AKER LIGHTING

POOL LIGHTING

PRODUCT CATALOGUE

2027

EN

Türkiye
Discover
the potential

AKER LIGHTING

All products are our manufacturing.

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OUR HISTORY

Since 1955

From a small metalworking workshop in Istanbul to a manufacturer of LED lighting exported all over the world.

1955 Our story began in 1955 in Istanbul, when our founder Mr. Süleyman Alkan established Akboru. In our early years we specialised in metalwork, especially pipe manufacturing. The quality of our work soon earned the respect of the industry; step by step we widened our range and became one of the leading companies in our field.

1980 Mr. Alkan and three of his friends founded and organised a modern industrial estate, the İstanbul Doğu Industrial Estate. As our need for production space grew, our company moved to this new site.



1998 Our company kept growing and became a limited company: AKBORU ELEKTRİK CO. LTD.

1999 We started manufacturing garden lighting, and year after year widened our range of garden fixtures made of stainless steel, aluminium and special durable resin.



2008 We began producing LED underwater and pool lighting, a field that demands advanced manufacturing technology. Our innovative PAR56 pool lamps and surface-mounted pool lights were among the first of their kind in Türkiye and in the world. Since then we have focused on energy-efficient, environmentally friendly LED products.



2010 We greatly increased our investment in machinery, moulds and electronic engineering. Today we make LED pool and underwater lights and their housings, garden lighting in stainless steel, aluminium and special plastics, solar lighting, and LED ceiling and wall lights. Most of our products are original designs protected by industrial design registrations and patents. Our commitment to continuous quality is certified to ISO 9001:2015.



2012 We carried our underwater lighting experience further and added yacht and boat lighting to our range. To raise our product quality and grow our international trade, our products carry CE and CB certificates. Everything we sell is made in our own factory and exported to many countries, especially in Europe and the Americas. As an innovative company that cares about quality, we will keep offering you better products with our own designs.

CORPORATE MANAGEMENT

A family of makers since 1955



Süleyman ALKAN

FOUNDER · 1933 – 2026

In 1955 he opened a small metalworking workshop in Istanbul and, step by step, built it into the company we are today. A maker at heart, he designed pipe-making machines, lathes and many other machines from his own hand drawings and built them himself; the pipes made on them were known as among the finest in Türkiye. In 1980 he and three friends founded the İstanbul Doğu Industrial Estate, where our factory still stands.



Zafer ALKAN

R&D AND EXPORT PROJECTS

He leads our research and development. He designs our new products and is the creator of our patents for innovative products, including the patented cooling system for PAR56 pool lamps. Working closely with our customers abroad, he develops lighting projects for export markets.



Ali ALKAN

PURCHASING & PROCUREMENT

He is responsible for purchasing and procurement: from raw materials to components, he makes sure the factory has what it needs, on time and at the right quality. Specialised in finance and planning, he also prepares the production and development plans of the factory.



Hasan Kamil ALKAN

TECHNICAL DIRECTOR

Responsible for all technical work at our factory. Trained in production and design, he turns 3D drawings into the manufacturing steps of each product. An expert in moulds and tooling, he also builds part of our machinery and moulds himself.



Alican ALKAN

PRODUCTION & DIGITAL

He manages production at our factory and works every day to make it better. He also handles purchasing for new product designs, works with our customers abroad and leads our digital work, from our catalogues and websites to the company management system we run the factory with.



T.C.
TÜRK PATENT ENSTİTÜSÜ

İNCELEMELİ PATENT

No: TR 2012 00531 B

*Bu patent, 551 Sayılı Patent Haklarının Korunması Hakkında Kanun Hükmünde Kararname uyarınca **17.01.2012** tarihinden itibaren **20 yıl** süre ile yenilik ve tekniğin bilinen durumunun aşılması konusunda yapılan inceleme sonucunda **incelemeli** olarak verilmiştir*

Prof. Dr. Habip ASAN
Enstitü Başkanı

T.C. PATENT DAİRESİ BAŞKANLIĞI TÜRK PATENT ENSTİTÜSÜ

TURK PATENT ENSTITUSU



T.C.
TÜRK PATENT ENSTİTÜSÜ

FAYDALI MODEL BELGESİ

No: TR 2016 03905 Y

Bu Belge 551 Sayılı Patent Haklarının Korunması Hakkında Kanun Hükmünde Kararname'nin 162 nci maddesi uyarınca ***28.03.2016*** *tarihinden itibaren* ***10 yıl*** *süre ile verilmiştir.*

Prof. Dr. Habip ASAN
Enstitü Başkanı

T.C. TÜRK PATENT ENSTİTÜSÜ PATENT DAİRESİ BAŞKANLIĞI

TURK PATENT ENSTITUSU



TÜRK PATENT

PATENT BELGESİ

No: TR 2024 000325 B

Buluş Başlığı

HAVUZ ARMATÜRLERİ İÇİN BİR MONTAJ TERTİBATI

Patent Sahibi

AK BORU ELEKTRİK MALZEMELERİ SANAYİ TİCARET LİMİTED ŞİRKETİ

Bu belge, 6769 sayılı Sınai Mülkiyet Kanunu kapsamında 11.01.2024 tarihinden itibaren 20 yıl süre ile korunmak üzere 21/10/2025 tarihinde verilmiştir.

Prof. Dr. M. Zeki DURAK
Başkan

TÜRK PATENT
TÜRK PATENT VE MARKA KURUMU



İNCELEMELİ PATENT

No: TR 2014 03866 B

Buluş Başlığı

Sıva üstü havuz aydınlatma armatürü.

Patent Sahibi

AK BORU ELEKTRİK MALZEMELERİ SANAYİ TİCARET LİMİTED ŞİRKETİ

Bu patent, 6769 sayılı Sınai Mülkiyet Kanununun Geçici 1 nci maddesi uyarınca Mülga 551 sayılı Patent Haklarının Korunması Hakkında Kanun Hükmünde Kararname kapsamında 03/04/2014 tarihinden itibaren 20 yıl süre ile korunmak üzere 23/07/2018 tarihinde incelemeli olarak verilmiştir.

Prof. Dr. Habip ASAN
Başkan





T.C.
TÜRK PATENT VE MARKA KURUMU

FAYDALI MODEL BELGESİ

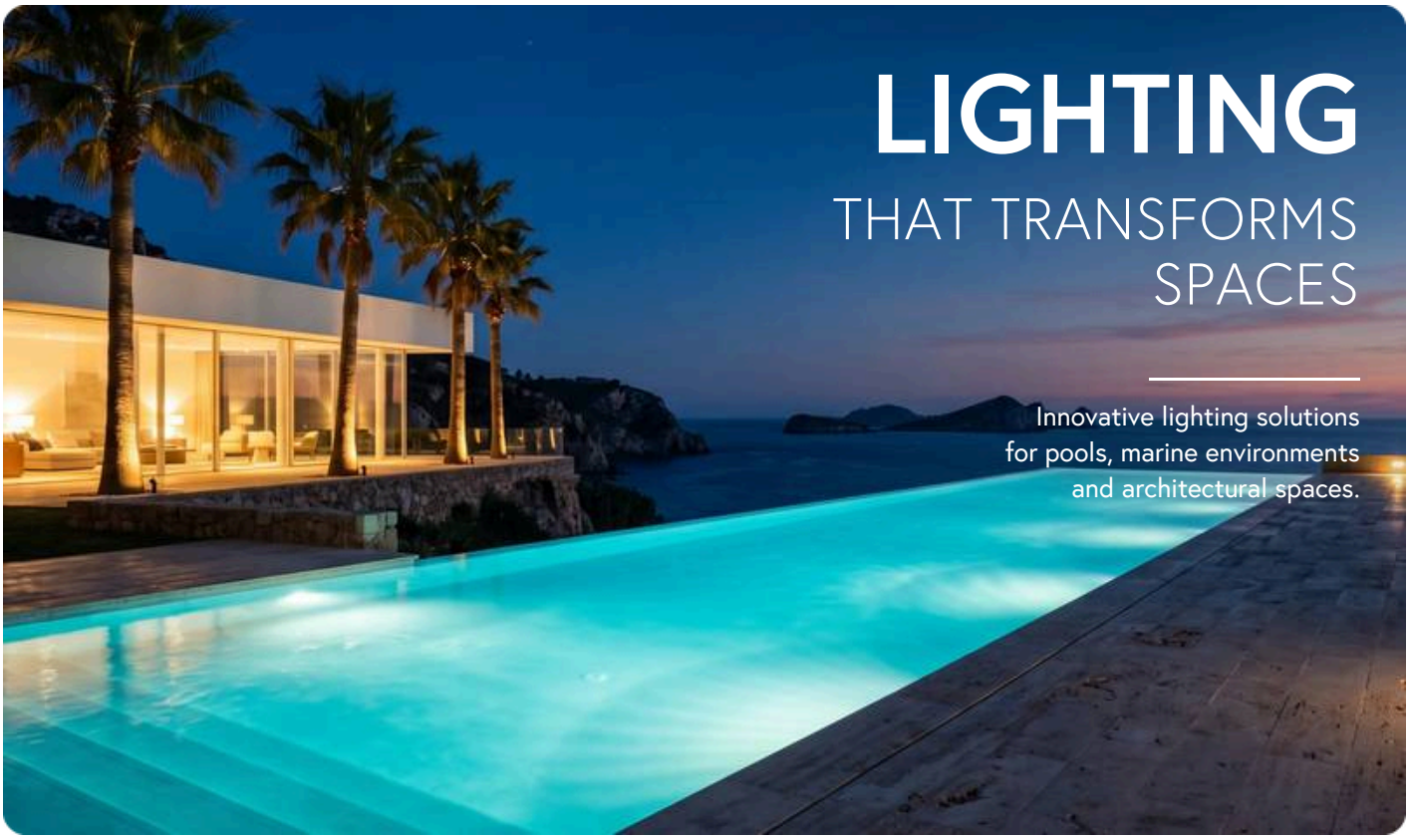
No: TR 2016 05173 Y

*Bu Belge , **21.04.2016** tarihinden itibaren **10 yıl** süre ile verilmiştir.*

Prof. Dr. Habip ASAN
Türk Patent ve Marka Kurumu
Başkanı

T.C. TÜRK PATENT ve MARKA KURUMU PATENT DAİRESİ BAŞKANLIĞI

TÜRK PATENT
TÜRK PATENT VE MARKA KURUMU



LIGHTING
THAT TRANSFORMS SPACES

Innovative lighting solutions
for pools, marine environments
and architectural spaces.



POOL LIGHTING
Underwater lighting solutions
for residential and commercial pools



MARINE LIGHTING
Underwater and deck lighting
for yachts and marine applications



OUTDOOR LIGHTING
Architectural and landscape
lighting for exterior spaces

ABOUT US

AKER Lighting, a brand of AK BORU, designs and manufactures lighting solutions for swimming pools, marine environments and architectural applications. Combining innovative engineering, durable materials and functional design, we provide reliable lighting solutions for international markets.

Our products are engineered to perform in the most challenging environments, combining durability, energy efficiency and elegant design.

OUR OWN DESIGN & MANUFACTURING

HIGH QUALITY MATERIALS

GLOBAL MARKET PRESENCE

AKBORU



PATENTED PRODUCT

AL 4145

UNIVERSAL ADJUSTABLE FRAME UNDERWATER POOL LIGHTING



PRODUCT DESCRIPTION

The AL 4145 model combines aesthetics and efficiency in your pool, offering a user-friendly underwater light. This model stands out with its patented adjustable frame, which adapts to different pool housings available in the market. Thanks to the adjustable tightening clips of our newly designed product, it can be applied to all pool housings with diameters ranging from 21 to 27 cm. Its slim design creates a sleek and elegant look in your pool.

FRAME COLOUR OPTIONS
White, Anthracite, Stainless Steel

FRAME ADJUSTABILITY
Adjustable for diameters between 21 cm and 27 cm

LIGHTING TYPE
Compatible with AL SFPAR56 Slim Model PAR56 Lamp

MATERIAL
Eco-friendly, UV-resistant, corrosion-resistant, and suitable for underwater use

WARRANTY
2 years

INSTALLATION
Easy frame and light replacement

U.V. IP68 2 YEARS WARRANTY

AL 4145

SLIM DESIGN FLUSH MOUNTED PAR56 LIGHTING



AL 4145 WH
(White Frame)

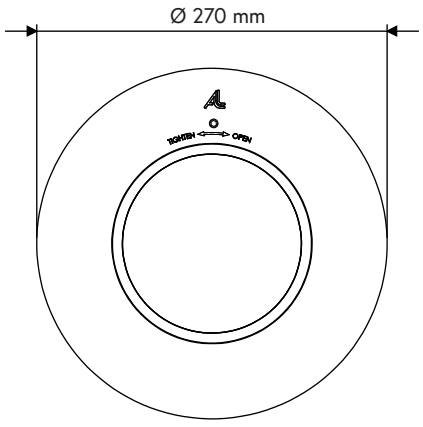


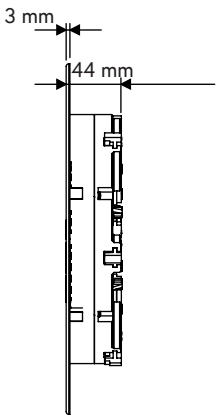
AL 4145 AT
(Anthracite Frame)

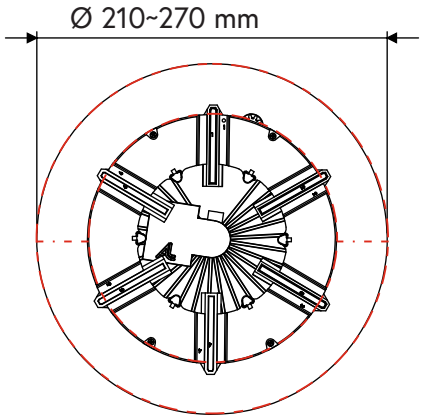


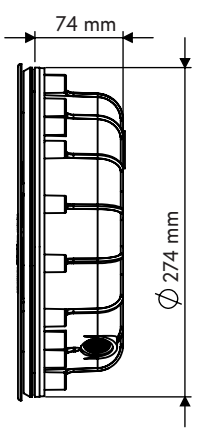
AL 4145 SS
(Stainless Steel Frame)

	SINGLE COLOURS	RGB (FOUR-WIRE)	RGB (TWO-WIRE)
PRODUCT CODES	AL 4145-84 WH (WH, WW, BL) AL 4145-120 WH (WH, WW, BL)	AL 4145-150 WH RGB AL 4145-240 WH RGB	AL 4145-150 WH RGB AL 4145-240 WH RGB
	AL 4145-84 AT (WH, WW, BL) AL 4145-120 AT (WH, WW, BL)	AL 4145-150 AT RGB AL 4145-240 AT RGB	AL 4145-150 AT RGB AL 4145-240 AT RGB
	AL 4145-84 SS (WH, WW, BL) AL 4145-120 SS (WH, WW, BL)	AL 4145-150 SS RGB AL 4145-240 SS RGB	AL 4145-150 SS RGB AL 4145-240 SS RGB
LED	84 and 120 LEDs	150 and 240 LEDs	150 and 240 LEDs
LED COLOURS	White (6000K), Warm White (3000K), Blue	RGB, controlled with an RGB controller	RGB, no controller needed: colour changes with ON/OFF switch
WATT / LUMEN	42 W: WH/WW 4200 lm · BL 2520 lm 60 W: WH/WW 6000 lm · BL 3600 lm	30 W / 50 W	30 W / 50 W
VOLT	12 VAC / 24 VDC	12 VDC	12 VAC
CASE	The housing is optional.		









