.
- Polycarbonate lenses.
- Usable up to 5 m depth.
- RNF waterproof cable.
- It can be used underwater.

TECHNICAL DATA

LIGHT

LED	**24×1W & 24×3W Power LED** **32×4W High Power LED**
Colour	**White, Warm White, Blue, Green,** **Red, Amber, RGB (24×1W & 24×3W)** **White, Warm White, Blue, RGBW (32×4W)**
Lumen	**2400 lumen (24×1W)** **5280 lumen (24×3W)** **17920 lumen (32×4W)**

ELECTRICAL

Volt	**12 VDC**
Watt	**24W / 52.8W / 128W** **RGB: 24W / 72W · RGBW: 128W**

LED COLOUR	LUMEN	WAVELENGTH	WATT	VOLT	LENS ANGLE
32×4 White	17920	6000-6500K	128W	12V	10°-30°-50°-80°
32×4 Warm White	17920	3000-3300K	128W	12V	10°-30°-50°-80°
32×4 Blue	6720	470nm	128W	12V	10°-30°-50°-80°
32×4 RGBW	11200		128W	12V	10°-30°-50°-80°
24X1 White	2400	6000-6500K	24W	12V	10°-30°-50°-80°
24×1 Warm White	2400	3000-3300K	24W	12V	10°-30°-50°-80°
24×1 Blue	720	470nm	24W	12V	10°-30°-50°-80°
24×1 Green	1920	530nm	24W	12V	10°-30°-50°-80°
24×1 Red	1200	630nm	24W	12V	10°-30°-50°-80°

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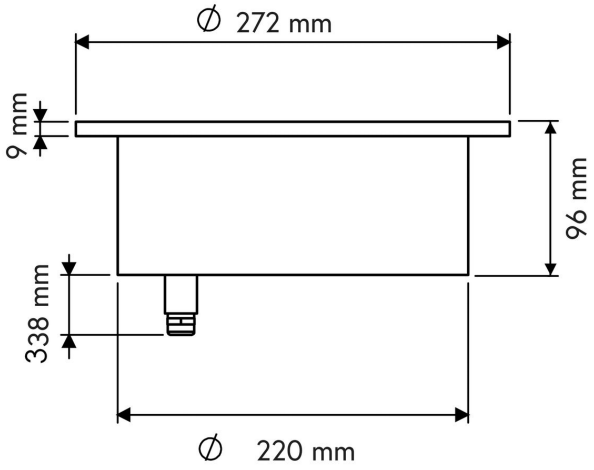
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AL 2075

STAINLESS STEEL CASE, BODY AND FRAME FLUSH MOUNTED UNDERWATER LIGHTING

LED COLOUR	LUMEN	WAVELENGTH	WATT	VOLT	LENS ANGLE
24×1 Amber	1200	590nm	24W	12V	10°-30°-50°-80°
24X3 White	5280	6000-6500K	52.8W	12V	10°-30°-50°-80°
24×3 Warm White	5280	3000-3300K	52.8W	12V	10°-30°-50°-80°
24×3 Blue	1584	470nm	52.8W	12V	10°-30°-50°-80°
24×3 Green	4224	530nm	52.8W	12V	10°-30°-50°-80°
24×3 Red	2640	630nm	52.8W	12V	10°-30°-50°-80°
24×3 Amber	2640	590nm	52.8W	12V	10°-30°-50°-80°
24×3 RGB	2635		72W	12V	10°-30°-50°-80°

DIMENSION DRAWINGS



Dimensions in millimetres (catalogue 2027).

PRODUCT CODES

Code	LED colour	Power	Luminous flux
AL 2075 24X1W (SINGLE COLOUR)	—	24 W	—
AL 2075 24X3W (SINGLE COLOUR)	—	52.8 W	—
AL 2075 24X3W (RGB)	RGB	72 W	—
AL 2075 32X4W (SINGLE COLOUR)	—	128 W	17920 lm
AL 2075 32X4W (RGBW)	RGBW	128 W	—

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