AL 4085

UNDERWATER FOUNTAIN LIGHTING



Pool Lighting › Pipe Mounted Fountain Lighting

The AL 4085 is an underwater LED light designed for fountain pools, suitable for 1" and 1.5" pipes. Its thermal resin body transfers heat to the water through cooling fins so the LEDs last longer, and all metal parts are AISI 316L stainless steel. The UV-protected, impact-resistant glass and corrosion-resistant construction suit saltwater use; it is offered in 12 LED and 18 LED versions with 1 W or 3 W power LEDs, in single colours, RGB and RGBW.

PROTECTION RATING **IP68**	OPERATING VOLTAGE **12 V**	POWER **12–54 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
POWER	12 W · 18 W · 26.4 W · 36 W · 39.6 W · 54 W
OPERATING VOLTAGE	12 V

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

ADVANTAGE

- Designed for use in fountain pools
- Low energy consumption
- The thermal resin polymer quickly transfers body heat to the water through its cooling fins, so the LEDs last longer.
- All metal parts are AISI 316L stainless steel.
- The glass is UV protected and impact resistant.
- The stainless steel product has tempered glass.
- All products are corrosion resistant.
- Easy and simple installation.
- Suitable for 1" and 1.5" pipes.
- RGB and RGBW LEDs are full colour.
- Recyclable Eco-Friendly materials.
- Volt: 12 V · optional 10-30 VDC
- Full PC glass, resistant to UV and impact
- PG9 cable gland
- Suitable for saltwater

TECHNICAL DATA

ELECTRICAL

Watt	**12 LED: 12W / 26.4W · 18 LED: 18W / 39.6W** **RGB: 36W (12×3W) / 54W (18×3W)**

SPECIFICATIONS

WATT	LED COLOUR	LUMEN
12W	12×1 White	1200
12W	12×1 Warm White	1200
12W	12×1 Blue	360
12W	12×1 Green	960
12W	12×1 Red	600
12W	12×1 Amber	600
26.4W	12×3 White	2640
26.4W	12×3 Warm White	2640
26.4W	12×3 Blue	792
26.4W	12×3 Green	2112
26.4W	12×3 Red	1320
26.4W	12×3 Amber	1320
36W	12×3 RGB	1318

WATT	LED COLOUR	LUMEN
18W	18×1 White	1800
18W	18×1 Warm White	1800
18W	18×1 Blue	540
18W	18×1 Green	1440
18W	18×1 Red	900

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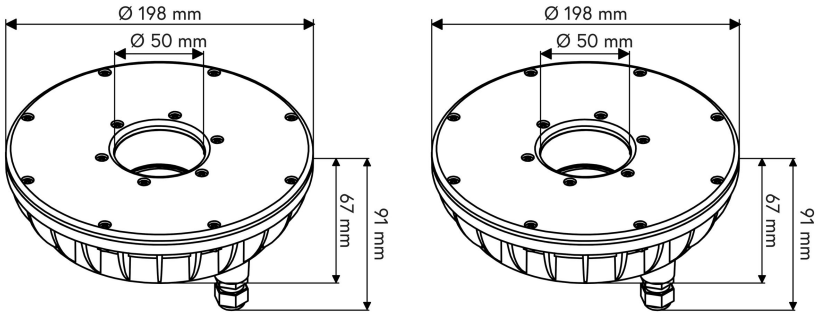
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WATT	LED COLOUR	LUMEN
18W	18×1 Amber	900
39.6W	18×3 White	3960
39.6W	18×3 Warm White	3960
39.6W	18×3 Blue	1188
39.6W	18×3 Green	3168
39.6W	18×3 Red	1980
39.6W	18×3 Amber	1980
54W	18×3 RGB	1976

WAVELENGTH	VOLT	LENS ANGLE
6000-6500K	12V	10°-30°-50°-80°
3000-3300K	12V	10°-30°-50°-80°
470nm	12V	10°-30°-50°-80°
530nm	12V	10°-30°-50°-80°
630nm	12V	10°-30°-50°-80°
590nm	12V	10°-30°-50°-80°
6000-6500K	12V	10°-30°-50°-80°
3000-3300K	12V	10°-30°-50°-80°
470nm	12V	10°-30°-50°-80°
530nm	12V	10°-30°-50°-80°
630nm	12V	10°-30°-50°-80°
590nm	12V	10°-30°-50°-80°
	12V	10°-30°-50°-80°

DIMENSION DRAWINGS



Dimensions in millimetres (catalogue 2027).

PRODUCT CODES

Code	LED colour	Power	Luminous flux
AL 4085 12X1W (SINGLE COLOUR)	—	12 W	1200 lm
AL 4085 12X3W (SINGLE COLOUR)	—	26.4 W	2640 lm
AL 4085 12X3W (RGB)	RGB	36 W	—
AL 4085 18X1W (SINGLE COLOUR)	—	18 W	1800 lm
AL 4085 18X3W (SINGLE COLOUR)	—	39.6 W	3960 lm
AL 4085 18X3W (RGB)	RGB	54 W	—

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