U.V. IP68 2 YEARS WARRANTY **PATENTED**



PATENTED PRODUCT

AL SFPAR56 TR

24 mm SLIM DESIGN
PAR56 LED POOL BULB

ADVANTAGES

- The lamp body transfers heat quickly from the LEDs to the water, so the body temperature does not rise.
- Thermal resin polymer body is resistant to pool chemicals.
- No corrosion due to water.
- The lamp glass is highly resistant to impact and UV.
- Long life and high light output.
- All electronic circuit boards must be cooled.
- Longer life than other LED bulbs.
- Suitable for saltwater.

SPECIFICATIONS

- 42W White and Warm White colours: 4200 lumen
- 42W Blue colour: 2520 lumen
- 60W White and Warm White colours: 6000 lumen
- 60W Blue colour: 3600 lumen
- 30W & 50W RGB 3-chip full-colour LED
- 30W & 50W RGB 3-chip full-colour LED, two-wire control (no wireless control needed)
- Two-wire RGB lamp changes colour with ON/OFF switching

WHAT MAKES THERMAL RESIN DIFFERENT?

- Thermal resin is a polymer material with high heat transfer.
- Thermal resin is a new high-tech material with high heat transfer.
- Our patented cooling body design removes the heat generated by the LEDs, giving a much longer life than other LED bulbs.
- Thermal resin polymer body is resistant to pool chemicals.
- The UV-protected glass is unbreakable and impact resistant, so it cannot cause dangerous cuts in the pool.

RGB BULB LUMEN VALUES

AL SFPAR56 TR-150 RGB

LED TYPE : 5050
LED PCS : 150

LED COLOUR	TOTAL MCD	LUMEN
RED	75,000	235
GREEN	195,000	615
BLUE	49,500	155
WHITE	319,500	1005

RGB BULB LUMEN VALUES

AL SFPAR56 TR-240 RGB

LED TYPE : 5050
LED PCS : 240

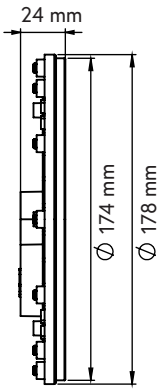
LED COLOUR	TOTAL MCD	LUMEN
RED	120,000	376
GREEN	312,000	980
BLUE	79,200	248
WHITE	511,200	1604

AL SFPAR56 TR-84/120 (WH/WW/BL)

SLIM DESIGN PAR56 LED BULBS



PATENTED



LED	: 84 pcs high power SMD LED (5730) 120 pcs high power SMD LED (5730)
Colour	: White, Warm White, Blue
Lumen	: WH/WW 4200 - BL 2520 lumen WH/WW 6000 - BL 3600 lumen
Volt	: 12 VAC / 24 VDC
Watt	: 42 W. (AL SFPAR56 TR-84 WH/WW/BL) 60 W. (AL SFPAR56 TR-120 WH/WW/BL)

Specifications
Slim Design
UV protected Thermal Resin cooled body
High light output, long life, low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No Corrosion
Suitable for saltwater

U.V. CE IP68 2 YEARS WARRANTY

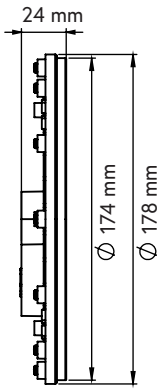
AL SFPAR56 TR-150/240 (RGB 4 WIRES)

SLIM DESIGN PAR56 LED BULBS



PATENTED

RGB 4 WIRES



LED	: 150 pcs high power SMD LED (5050) 240 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VDC
Watt	: 30 W. (AL SFPAR56 TR-150 RGB) 50 W. (AL SFPAR56 TR-240 RGB)

Specifications
Slim Design
UV protected Thermal Resin cooled body
High light output, long life, low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
Easy installation
No Corrosion
Suitable for saltwater
RGB full colour

U.V. CE IP68 2 YEARS WARRANTY

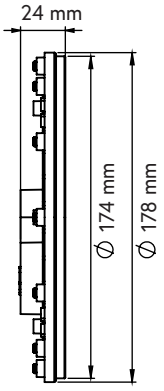
AL SFPAR56 TR-150/240 (RGB 2 WIRES)

SLIM DESIGN PAR56 LED BULBS



PATENTED

RGB 2 WIRES



LED	: 150 pcs high power SMD LED (5050) 240 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VAC
Watt	: 30 W. (AL SFPAR56 TR-150 RGB) 50 W. (AL SFPAR56 TR-240 RGB)

Specifications
Slim Design
Internal RGB control, two-wire
RGB colour changing with ON/OFF
RGB full colour
UV protected Thermal Resin cooled body
High light output, long life, low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
Easy installation
No Corrosion
Suitable for saltwater

U.V. CE IP68 2 YEARS WARRANTY



ADVANTAGES

- Three body options: thermal resin, aluminium and eco flat (see the table on the next page)
- Low energy consumption, high light output and long life
- Low installation cost
- Glass and body resistant to UV and impact
- IP68 waterproof protection
- Patented cooling body
- Single colour (white, warm white, blue) and RGB full colour options
- RGB: 4 wires with wireless control or 2 wires with ON/OFF colour change

AKER SMD LED BULBS VS. NORMAL HALOGEN BULBS

- Aker SMD LED: 20–60 W, low energy consumption, high light output, long life
- Normal halogen: 300 W, high energy consumption, short life, high price for each bulb

WHAT IS THE COOLING BODY?

- The LEDs sit on the patented cooling body, which carries their heat straight to the pool water
- The water cools the bulb all the time, so the LEDs run at a low temperature
- Cool LEDs keep their brightness and colour and last much longer

RGB BULB LUMEN VALUES
AL SPAR56 TR-150 / AL SPAR56-150 RGB

LED TYPE : 5050
LED PCS : 150

LED COLOUR	TOTAL MCD	LUMEN
RED	75,000	235
GREEN	195,000	615
BLUE	49,500	155
WHITE	319,500	1005

RGB BULB LUMEN VALUES
AL SPAR56 TR-240 / AL SPAR56-240 RGB

LED TYPE : 5050
LED PCS : 240

LED COLOUR	TOTAL MCD	LUMEN
RED	120,000	376
GREEN	312,000	980
BLUE	79,200	248
WHITE	511,200	1604

RGB BULB LUMEN VALUES
AL SPAR56 ECO-99 RGB

LED TYPE : 5050
LED PCS : 99

LED COLOUR	TOTAL MCD	LUMEN
RED	49,500	155
GREEN	128,700	406
BLUE	32,700	103
WHITE	210,900	664

AL SPAR56 SERIES

PAR56 LED POOL BULBS

PATENTED



AL SPAR56 TR
THERMAL RESIN BODY



AL SPAR56
ALUMINIUM BODY



AL SPAR56 ECO FLAT
ECO MODEL

	AL SPAR56 TR	AL SPAR56	AL SPAR56 ECO FLAT
PRODUCT CODES SINGLE COLOUR (WH/WW/BL)	AL SPAR56 TR-84 (WH/WW/BL) AL SPAR56 TR-120 (WH/WW/BL)	AL SPAR56-84 (WH/WW/BL) AL SPAR56-120 (WH/WW/BL)	AL SPAR56-51 ECO FLAT (WH/WW/BL)
PRODUCT CODES RGB	AL SPAR56 TR-150 (RGB) AL SPAR56 TR-240 (RGB) AL SPAR56 TR-150/240 (RGB TWO WIRED)	AL SPAR56-150 (RGB) AL SPAR56-240 (RGB)	AL SPAR56-99 ECO FLAT (RGB) AL SPAR56-99 ECO FLAT (RGB TWO WIRED)
BODY	UV protected thermal resin cooled body	Aluminium cooling body, anti-corrosion plating	Special cooling body
LED	84 / 120 pcs SMD LED (5730) 150 / 240 pcs SMD LED (5050) RGB	84 / 120 pcs SMD LED (5730) 150 / 240 pcs SMD LED (5050) RGB	51 pcs SMD LED (5730) 99 pcs SMD LED (5050) RGB
WATT	42 W / 60 W 30 W / 50 W RGB	42 W / 60 W 30 W / 50 W RGB	26 W 20 W RGB
LUMEN	42 W: WH/WW 4200 · BL 2520 60 W: WH/WW 6000 · BL 3600	42 W: WH/WW 4200 · BL 2520 60 W: WH/WW 6000 · BL 3600	WH/WW 2600 · BL 1560
VOLT	12 VAC / 24 VDC (single colour) 12 VAC (RGB two-wire) 12 VDC (RGB four-wire)	12 VAC / 24 VDC (single colour) 12 VDC (RGB)	12 VAC 12 VDC (RGB four-wire)
RGB CONTROL	Four-wire: wireless control Two-wire: colour change with ON/OFF	Four-wire: wireless control	Four-wire: wireless control Two-wire: colour change with ON/OFF
SALTWATER	Suitable	Not suitable	Suitable
PACKAGE SIZE	64 x 38 x 56 cm · 23.6 kg	64 x 38 x 56 cm	64 x 38 x 56 cm
WARRANTY	2 years	2 years	1 year

FEATURES:

- UV protected special glass, resistant to impact
- High light output, long life, low energy consumption
- Recyclable eco-friendly materials
- RGB full colour with fast / slow and colour-changing / fixed-colour modes

U.V. IP68

AL 4045 CASE SERIES

PAR56 POOL LIGHTING HOUSING



AL 4045 WH
WHITE FRAME



AL 4045 AT
ANTHRACITE FRAME



AL 4045 CR
CHROME FRAME



AL 4045 SS
STAINLESS STEEL FRAME



AL 4045SC WH
WHITE FRAME



AL 4045SC AT
ANTHRACITE FRAME



AL 4045SC CR
CHROME FRAME



AL 4045SC SS
STAINLESS STEEL FRAME



AL 4045
CONCRETE CASE

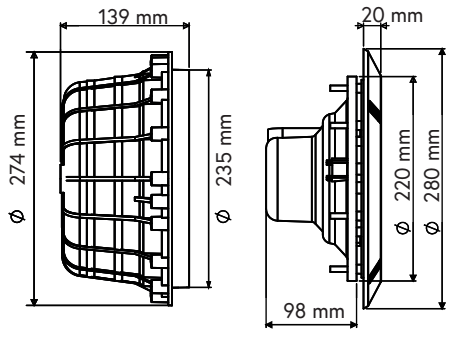


AL 4045LNR
LINER CASE

PRODUCT CODES

	CONCRETE	LINER
INTERLOCKING POOL HOUSING INSTALLATION	AL 4045 WH AL 4045 AT AL 4045 CR AL 4045 SS	AL 4045 LNR WH AL 4045 LNR AT AL 4045 LNR CR AL 4045 LNR SS
SCREW-TIGHTENING INSTALLATION	AL 4045SC WH AL 4045SC AT AL 4045SC CR AL 4045SC SS	AL 4045SC LNR WH AL 4045SC LNR AT AL 4045SC LNR CR AL 4045SC LNR SS

TECHNICAL DETAILS



Features:

- Compatible with AL SPAR56, AL SPAR56TR & AL SFPAR56 models
- Standard PAR56 bulb housing
- Suitable for use in saltwater
- AISI 316L stainless steel frame and equipment
- Resistant to UV rays and corrosion

U.V.

AL 4145 CASE SERIES

SLIM POOL LIGHTING HOUSING





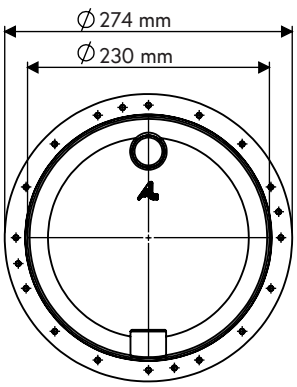


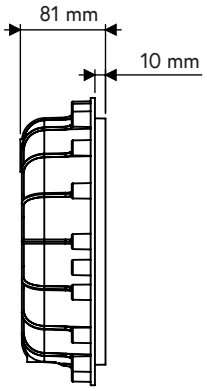


AL 4145
CONCRETE CASE

AL 4145LNR
LINER CASE

	CONCRETE	LINER
SCREW-TIGHTENING INSTALLATION	AL 4145 WH AL 4145 AT AL 4145 SS	AL 4145 LNR WH AL 4145 LNR AT AL 4145 LNR SS





Features:

• Compatible with AL SFPAR56 model • Suitable for use in saltwater • AISI 316L stainless steel frame and equipment
• Resistant to UV rays and corrosion



PRODUCT DESCRIPTION

The AL 4285-H is a 6 LED recessed underwater light for pool walls, steps and fountains. Its brushed AISI 316L stainless steel front plate sits flush with the tiles, while the thermal resin body carries the heat away from the power LEDs for a long service life. Tempered glass and a sealed gasket make it fully waterproof (IP68). Supplied with a mounting box for easy installation in concrete, in single colour or RGB full colour.



LED
6X1W & 6X3W Power LED

COLOUR
White, Warm White, Blue, Green, Red,
Amber, RGB (6X1W & 6X3W options)

LUMEN
600 lumen (6W)
1320 lumen (13.2W)

VOLT
12 VDC / 24 VDC · RGB: 12 VDC

WATT
6W / 13.2W

AL 4285-H

IN-GROUND 6 LED UNDERWATER LIGHTING



LED : 6X1W & 6X3W Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (6X1W & 6X3W options)
LUMEN : 600 lumen (6W)
1320 lumen (13.2W)
VOLT : 12 VDC / 24 VDC · RGB: 12 VDC
WATT : 6W / 13.2W

SPECIFICATIONS

AISI 316L Stainless steel frame
Thermal resin body
Tempered glass
RGB full colour
Flush mounted front plate
Supplied with mounting box
Recessed (in-wall) underwater lighting



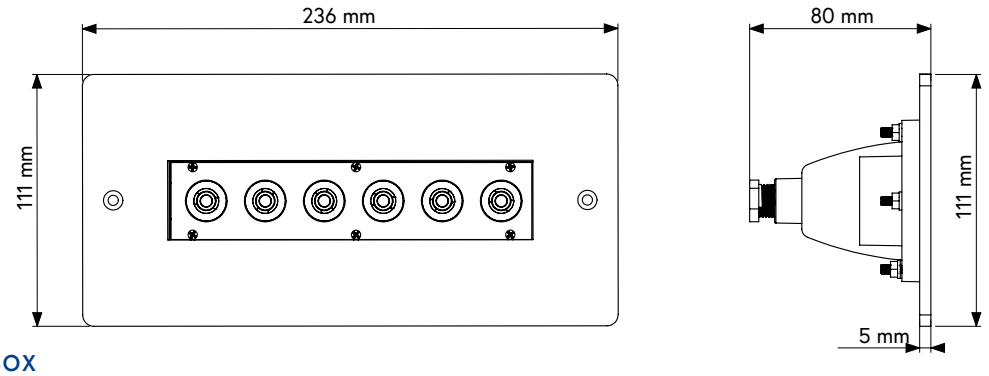
LED COLOUR & LUMEN VALUES

6 LED · 6W / 13.2W

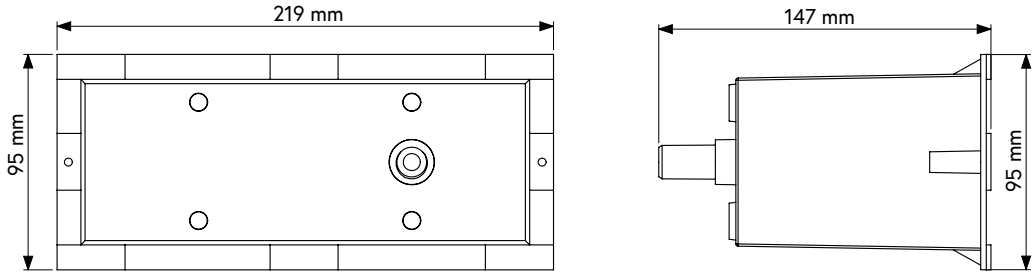
VOLT : 12 VDC / 24 VDC · RGB: 12 VDC

LED COLOUR	WAVELENGTH	1W LEDS	3W LEDS
WHITE	6000-6500K	600	1320
WARM WHITE	3000-3300K	600	1320
BLUE	470nm	180	396
GREEN	530nm	480	1056
RED	630nm	300	660
AMBER	590nm	300	660
RGB	–	–	483

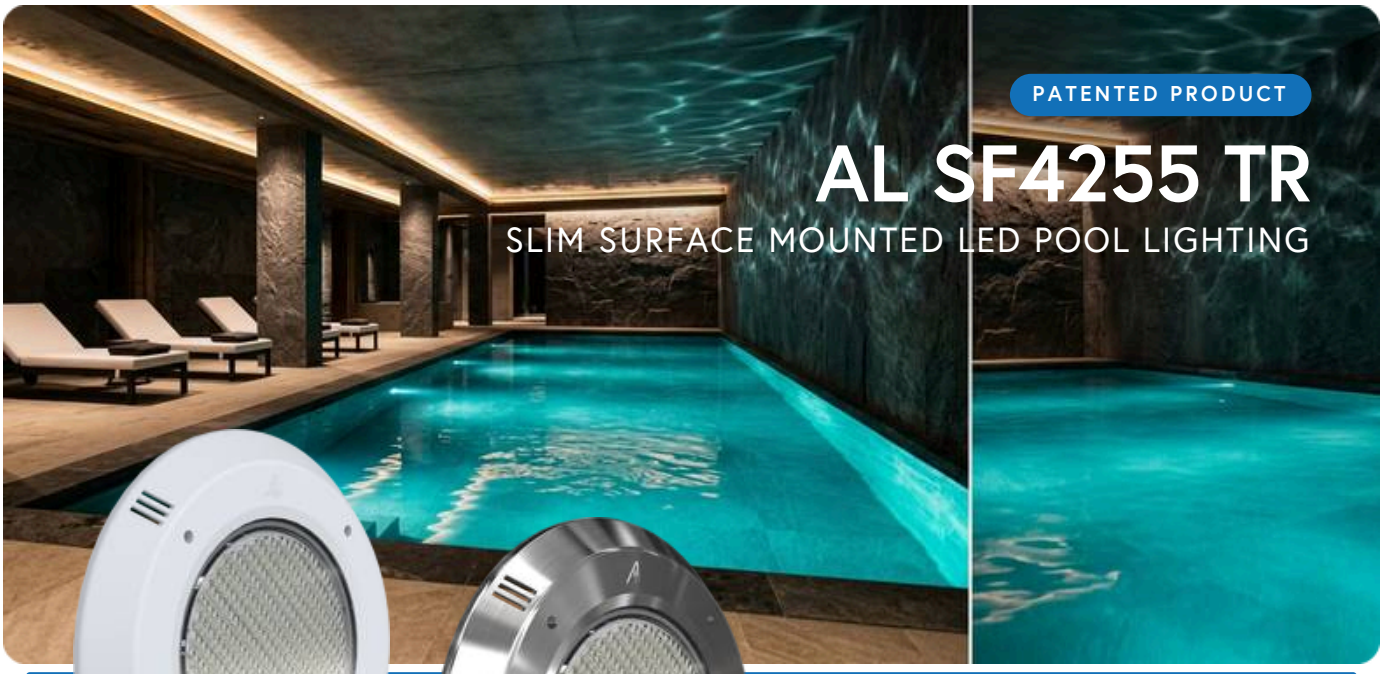
LUMINAIRE



MOUNTING BOX



U.V. IP68 2 YEARS WARRANTY



PATENTED PRODUCT

AL SF4255 TR

SLIM SURFACE MOUNTED LED POOL LIGHTING



WHITE ABS COVER

STAINLESS STEEL COVER

SPECIFICATIONS

- Low energy consumption
- High-power SMD LED, 50,000+ hours LED life
- Low installation cost
- Body resistant to UV and impact
- IP68 waterproof protection
- Patented thermal resin cooling body
- Glass resistant to impact and UV
- Cover types: white ABS or stainless steel

LED & COLOUR OPTIONS

- 84 pcs high-power SMD LED, White, Warm White, Blue
- 120 pcs high-power SMD LED, White, Warm White, Blue
- 150 pcs SMD (3-chip 5050 LED) RGB colour, wireless control
- 150 pcs SMD (3-chip 5050 LED) RGB colour, two-wire control
- 240 pcs SMD (3-chip 5050 LED) RGB colour, wireless control
- 240 pcs SMD (3-chip 5050 LED) RGB colour, two-wire control (colour changes with ON/OFF)

RGB LAMP LUMEN VALUES

AL SF4255TR-150 RGB

LED TYPE : 5050
LED PCS : 150

LED COLOUR	TOTAL MCD	LUMEN
RED	75,000	235
GREEN	195,000	615
BLUE	49,500	155
WHITE	319,500	1005

RGB LAMP LUMEN VALUES

AL SF4255TR-240 RGB

LED TYPE : 5050
LED PCS : 240

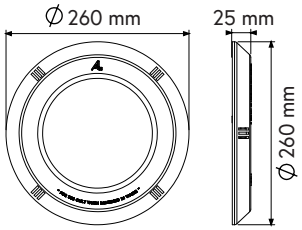
LED COLOUR	TOTAL MCD	LUMEN
RED	120,000	376
GREEN	312,000	980
BLUE	79,200	248
WHITE	511,200	1604

AL SF4255 TR-84/120 WH/SS (SINGLE COLOUR)

SLIM SURFACE MOUNTED LED POOL LIGHTING



PATENTED



LED	: 84 LED SMD (5730) high power or 120 LED SMD (5730) high power
LED Colour	: White, Warm White, Blue
Lumen	: WH-WW 4200 / BL 2520 lumen WH-WW 6000 / BL 3600 lumen
Volt	: 12 VAC
Watt	: 42 W 60 W
Package Size	: 62 x 27 x 27.5 cm

Specification
25mm new slim design
Cover types:
-AISI 316L Stainless Steel Cover
-White ABS cover
UV protected Thermal Resin cooled body
High light output, long life, low energy consumption
Special glass and body resistant to UV and impact
Suitable for saltwater

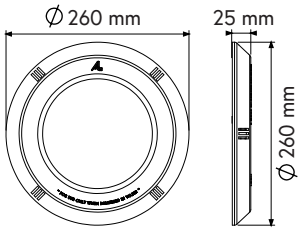
AL SF4255 TR-150/240 WH/SS (RGB)

SLIM SURFACE MOUNTED LED POOL LIGHTING



PATENTED

RGB 4 WIRES



LED	: 150 Pcs 3-chip 5050 SMD LED : 240 Pcs 3-chip 5050 SMD LED
LED Colour	: RGB
Volt	: 12 VDC
Watt	: 30 W. 50 W.
Package Size	: 62 x 27 x 27.5 cm

Specification
RGB control with four-wire cable
RGB full colour LED
25mm new slim design
Cover types:
-AISI 316L Stainless Steel Cover
-White ABS cover
UV protected Thermal Resin cooled body
High light output, long life, low energy consumption
Special glass and body resistant to UV and impact
Suitable for saltwater

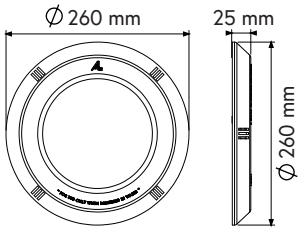
AL SF4255 TR-150/240 WH/SS (RGB TWO WIRED)

SLIM SURFACE MOUNTED LED POOL LIGHTING



PATENTED

RGB 2 WIRES



LED	: 150 Pcs 3-chip 5050 SMD LED : 240 Pcs 3-chip 5050 SMD LED
LED Colour	: RGB
Volt	: 12 VAC
Watt	: 30 W. 50 W.
Package Size	: 62 x 27 x 27.5 cm

Specification
Internal RGB control, two-wire
RGB colour changing with ON/OFF
RGB full colour LED
25mm new slim design
Cover types:
-AISI 316L Stainless Steel Cover
-White ABS cover
UV protected Thermal Resin cooled body
High light output, long life, low energy consumption
Special glass and body resistant to UV and impact
Suitable for saltwater



ADVANTAGES

- Low energy consumption, high-power SMD LED, 50,000+ hours LED life
- Low installation cost
- Body and glass resistant to UV and impact
- IP68 waterproof protection
- Patented cooling body in two versions: thermal resin or aluminium
- Covers: white ABS, chrome-plated, AISI 316L stainless steel

AL 4055TR · THERMAL RESIN BODY

- Thermal body: carries the LED heat into the pool water
- Does not corrode, not affected by pool chemicals
- Suitable for saltwater pools

AL 4055 · ALUMINIUM BODY

- Aluminium cooling body with special anti-corrosion plating
- For freshwater (chlorinated) pools — not suitable for saltwater
- Same frames, LEDs and sizes as AL 4055TR

RGB LAMP LUMEN VALUES
AL 4055-150 RGB & AL 4055TR-150

LED TYPE : 5050
LED PCS : 150

LED COLOUR	TOTAL MCD	LUMEN
RED	75,000	235
GREEN	195,000	615
BLUE	49,500	155
WHITE	319,500	1005

RGB LAMP LUMEN VALUES
AL 4055-240 RGB & AL 4055TR-240

LED TYPE : 5050
LED PCS : 240

LED COLOUR	TOTAL MCD	LUMEN
RED	120,000	376
GREEN	312,000	980
BLUE	79,200	248
WHITE	511,200	1604

RGB LAMP LUMEN VALUES
AL 4155 ECO-99 RGB

LED TYPE : 5050
LED PCS : 99

LED COLOUR	TOTAL MCD	LUMEN
RED	49,500	155
GREEN	128,700	406
BLUE	32,700	103
WHITE	210,900	664

AL 4055TR

SURFACE-MOUNT LED POOL LIGHT WITH THERMAL RESIN BODY

THERMAL RESIN BODY

Thermal body carries the LED heat into the water · does not corrode · suitable for saltwater pools



AL 4055TR WH
(White Frame)



AL 4055TR CR
(Chrome Frame)

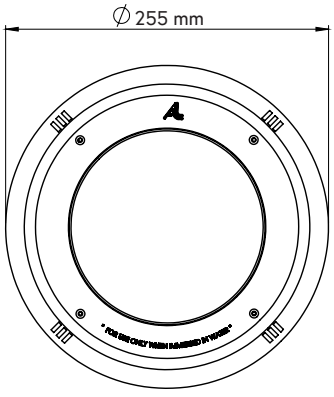


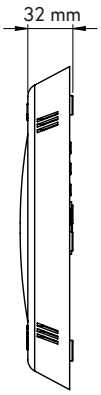
AL 4055TR SS
(Stainless Steel Frame)

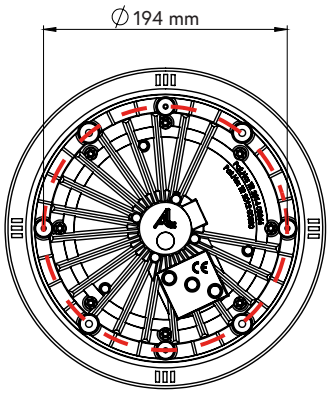
	SINGLE COLOURS	RGB (FOUR-WIRE)	RGB (TWO-WIRE)
PRODUCT CODES	AL 4055TR-84 WH (WH, WW, BL) AL 4055TR-120 WH (WH, WW, BL)	AL 4055TR-150 WH RGB AL 4055TR-240 WH RGB	AL 4055TR-150 WH RGB AL 4055TR-240 WH RGB
	AL 4055TR-84 CR (WH, WW, BL) AL 4055TR-120 CR (WH, WW, BL)	AL 4055TR-150 CR RGB AL 4055TR-240 CR RGB	AL 4055TR-150 CR RGB AL 4055TR-240 CR RGB
	AL 4055TR-84 SS (WH, WW, BL) AL 4055TR-120 SS (WH, WW, BL)	AL 4055TR-150 SS RGB AL 4055TR-240 SS RGB	AL 4055TR-150 SS RGB AL 4055TR-240 SS RGB
LED	84 and 120 LEDs	150 and 240 LEDs	150 and 240 LEDs
LED COLOURS	White (6000K), Warm White (3000K), Blue	RGB, controlled with an RGB controller	RGB, no controller needed: colour changes with ON/OFF switch
WATT / LUMEN	42 W: WH/WW 4200 lm · BL 2520 lm 60 W: WH/WW 6000 lm · BL 3600 lm	30 W / 50 W	30 W / 50 W
VOLT	12 VAC / 24 VDC	12 VDC	12 VAC
BODY / PACKAGE	Thermal resin cooling body · Suitable for saltwater · Frame: White, Chrome, AISI 316L SS · Package: 62 x 27 x 27.5 cm		

Features:

- 32mm thickness
- AISI 316L Stainless Steel Fixtures
- 50,000+ hours LED lifespan
- Suitable for use in saltwater
- Impact and UV-resistant glass
- High light output with low energy consumption
- Full-colour RGB LEDs for RGB models
- Two-wire and four-wire connection options for RGB models
- Multiple colour modes and dynamic patterns available in RGB models







U.V. · IP68 · 2 YEARS WARRANTY

PATENTED

AL 4055

SURFACE-MOUNT LED POOL LIGHT WITH ALUMINIUM BODY

ALUMINIUM BODY

Aluminium body with anti-corrosion plating · for freshwater (chlorinated) pools, not for saltwater



AL 4055 WH
(White Frame)



AL 4055 CR
(Chrome Frame)

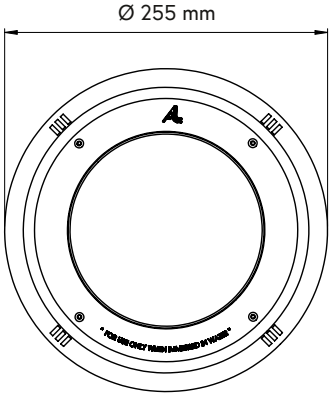


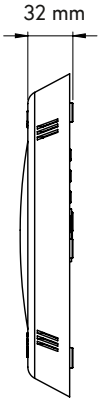
AL 4055 SS
(Stainless Steel Frame)

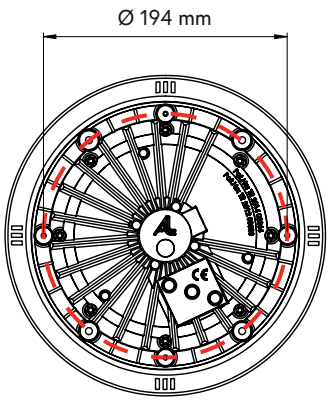
	SINGLE COLOURS	RGB (FOUR-WIRE)	RGB (TWO-WIRE)
PRODUCT CODES	AL 4055-84 WH (WH, WW, BL) 42W AL 4055-120 WH (WH, WW, BL) 60W	AL 4055-150 WH RGB 30W AL 4055-240 WH RGB 50W	AL 4055-150 WH RGB 30W AL 4055-240 WH RGB 50W
	AL 4055-84 CR (WH, WW, BL) 42W AL 4055-120 CR (WH, WW, BL) 60W	AL 4055-150 CR RGB 30W AL 4055-240 CR RGB 50W	AL 4055-150 CR RGB 30W AL 4055-240 CR RGB 50W
	AL 4055-84 SS (WH, WW, BL) 42W AL 4055-120 SS (WH, WW, BL) 60W	AL 4055-150 SS RGB 30W AL 4055-240 SS RGB 50W	AL 4055-150 SS RGB 30W AL 4055-240 SS RGB 50W
LED	84 and 120 LEDs	150 and 240 LEDs	150 and 240 LEDs
LED COLOURS	White (6000K), Warm White (3000K), Blue	RGB, controlled with an RGB controller	RGB, no controller needed: colour changes with ON/OFF switch
WATT / LUMEN	42 W: WH/WW 4200 lm · BL 2520 lm 60 W: WH/WW 6000 lm · BL 3600 lm	30 W / 50 W	30 W / 50 W
VOLT	12 VAC / 24 VDC	12 VDC	12 VAC
BODY / FRAME	Aluminium cooling body · Not suitable for saltwater · Frame: White, Chrome, AISI 316L Stainless Steel		
PACKAGE SIZE	62 x 27 x 27.5 cm		

Features:

- 32mm thickness
- AISI 316L Stainless Steel Fixtures
- 50,000+ hours LED lifespan
- Not suitable for use in saltwater
- Impact and UV-resistant glass
- High light output with low energy consumption
- Full-color RGB LEDs for RGB models
- Two-wire and four-wire connection options for RGB models







U.V. IP68 2 YEARS WARRANTY

PATENTED

AL 4155-51 ECO FLAT

ECO FLAT SURFACE-MOUNT LED POOL LIGHT

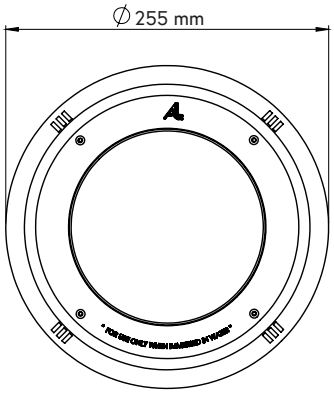


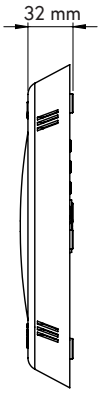
AL 4155-51 ECO FLAT
(White Frame)

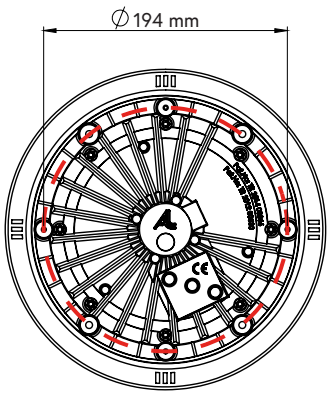
	SINGLE COLOURS	RGB (FOUR-WIRE)	RGB (TWO-WIRE)
PRODUCT CODES	AL 4155-51 ECO (WH, WW, BL) 26W	AL 4155-99 ECO RGB 20W	AL 4155-99 ECO RGB 20W
LED	51 LEDs	99 LEDs	99 LEDs
LED COLOURS	White (6000K), Warm White (3000K), Blue	RGB, controlled with an RGB controller	RGB, no controller needed: colour changes with ON/OFF switch
WATT / LUMEN	26 W: WH/WW 2600 lm · BL 1560 lm	20 W	20 W
VOLT	12 VAC	12 VDC	12 VAC
BODY / FRAME	Eco cooling body · Frame: White		
PACKAGE SIZE	62 x 27 x 27.5 cm		

Features:

• 32mm thickness • AISI 316L Stainless Steel Fixtures • 50,000+ hours LED lifespan • Suitable for use in saltwater • Impact and UV-resistant glass
• High light output with low energy consumption • Full-colour RGB LEDs for RGB models • Two-wire and four-wire connection options for RGB models
• Multiple colour modes and dynamic patterns available in RGB models







U.V. IP68 2 YEARS WARRANTY **PATENTED**



PATENTED PRODUCT

AL 4115

MINI DESIGN SURFACE MOUNTED POOL LIGHTING





ADVANTAGES

- Can be used underwater, in pools and on pool steps.
- Very slim and stylish design.
- Long service life thanks to the thermal resin body.
- The glass is impact resistant and UV protected.
- Easy and simple installation.
- High light output
- Thermal resin polymer body is resistant to pool chemicals.
- No corrosion.
- Suitable for saltwater
- Recyclable Eco-Friendly materials.

WHAT MAKES THERMAL RESIN DIFFERENT?

- Thermal resin is a polymer material with high heat transfer.
- Thermal resin is a new high-tech material with high heat transfer.
- Our patented cooling body design removes the heat generated by the LEDs, giving a much longer life.
- The high-tech body is not affected by pool chemicals.
- The UV-protected glass is unbreakable and impact resistant, so it cannot cause dangerous cuts in the pool.

RGB BULB LUMEN VALUES
AL 4115 RGB

LED TYPE : 5050
LED PCS : 12

LED COLOUR	TOTAL MCD	LUMEN
RED	6,000	19
GREEN	15,600	49
BLUE	3,960	12
WHITE	25,560	80

RGB BULB LUMEN VALUES
AL 4125 RGB

LED TYPE : 5050
LED PCS : 69

LED COLOUR	TOTAL MCD	LUMEN
RED	34,500	108
GREEN	89,700	283
BLUE	22,770	71
WHITE	146,970	462

RGB BULB LUMEN VALUES
AL 4135 RGB

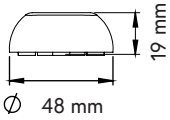
LED TYPE : 5050
LED PCS : 102

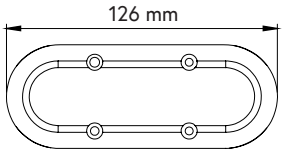
LED COLOUR	TOTAL MCD	LUMEN
RED	51,000	160
GREEN	132,600	418
BLUE	33,660	105
WHITE	217,260	683

AL 4115 TR/WH (WH/WW/BL)

SURFACE MOUNTED POOL AND POOL STEP LIGHTING







LED : 24 pcs high power SMD LED (5730)
COLOUR : White, Warm White, Blue
LUMEN : White, Warm White 1200, Blue 720 lumen
VOLT : 12 VDC
WATT : 12W

SPECIFICATIONS

UV protected Thermal Resin cooled body
High light output, long life
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater

U.V. IP68 2 YEARS WARRANTY **PATENTED**

AL 4115 TR/WH (RGB)

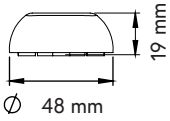
SURFACE MOUNTED POOL AND POOL STEP LIGHTING

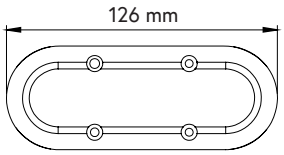




PATENTED

RGB 4 WIRES





U.V. IP68 2 YEARS WARRANTY

LED : 12 pcs high power SMD LED (5050)
COLOUR : RGB
VOLT : 12 VDC
WATT : 6 W

SPECIFICATION

UV protected Thermal Resin cooled body
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater
Fast and slow colour modes
Colour-changing and fixed-colour modes
Wireless control
RGB full colour
Patented product



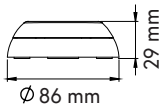
AL 4125 TR/WH (WH/WW/BL)

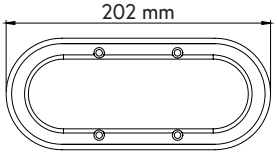
SURFACE MOUNTED POOL AND POOL STEP LIGHTING





PATENTED





LED	:	48 pcs high power SMD LED (5730)
COLOUR	:	White, Warm White, Blue
LUMEN	:	White, Warm White 2400, Blue 1440 lumen
VOLT	:	12 VAC or 12 VDC
WATT	:	24 W

SPECIFICATIONS

UV protected Thermal Resin cooled body
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater

U.V. IP68 2 YEARS WARRANTY

AL 4125 TR/WH (RGB)

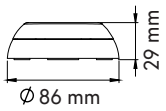
SURFACE MOUNTED POOL AND POOL STEP LIGHTING

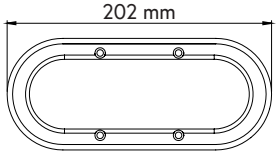




PATENTED

RGB 4 WIRES





LED	:	69 pcs high power SMD LED (5050)
COLOUR	:	RGB
VOLT	:	12 VDC
WATT	:	15 W

SPECIFICATIONS

UV protected Thermal Resin cooled body
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater
Fast and slow colour modes
Colour-changing and fixed-colour modes
Wireless control
RGB full colour
Patented product

U.V. IP68 2 YEARS WARRANTY

AL 4125 TR/WH (RGB TWO WIRED)

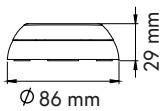
SURFACE MOUNTED POOL AND POOL STEP LIGHTING

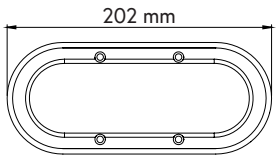




PATENTED

RGB 2 WIRES





LED	:	69 pcs high power SMD LED (5050)
COLOUR	:	RGB
VOLT	:	12 VAC
WATT	:	15 W

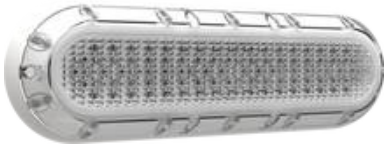
SPECIFICATIONS

Internal RGB control, two-wire
RGB colour changing with ON/OFF
Fast and slow colour modes
Colour-changing and fixed-colour modes
RGB full colour
UV protected Thermal Resin cooled body
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater
Patented product

U.V. IP68 2 YEARS WARRANTY

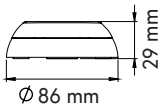
AL 4135 TR/WH (WH/WW/BL)

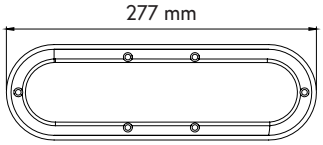
SURFACE MOUNTED POOL AND POOL STEP LIGHTING





PATENTED





LED : 84 pcs high power SMD LED (5730)
COLOUR : White, Warm White, Blue
LUMEN : White, Warm White 4200, Blue 2520 lumen
VOLT : 12 VAC or 12 VDC
WATT : 42 W

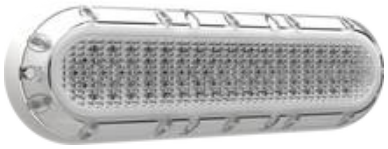
SPECIFICATIONS

UV protected Thermal Resin cooled body
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater

U.V. IP68 2 YEARS WARRANTY

AL 4135 TR/WH (RGB)

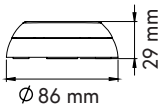
SURFACE MOUNTED POOL AND POOL STEP LIGHTING

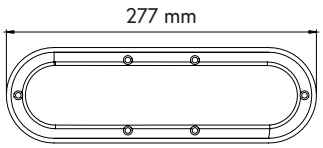




PATENTED

RGB 4 WIRES





LED : 102 pcs high power SMD LED (5050)
COLOUR : RGB
VOLT : 12 VDC
WATT : 21 W

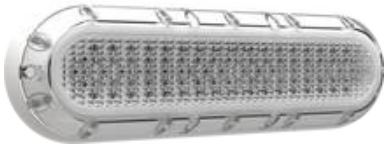
SPECIFICATIONS

UV protected Thermal Resin cooled body
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater
Fast and slow colour modes
Colour-changing and fixed-colour modes
Wireless control
RGB full colour
Patented product

U.V. IP68 2 YEARS WARRANTY

AL 4135 TR/WH (RGB TWO WIRED)

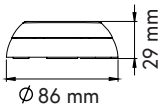
SURFACE MOUNTED POOL AND POOL STEP LIGHTING

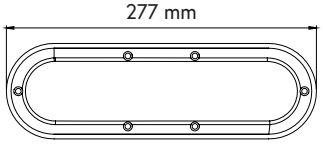




PATENTED

RGB 2 WIRES





LED : 102 pcs high power SMD LED (5050)
COLOUR : RGB
VOLT : 12 VAC
WATT : 21 W

SPECIFICATIONS

Internal RGB control, two-wire
RGB colour changing with ON/OFF
Fast and slow colour modes
Colour-changing and fixed-colour modes
RGB full colour
UV protected Thermal Resin cooled body
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater
Patented product

U.V. IP68 2 YEARS WARRANTY



PATENTED PRODUCT

AL 4065

MINI DESIGN SURFACE MOUNTED POOL LIGHTING

ADVANTAGES

- Can be used underwater, in pools and on pool steps.
- Very slim and stylish design.
- Long service life thanks to the thermal resin body.
- The glass is impact resistant and UV protected.
- Easy and simple installation.
- High light output
- Thermal resin polymer body is resistant to pool chemicals.
- No corrosion.
- Suitable for saltwater
- Recyclable Eco-Friendly materials.

SPECIFICATIONS

- 15W White and Warm White colours: 1500 lumen
- 15W Blue colour: 900 lumen
- 9W RGB 3-chip full-colour LED.
- IP68 CLASS III 12 VDC

WHAT MAKES THERMAL RESIN DIFFERENT?

- Thermal resin is a polymer material with high heat transfer.
- Thermal resin is a new high-tech material with high heat transfer.
- Our patented cooling body design removes the heat generated by the LEDs, giving a much longer life.
- The high-tech body is not affected by pool chemicals.
- The UV-protected glass is unbreakable and impact resistant, so it cannot cause dangerous cuts in the pool.

RGB BULB LUMEN VALUES

AL 4065 RGB

LED TYPE : 5050
LED PCS : 42

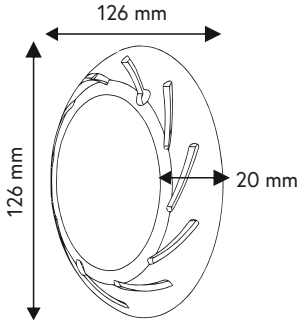
LED COLOUR	TOTAL MCD	LUMEN
RED	21,000	66
GREEN	54,600	175
BLUE	13,900	45
WHITE	89,500	286

AL 4065TR (WH/WW/BL/RGB)

MINI SURFACE MOUNTED POOL AND POOL STEP LIGHTING



PATENTED



Single Colour LED	: 30 Pcs power SMD LED (5730)
RGB Colour LED	: 42 Pcs 3-chip full colour High power SMD LED (5050)
Colour	: White, Warm White, Blue, RGB
Lumen	: White, Warm White 1500 lumen Blue 900 lumen, RGB 286 lumen
Volt	: 12 VDC
Watt	: Single Colour 15W, RGB Colour 9W
Package Size	: 41 x 21 x 28 cm
Package Kgs	: 7.30 kg

Specifications
3-chip full colour RGB 5050 LED
UV protected Thermal Resin cooled body
High light output, long life
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater

U.V. CE IP68 2 YEARS WARRANTY

AL 4065WH (WH/WW/BL/RGB)

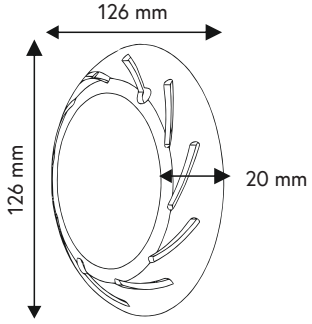
MINI SURFACE MOUNTED POOL AND POOL STEP LIGHTING

Single Colour LED	: 30 Pcs power SMD LED (5730)
RGB Colour LED	: 42 Pcs 3-chip full colour High power SMD LED (5050)
Colour	: White, Warm White, Blue, RGB
Lumen	: White, Warm White 1500 lumen, Blue 900 lumen, RGB 286 lumen
Volt	: 12 VDC
Watt	: Single Colour 15W, RGB Colour 9W
Package Size	: 41 x 21 x 28 cm
Package Kgs	: 7.30 kg

Specifications
3-chip full colour RGB 5050 LED
UV protected white N6 body
High light output, long life
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater

PATENTED





U.V. CE IP68 2 YEARS WARRANTY



ADVANTAGES

- Designed for use in liner pools and jacuzzis.
- Produced with high-tech thermal resin polymer.
- The thermal resin polymer transfers heat to the water quickly, so the LEDs last longer.
- Thermal resin polymer body is resistant to pool chemicals and water.
- Easy and simple installation
- Suitable for saltwater
- No corrosion.

SPECIFICATIONS

- 15W White and Warm White colours: 1500 lumen
- 15W Blue colour: 900 lumen
- 9W RGB 3-chip full-colour LED.
- IP68 CLASS III 12 VDC

WHAT MAKES THERMAL RESIN DIFFERENT?

- Thermal resin is a polymer material with high heat transfer.
- Thermal resin is a new high-tech material with high heat transfer.
- Our patented cooling body design removes the heat generated by the LEDs, giving a much longer life.
- The high-tech body is not affected by pool chemicals.
- The UV-protected glass is unbreakable and impact resistant, so it cannot cause dangerous cuts in the pool.

RGB BULB LUMEN VALUES

AL 4075 RGB

LED TYPE : 5050
LED PCS : 42

LED COLOUR	TOTAL MCD	LUMEN
RED	21,000	66
GREEN	54,600	175
BLUE	13,900	45
WHITE	89,500	286

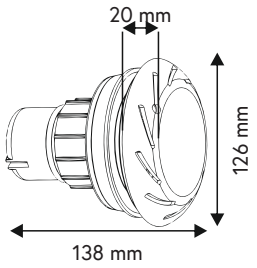
AL 4075-LNR TR/WH

LINER POOLS AND JACUZZI LIGHTING

PATENTED







LED Single Colour	: 30 Pcs power SMD LED (5730)
LED RGB Colour	: 42 Pcs 3-chip full colour High power SMD LED (5050)
Colour	: White, Warm White, Blue, RGB
Lumen	: White, Warm White 1500 lumen Blue 900 lumen
Volt	: 12 VDC
Watt	: Single colour 15W, RGB 9W

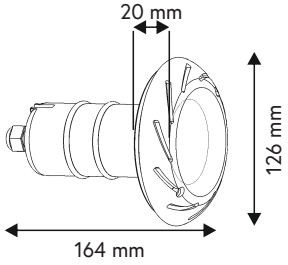
Specifications

Flush mounted lighting for liner pools and jacuzzi
High light output, long life
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
3-chip full colour RGB LED
Easy installation
Suitable for saltwater

U.V. | CE | IP68 | 2 YEARS WARRANTY

AL 4075-PP TR/WH

POOL LIGHTING ACCORDING TO 63mm PIPES



LED Single Colour	: 30 Pcs power SMD LED (5730)
LED RGB Colour	: 42 Pcs 3-chip full colour High power SMD LED (5050)
Colour	: White, Warm White, Blue, RGB
Lumen	: White, Warm White 1500 lumen Blue 900 lumen
Volt	: 12 VDC
Watt	: Single colour 15W, RGB 9W

Specifications

According to 63 mm pipes
UV protected Thermal Resin cooled body
High light output, long life
Low energy consumption
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
3-chip full colour RGB LED
Easy installation
Suitable for saltwater

PATENTED



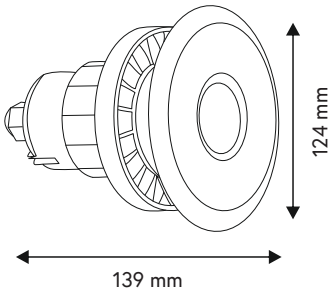


U.V. | CE | IP68 | 2 YEARS WARRANTY

AL 4075-LNR SS

LINER POOLS AND JACUZZI LIGHTING





LED : 3X1W & 3X3W Power LED
3X4W High Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (3X1W & 3X3W)
White, Warm White, Blue (3X4W)
LUMEN : 300 lumen (3W)
660 lumen (6.6W)
1680 lumen (12W)
VOLT : 12 VDC
WATT : 3W / 6.6W / 12W

SPECIFICATIONS

Flush mounted lighting for liner pools and jacuzzi
High light output, long life
Low energy consumption
AISI 316L Stainless steel frame
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
3-chip full-colour RGB LED
Easy installation
Suitable for saltwater

U.V. IP68 2 YEARS WARRANTY

AL 4075-PP SS

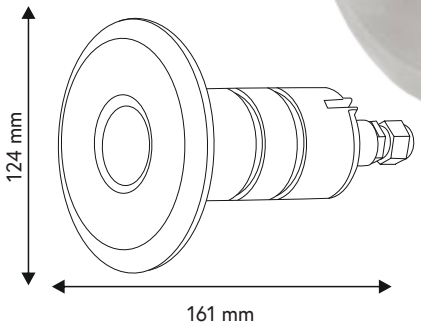
POOL LIGHTING ACCORDING TO 63mm PIPES

LED : 3X1W & 3X3W Power LED
3X4W High Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (3X1W & 3X3W)
White, Warm White, Blue (3X4W)
LUMEN : 300 lumen (3W)
660 lumen (6.6W)
1680 lumen (12W)
VOLT : 12 VDC
WATT : 3W / 6.6W / 12W

SPECIFICATIONS

According to 63 mm pipes
UV protected Thermal Resin cooled body
High light output, long life
Low energy consumption
AISI 316L Stainless steel frame
Special glass and body resistant to UV and impact
Recyclable Eco-Friendly materials
No corrosion
3-chip full-colour RGB LED
Easy installation
Suitable for saltwater



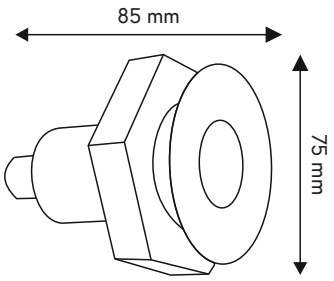


U.V. IP68 2 YEARS WARRANTY

AL 3125

LINER POOLS AND JACUZZI LIGHTING

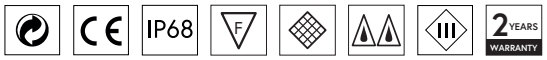




LED : 1X1W & 1X3W Power LED
1X4W High Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber (1X1W & 1X3W)
White, Warm White, Blue (1X4W)
LUMEN : 100 lumen (1W)
220 lumen (2.2W)
560 lumen (4W)
VOLT : 5 VDC - 1X4W
12 VDC - 1X1W & 1X3W
WATT : 1W / 2.2W / 4W

SPECIFICATIONS

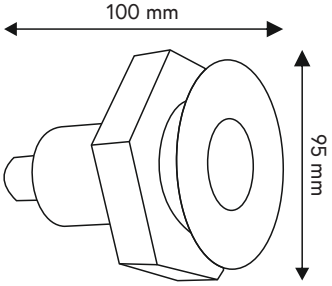
AISI 316L Stainless steel body
Brass Nut
Tempered glass
IP68 protected
Simple installation for liner pools and jacuzzi



AL 3135

LINER POOLS AND JACUZZI LIGHTING

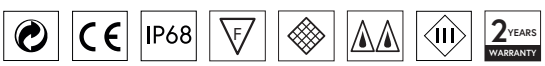




LED : 3X1W & 3X3W Power LED
3X4W High Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (3X1W & 3X3W)
White, Warm White, Blue, RGBW (3X4W)
LUMEN : 300 lumen (3W)
660 lumen (6.6W)
1680 lumen (12W)
VOLT : 12 VDC
WATT : 3W / 6.6W / 12W

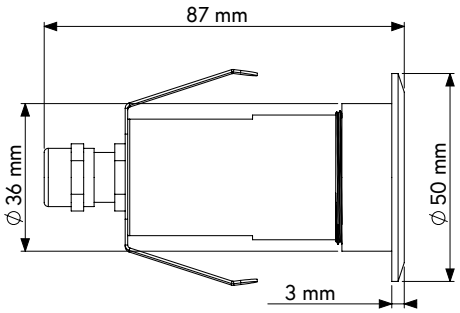
SPECIFICATIONS

AISI 316L Stainless steel body
Brass Nut
Tempered glass
IP68 protected
Simple installation for liner pools and jacuzzi



AL 3095 — 1x1W / 1x3W / 1x4W POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING





U.V. | CE | IP68 | 2 YEARS WARRANTY

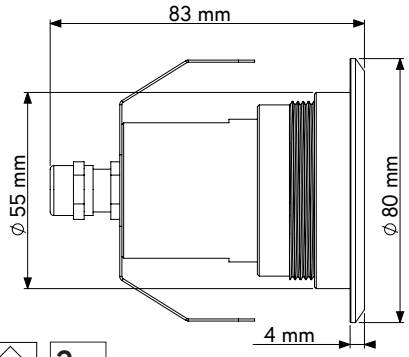
LED : 1X1W & 1X3W Power LED
1X4W High Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber (1X1W & 1X3W)
White, Warm White, Blue (1X4W)
LUMEN : 100 lumen (1W)
220 lumen (2.2W)
560 lumen (4W)
VOLT : 5 VDC - 1X4W
12 VDC - 1X1W & 1X3W
WATT : 1W / 2.2W / 4W

SPECIFICATION

AISI 316L quality stainless steel
Tempered glass
According to 40 mm pipes (10 ATM)
Underwater and underground lighting

AL 3085 — 3x1W / 3x3W / 3x4W POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING





U.V. | CE | IP68 | 2 YEARS WARRANTY

LED : 3X1W & 3X3W Power LED
3X4W High Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (3X1W & 3X3W)
White, Warm White, Blue, RGBW (3X4W)
LUMEN : 300 lumen (3W)
660 lumen (6.6W)
1680 lumen (12W)
VOLT : 12 VDC
WATT : 3W / 6.6W / 12W

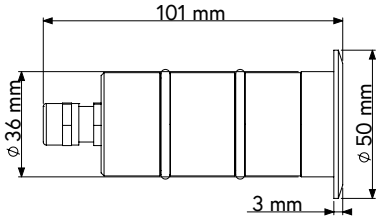
SPECIFICATION

AISI 316L quality stainless steel
Tempered glass
According to 63 mm pipes (10 ATM)
Underwater and underground lighting



AL 3195 — 1x1W / 1x3W / 1x4W POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING





LED : 1X1W & 1X3W Power LED
1X4W High Power LED

LUMEN : 100 lumen (1W)
220 lumen (2.2W)
560 lumen (4W)

VOLT : 5 VDC - 1X4W
12 VDC - 1X1W & 1X3W

WATT : 1W / 2.2W / 4W

COLOUR : White, V
Red, Am
White, V

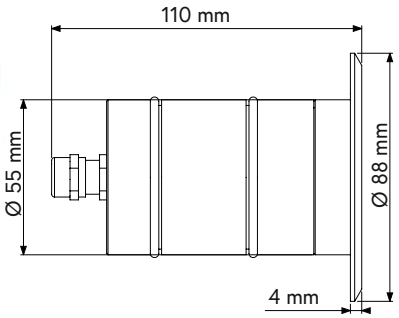
SPECIFICATION

AISI 316L quality stainless steel
Tempered glass
According to 40 mm pipes (10 ATM)
Underwater and underground lighting

U.V. IP68 2 YEARS WARRANTY

AL 3185 — 3x1W / 3x3W / 3x4W POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING





LED : 3X1W & 3X3W Power LED
3X4W High Power LED

COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (3X1W & 3X3W)
White, Warm White, Blue, RGBW (3X4W)

LUMEN : 300 lumen (3W)
660 lumen (6.6W)
1680 lumen (12W)

VOLT : 12 VDC

WATT : 3W / 6.6W / 12W

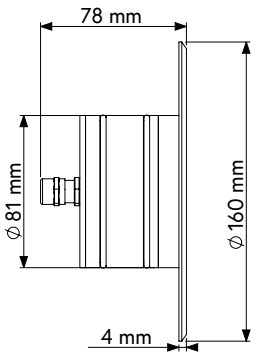
SPECIFICATION

AISI 316L quality stainless steel
Tempered glass
According to 63 mm pipes (10 ATM)
RGB and RGBW full colour
Underwater and underground lighting

U.V. IP68 2 YEARS WARRANTY

AL 2055 — 6x1W / 6x3W / 8x4W POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING





LED : 6X1W & 6X3W Power LED
8X4W High Power LED

COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (6X1W & 6X3W options)
White, Warm White, Blue (8X4W option)
RGBW (8X4W option)

LUMEN : 600 lumen (6W)
1320 lumen (13.2W)
4480 lumen (32W) (Only 24 V.)

VOLT : 12 VDC

WATT : 6W / 13.2W / 32W

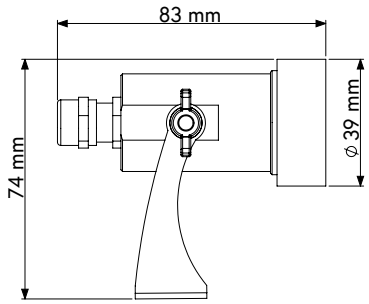
SPECIFICATIONS

AISI 316L quality stainless steel
According to 90 mm pipes (10 ATM)
Tempered glass
Silicone gasket
RGB and RGBW full colour
Underwater and underground lighting
Tilt 10°–15° beyond the lens angle; AL 2055-D: 10°–20° tilt

U.V. IP68 2 YEARS WARRANTY

AL 2031 — 1x1W / 1x3W / 1x4W POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING





LED : 1X1W & 1X3W Power LED
1X4W High Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber (1X1W & 1X3W)
White, Warm White, Blue (1X4W)
LUMEN : 100 lumen (1W)
220 lumen (2.2W)
560 lumen (4W)
VOLT : 5 VDC - 1X4W
12 VDC - 1X1W & 1X3W
WATT : 1W / 2.2W / 4W

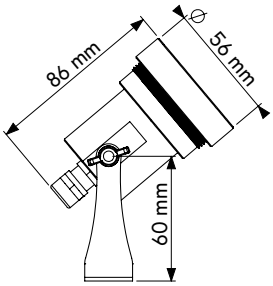
SPECIFICATIONS

AISI 316L quality stainless steel
Tempered glass
Surface mounted underwater lighting

U.V. CE IP68 2 YEARS WARRANTY

AL 2041 — 3x1W / 3x3W / 3x4W POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING





LED : 3X1W & 3X3W Power LED
3X4W High Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (3X1W & 3X3W)
White, Warm White, Blue, RGBW (3X4W)
LUMEN : 300 lumen (3W)
660 lumen (6.6W)
1680 lumen (12W)
VOLT : 12 VDC
WATT : 3W / 6.6W / 12W

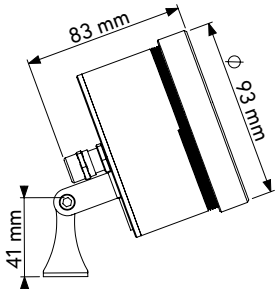
SPECIFICATIONS

AISI 316L quality stainless steel
Tempered glass
RGB full colour
Surface mounted underwater lighting

U.V. CE IP68 2 YEARS WARRANTY

AL 2051 — 6x1W / 6x3W / 8x4W POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING





LED : 6X1W & 6X3W Power LED
8X4W High Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (6X1W & 6X3W options)
White, Warm White, Blue (8X4W option)
RGBW (8X4W option)
LUMEN : 600 lumen (6W)
1320 lumen (13.2W)
4480 lumen (32W) (Only 24 V.)
VOLT : 12 VDC
WATT : 6W / 13.2W / 32W

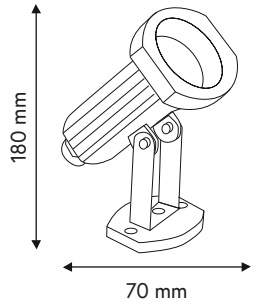
SPECIFICATIONS

AISI 316L quality stainless steel
Tempered glass
RGB and RGBW full colour
Surface mounted underwater lighting

U.V. CE IP68 2 YEARS WARRANTY

AL S1612 — STAINLESS STEEL UNDERWATER LIGHTING





BULB : G5.3 socket
COLOUR : Chrome
VOLT : 12 V 50W

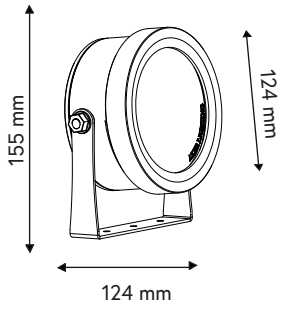
SPECIFICATIONS

AISI Stainless Steel Body
Surface mounted

IP68 2 YEARS WARRANTY

AL S3625 — 12X1W / 12X3W / 18X4W SURFACE MOUNTED UNDERWATER LIGHTING





LED : 12X1W & 12X3W Power LED
18X4W 3535 High Power LED
COLOUR : White, Warm White, Blue, Green,
Red, Amber, RGB (12X1W & 12X3W)
White, Warm White, Blue, RGBW (18X4W)
LUMEN : 1200 lumen & 2640 lumen (12W & 26.4W)
10080 lumen (72W)
VOLT : 12 VDC / 24 VDC
WATT : 12W / 26.4W / 72W

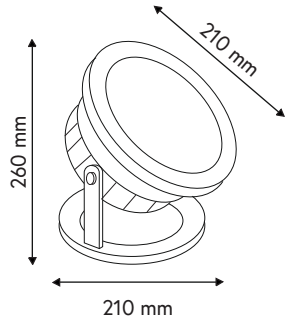
SPECIFICATIONS

AISI 316L quality stainless steel frame
Tempered glass
RGB full colour
Surface mounted underwater lighting

IP68 2 YEARS WARRANTY

AL 3105 — 24X1W / 24X3W / 32X4W POWER LED STAINLESS STEEL UNDERWATER LIGHTING





LED : 24X1W & 24X3W Power LED
32X4W High Power LED
COLOUR : White, Warm White, Blue, Green,
Red, Amber, RGB (24X1W & 24X3W)
White, Warm White, Blue, RGBW (32X4W)
LUMEN : 2400 lumen (24W)
5280 lumen (52.8W)
17920 lumen (128W)
VOLT : 12 VDC / 24 VDC
WATT : 24W / 52.8W / 128W

SPECIFICATIONS

AISI 316L quality stainless steel frame
Tempered glass
RGB full colour
Surface mounted underwater lighting

IP68 2 YEARS WARRANTY

AL 2061, AL 2071 & AL 2081 SERIES

STAINLESS STEEL SURFACE MOUNTED POOL LIGHTING

Product Description:

Designed to create a stunning atmosphere, our AL 2061, AL 2071, and AL 2081 models cater to every need with three different diameter and watt options. The AL 2061 model meets the need for gentle lighting with its 6x4W power, while the AL 2071 model is ideal for medium-sized areas with its 8x4W output. For larger spaces, the AL 2081 model stands out with its powerful 18x4W illumination.



These lights are made from AISI 316L quality stainless steel, offering an elegant and durable design. With colour options of white, daylight, blue, and RGBW, you can enhance your spaces as you wish. Their surface-mounted structure makes them safe to use in pools, decorative ponds, and docks.

Our products simplify the installation process with cable holes at the back. The use of 2x1 RNF marine cable enhances durability, while high-quality 3535 LEDs provide strong light distribution. The stainless steel body ensures the LEDs remain at an ideal temperature for long-lasting use. Additionally, the impact-resistant glass structure guarantees safe usage.

The AL 2061, AL 2071, and AL 2081 series is the most stylish way to illuminate your spaces with aesthetic appeal and high performance.

AL 2061	WATT	LUMEN	VOLT	LENS ANGLE
WHITE (6000K)	6x4W	3360	12 V or 24 V	10°-30°-50°-110°
WARM WHITE (3000K)		3360		
DAYLIGHT (4000K)		3360		
BLUE		1260		

AL 2071	WATT	LUMEN	VOLT	LENS ANGLE
WHITE (6000K)	8x4W	4480	12 V or 24 V	10°-30°-50°-110°
WARM WHITE (3000K)		4480		
DAYLIGHT (4000K)		4480		
BLUE		1680		
RGBW		W 1200 · R 400 · G 960 · B 240		

AL 2081	WATT	LUMEN	VOLT	LENS ANGLE
WHITE (6000K)	18x4W	10080	12 V or 24 V	10°-30°-50°-110°
WARM WHITE (3000K)		10080		
DAYLIGHT (4000K)		10080		
BLUE		3780		
RGBW		W 2700 · R 900 · G 2160 · B 540		

RGBW +white

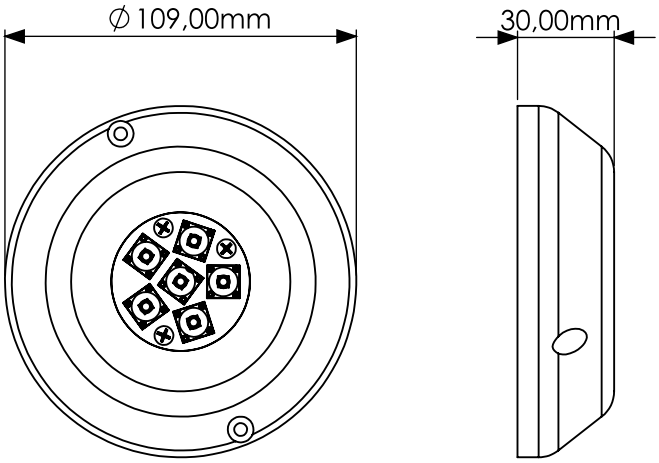
2 YEARS WARRANTY

AL 2061

6X4W SURFACE MOUNTED POOL LIGHTING

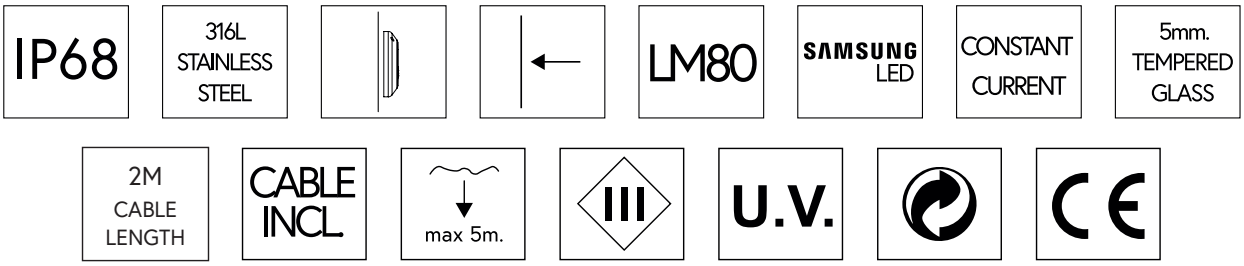






AL 2061	WATT	LUMEN	VOLT	LENS ANGLE
WHITE (6000K)	6x4W	3360	12 V or 24 V	10°-30°-50°-110°
WARM WHITE (3000K)		3360		
DAYLIGHT (4000K)		3360		
BLUE		1260		

SPECIFICATIONS

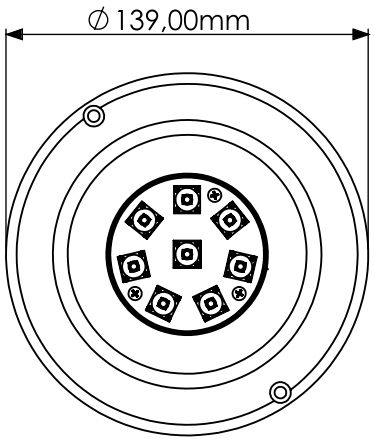


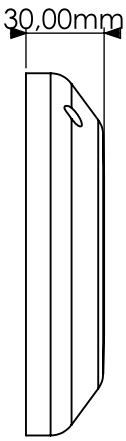
AL 2071

8X4W SURFACE MOUNTED POOL LIGHTING



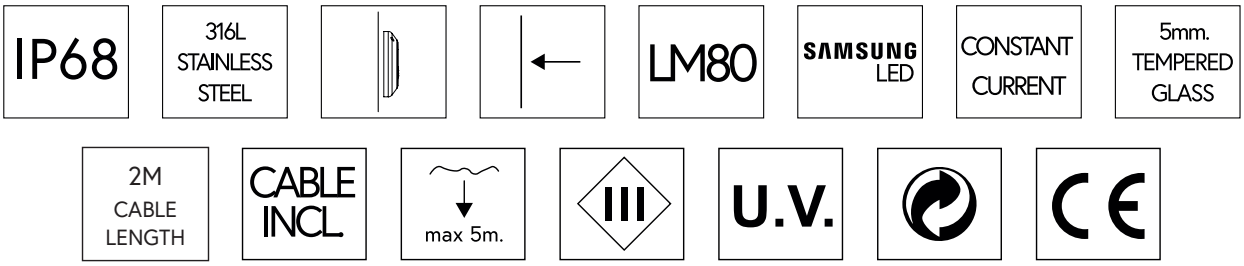






AL 2071	WATT	LUMEN	VOLT	LENS ANGLE
WHITE (6000K)	8x4W	4480	12 V or 24 V	10°-30°-50°-110°
WARM WHITE (3000K)		4480		
DAYLIGHT (4000K)		4480		
BLUE		1680		
RGBW		W 1200 · R 400 · G 960 · B 240		

SPECIFICATIONS

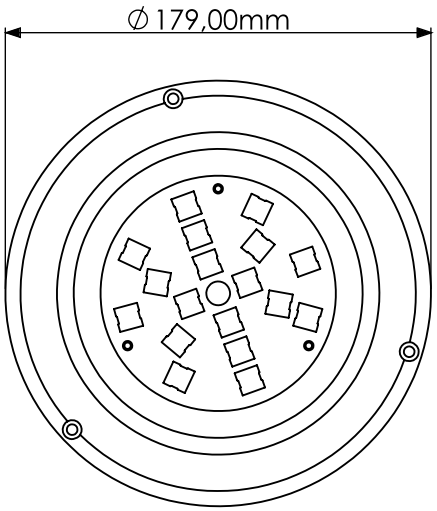


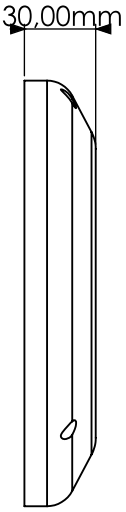
AL 2081

18X4W SURFACE MOUNTED POOL LIGHTING



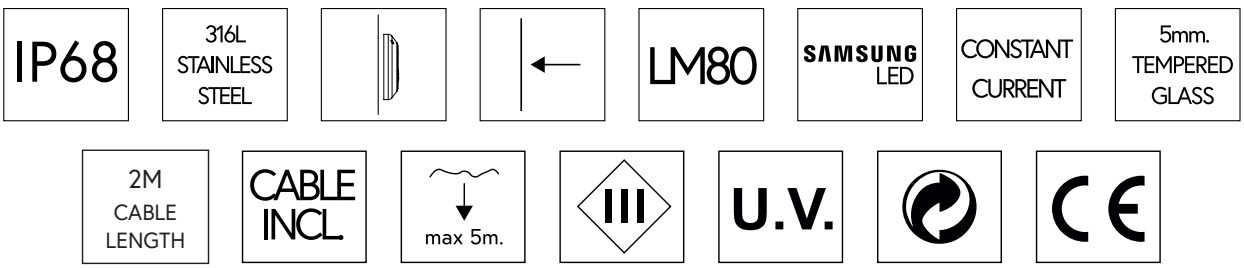






AL 2081	WATT	LUMEN	VOLT	LENS ANGLE
WHITE (6000K)	18x4W	10080	12 V or 24 V	10°-30°-50°-110°
WARM WHITE (3000K)		10080		
DAYLIGHT (4000K)		10080		
BLUE		3780		
RGBW		W 2700 · R 900 · G 2160 · B 540		

SPECIFICATIONS



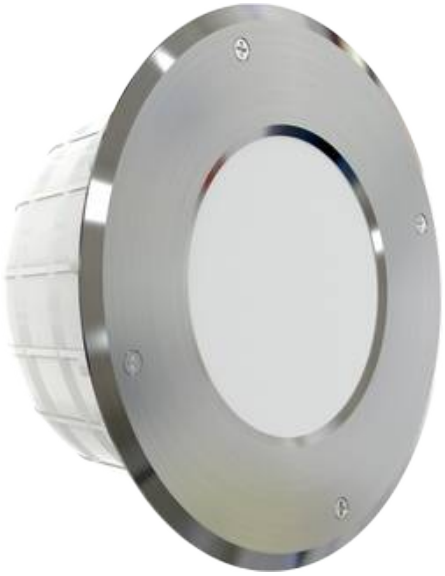
AL 2075



STAINLESS STEEL CASE, BODY AND FRAME FLUSH MOUNTED UNDERWATER LIGHTING

AL 2065

STAINLESS STEEL BODY AND FRAME, ABS PLASTIC CASE, FLUSH MOUNTED UNDERWATER LIGHTING



ADVANTAGES :

- Flush mounted into the walls.
- AISI 316L Stainless Steel materials
- Easy temperature reduction thanks to the cooling metal 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.

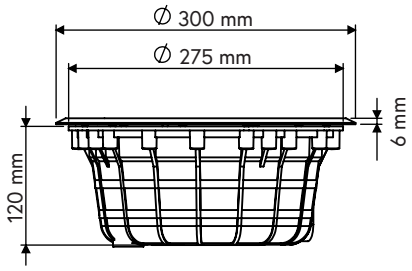
LED COLOUR	LUMEN	WAVELENGTH	WATT
32x4 WHITE	17920	6000-6500K	128W
32x4 WARM WHITE	17920	3000-3300K	128W
32x4 BLUE	6720	470nm	128W
32x4 RGBW	11200		128W
24x1 WHITE	2400	6000-6500K	24W
24x1 WARM WHITE	2400	3000-3300K	24W
24x1 BLUE	720	470nm	24W
24x1 GREEN	1920	530nm	24W
24x1 RED	1200	630nm	24W
24x1 AMBER	1200	590nm	24W
24x3 WHITE	5280	6000-6500K	52.8W
24x3 WARM WHITE	5280	3000-3300K	52.8W
24x3 BLUE	1584	470nm	52.8W
24x3 GREEN	4224	530nm	52.8W
24x3 RED	2640	630nm	52.8W
24x3 AMBER	2640	590nm	52.8W
24x3 RGB	1932		52.8W

All models: 12 V · Lens angle 10°-30°-50°-80°

AL 2065

24x1W - 24x3W & 32x4W POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING





LED : 24x1W & 24x3W Power LED
32x4W High Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (24x1W & 24x3W)
White, Warm White, Blue, RGBW (32x4W)
LUMEN : 2400 lumen (24x1W)
5280 lumen (24x3W)
17920 lumen (32x4W)
VOLT : 12 VDC
WATT : 24x1 W & 24x3 W
32x4W

SPECIFICATIONS

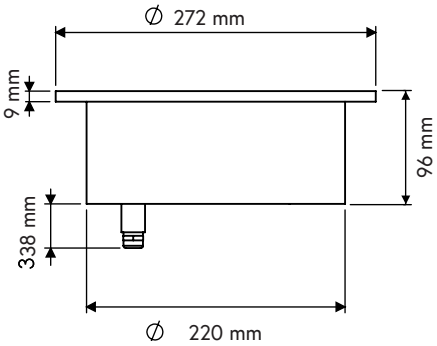
AISI 316L quality stainless steel body and frame
ABS case
Tempered glass
RGB full colour
Flush mounted underwater lighting

U.V. IP68 2 YEARS WARRANTY

AL 2075

24x1W - 24x3W & 32x4W POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING





LED : 24x1W & 24x3W Power LED
32x4W High Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (24x1W & 24x3W)
White, Warm White, Blue, RGBW (32x4W)
LUMEN : 2400 lumen (24x1W)
5280 lumen (24x3W)
17920 lumen (32x4W)
VOLT : 12 VDC
WATT : 24x1 W & 24x3 W
32x4W

SPECIFICATIONS

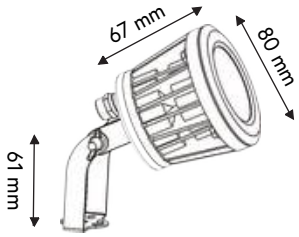
AISI 316L quality stainless steel body and frame
AISI 316L quality stainless steel case
Tempered glass
RGB full colour
Flush mounted underwater lighting

U.V. IP68 2 YEARS WARRANTY

AL 4211-H POWER

3X1W / 3X3W SURFACE MOUNTED POWER LED THERMAL RESIN POOL LIGHTING





LED : 3X1W & 3X3W Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (3X1W & 3X3W options)
LUMEN : 300 lumen (3W)
660 lumen (6.6W)
VOLT : 12 VDC / 24 VDC · RGB: 12 VDC
WATT : 3W / 6.6W

SPECIFICATIONS

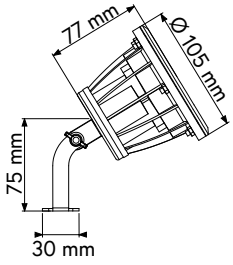
AISI 316L Stainless steel frame
Thermal resin body
Tempered glass
RGB full colour
Surface mounted underwater lighting

U.V. IP68 2 YEARS WARRANTY

AL 4261-H

SURFACE MOUNTED 6 LED UNDERWATER LIGHTING





LED : 6X1W & 6X3W Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (6X1W & 6X3W options)
LUMEN : 600 lumen (6W)
1320 lumen (13.2W)
VOLT : 12 VDC / 24 VDC · RGB: 12 VDC
WATT : 6W / 13.2W

SPECIFICATIONS

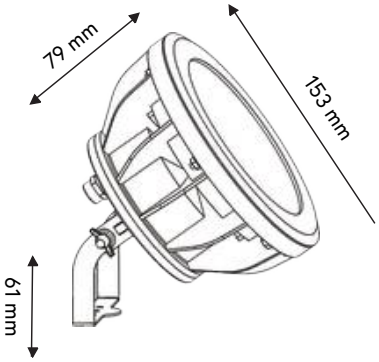
AISI 316L Stainless steel frame
Thermal resin body
Tempered glass
RGB full colour
Surface mounted underwater lighting

U.V. IP68 2 YEARS WARRANTY

AL 4231-H POWER

9X1W / 9X3W SURFACE MOUNTED POWER LED THERMAL RESIN POOL LIGHTING





LED : 9X1W & 9X3W Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (9X1W & 9X3W options)
LUMEN : 900 lumen (9W)
1980 lumen (19.8W)
VOLT : 12 VDC / 24 VDC · RGB: 12 VDC
WATT : 9W / 19.8W

SPECIFICATIONS

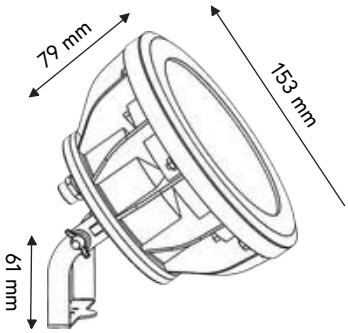
AISI 316L Stainless steel frame
Thermal resin body
Tempered glass
RGB full colour
Surface mounted underwater lighting

U.V. IP68 2 YEARS WARRANTY

AL 4251-H POWER

12X1W / 12X3W SURFACE MOUNTED POWER LED THERMAL RESIN POOL LIGHTING





LED : 12X1W & 12X3W Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (12X1W & 12X3W options)
LUMEN : 1200 lumen (12W)
2640 lumen (26.4W)
VOLT : 12 VDC / 24 VDC · RGB: 12 VDC
WATT : 12W / 26.4W

SPECIFICATIONS

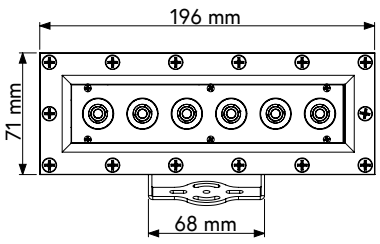
AISI 316L Stainless steel frame
Thermal resin body
Tempered glass
RGB full colour
Surface mounted underwater lighting

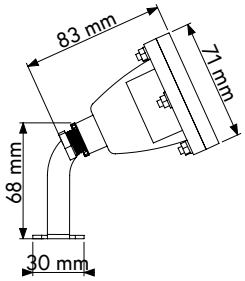
U.V. IP68 2 YEARS WARRANTY

AL 4281-H

SURFACE MOUNTED 6 LED UNDERWATER LIGHTING







LED : 6X1W & 6X3W Power LED
COLOUR : White, Warm White, Blue, Green, Red, Amber, RGB (6X1W & 6X3W options)
LUMEN : 600 lumen (6W)
1320 lumen (13.2W)
VOLT : 12 VDC / 24 VDC · RGB: 12 VDC
WATT : 6W / 13.2W

SPECIFICATIONS

AISI 316L Stainless steel frame
AISI 316L Stainless steel reflector
Thermal resin body
Tempered glass
RGB full colour
Surface mounted underwater wallwasher lighting

U.V. IP68 2 YEARS WARRANTY





ADVANTAGES

- Designed for fountain pools
- Low energy consumption
- The thermal resin body carries the LED heat into the water through its cooling fins, so the LEDs last longer
- All metal parts are AISI 316L stainless steel
- UV-protected, impact-resistant tempered glass
- Corrosion resistant
- Easy installation, suitable for 1" and 1.5" pipes
- Single colours, RGB and RGBW full colour
- Recyclable eco-friendly materials

MODELS

- AL 4085: underwater fountain lighting
- AL 4095: underwater fountain lighting with AISI 316L stainless steel cover
- AL 4105: dry land fountain lighting
- 12 LED (12x1W / 12x3W) and 18 LED (18x1W / 18x3W) versions

LED COLOUR & LUMEN VALUES

12 LED · 12W / 26.4W

VOLT : 12 V · optional 10-30 VDC
LENS : 10° / 30° / 50° / 80°

LED COLOUR	WAVELENGTH	1W LEDS	3W LEDS
WHITE	6000-6500K	1200	2640
WARM WHITE	3000-3300K	1200	2640
BLUE	470nm	360	792
GREEN	530nm	960	2112
RED	630nm	600	1320
AMBER	590nm	600	1320
RGB	–	–	966

LED COLOUR & LUMEN VALUES

18 LED · 18W / 39.6W

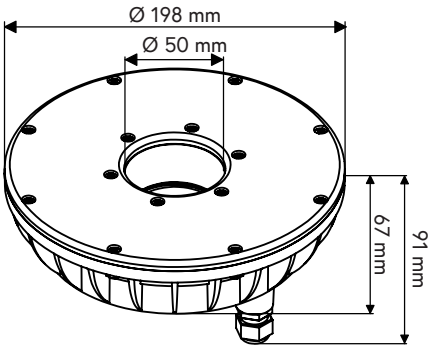
VOLT : 12 V · optional 10-30 VDC
LENS : 10° / 30° / 50° / 80°

LED COLOUR	WAVELENGTH	1W LEDS	3W LEDS
WHITE	6000-6500K	1800	3960
WARM WHITE	3000-3300K	1800	3960
BLUE	470nm	540	1188
GREEN	530nm	1440	3168
RED	630nm	900	1980
AMBER	590nm	900	1980
RGB	–	–	1449

AL 4085 (12X1W & 12X3W)

UNDERWATER FOUNTAIN LIGHTING





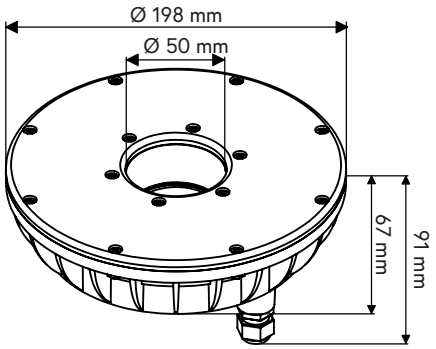
Specifications

12x1W, 12x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
12x3W (RGB) full colour LED
Volt: 12 V · optional 10-30 VDC
Thermal Resin Body
Full PC glass, resistant to UV and impact
PG9 cable gland
All metal parts are AISI 316L stainless steel
Low energy consumption
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater

U.V. IP68 2 YEARS WARRANTY

AL 4085 (18X1W & 18X3W)

UNDERWATER FOUNTAIN LIGHTING



Specifications

18x1W, 18x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
18x3W (RGB) full colour LED
Volt: 12 V · optional 10-30 VDC
Thermal Resin Body
Full PC glass, resistant to UV and impact
PG9 cable gland
All metal parts are AISI 316L stainless steel
Low energy consumption
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater

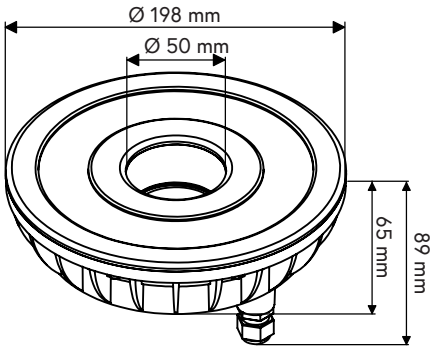


U.V. IP68 2 YEARS WARRANTY

AL 4095 (12X1W & 12X3W)

UNDERWATER FOUNTAIN LIGHTING



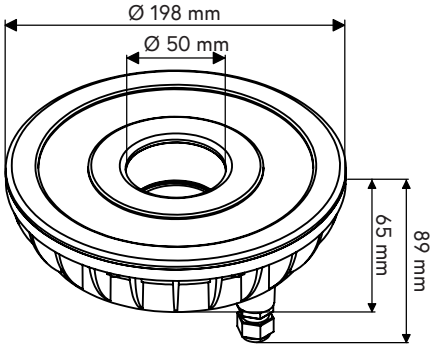


Specifications

12x1W, 12x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
12x3W (RGB) full colour LED
Volt: 12 V · optional 10-30 VDC
Thermal Resin Body
Tempered glass
AISI 316L Stainless Steel Frame
PG9 cable gland
All metal parts are AISI 316L stainless steel
Low energy consumption
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater

AL 4095 (18X1W & 18X3W)

UNDERWATER FOUNTAIN LIGHTING



Specifications

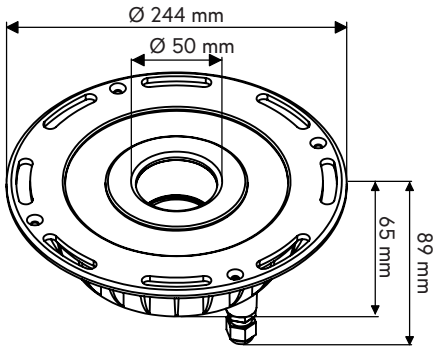
18x1W, 18x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
18x3W (RGB) full colour LED
Volt: 12 V · optional 10-30 VDC
Thermal Resin Body
Tempered glass
AISI 316L Stainless Steel Frame
PG9 cable gland
All metal parts are AISI 316L stainless steel
Low energy consumption
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater



AL 4105 (12X1W & 12X3W)

DRY LAND FOUNTAIN LIGHTING





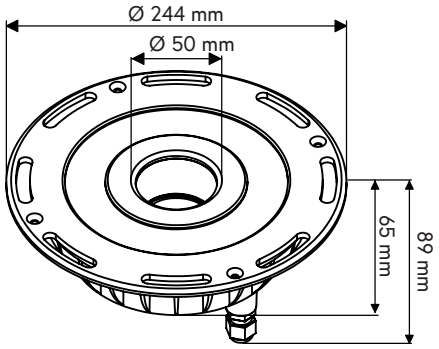
Specifications

12x1W, 12x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
12x3W (RGB) full colour LED
Volt: 12 V · optional 10-30 VDC
LED fountain lighting for dry land
AISI 316L Stainless Steel Frame
Thermal Resin Body
Tempered glass
PG9 cable gland
All metal parts are AISI 316L stainless steel
Low energy consumption
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater

U.V. IP68 2 YEARS WARRANTY

AL 4105 (18X1W & 18X3W)

DRY LAND FOUNTAIN LIGHTING



Specifications

18x1W, 18x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
18x3W (RGB) full colour LED
Volt: 12 V · optional 10-30 VDC
LED fountain lighting for dry land
AISI 316L Stainless Steel Frame
Thermal Resin Body
Tempered glass
PG9 cable gland
All metal parts are AISI 316L stainless steel
Low energy consumption
Recyclable Eco-Friendly materials
No corrosion
Easy installation
Suitable for saltwater



U.V. IP68 2 YEARS WARRANTY

IP68
WATERPROOF CABLE CONNECTOR

THE WATERPROOF GRADE IS IP68 TO ACHIEVE REAL WATERPROOF

Used for waterproof within 3M water depth.



AL WPCM16-3P

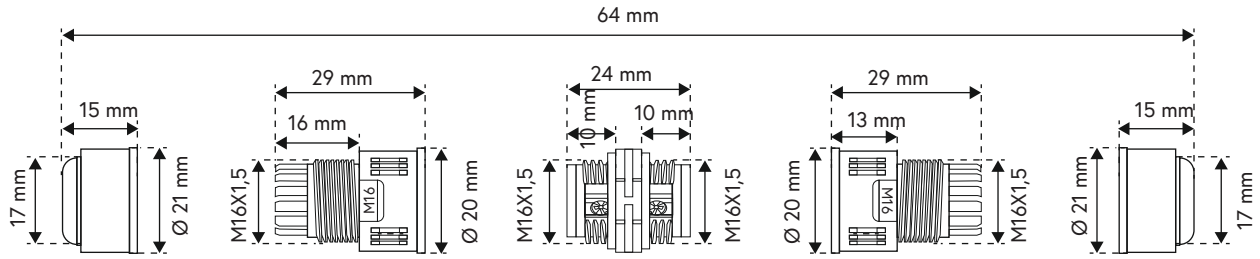
3-CORE IP68 CONNECTOR



DIMENSION : M16
CORES : 3P
VOLT : 400 V
CURRENT : 7.5A
CABLE RANGE : 3- 6.5mm

SPECIFICATIONS

Flame-retardant PA66 material
Double waterproof glue inside and outside
Good waterproofing
Waterproof up to 3 m water depth
IP68 waterproof rating



U.V. IP68

AL WPCM20-3P

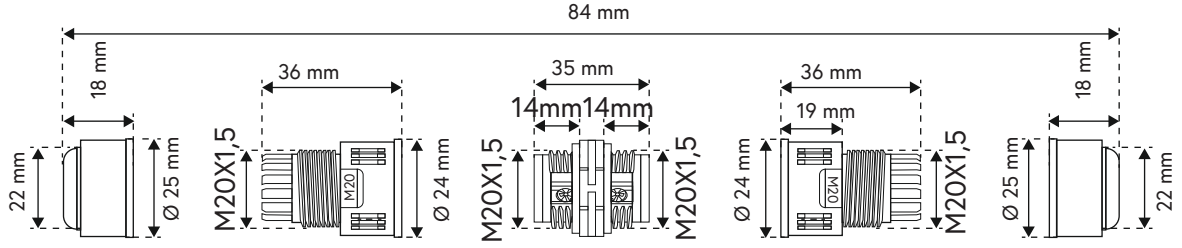
3-CORE IP68 CONNECTOR



DIMENSION : M20
CORES : 3P
VOLT : 400 V
CURRENT : 7.5A
CABLE RANGE : 5 - 8mm

SPECIFICATIONS

Flame-retardant PA66 material
Double waterproof glue inside and outside
Good waterproofing
Waterproof up to 3 m water depth
IP68 waterproof rating



U.V. IP68

AL WPCM25-5P

5-CORE IP68 CONNECTOR

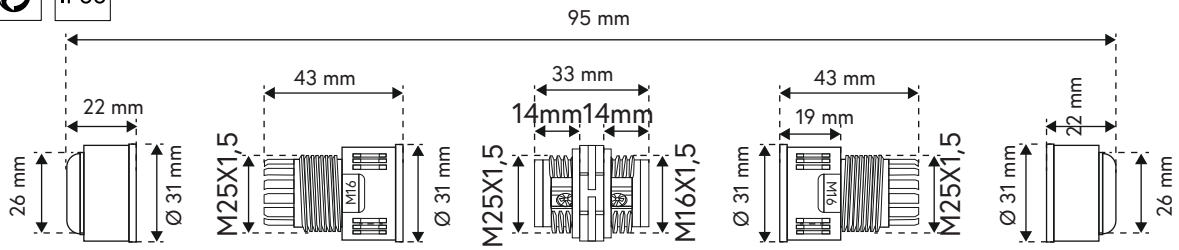


DIMENSION : M25
CORES : 5P
VOLT : 400 V
CURRENT : 7.5A
CABLE RANGE : 5- 8mm

SPECIFICATIONS

Flame-retardant PA66 material
Double waterproof glue inside and outside
Good waterproofing
Waterproof up to 3 m water depth
IP68 waterproof rating

U.V. IP68



AL WPCM25T-5P

5-CORE IP68 T-CONNECTOR

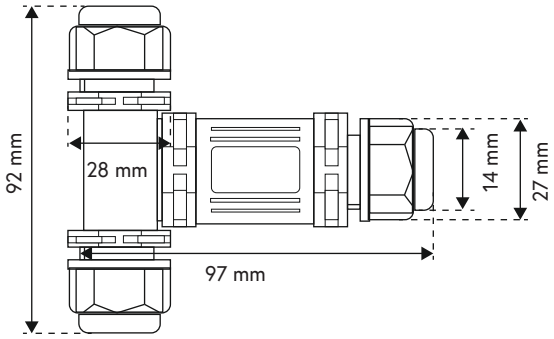


DIMENSION : M25
CORES : 5P
VOLT : 400 V
CURRENT : 7.5A
CABLE RANGE : 5 - 8mm

SPECIFICATIONS

Flame-retardant PA66 material
Double waterproof glue inside and outside
Good waterproofing
Waterproof up to 3 m water depth
IP68 waterproof rating

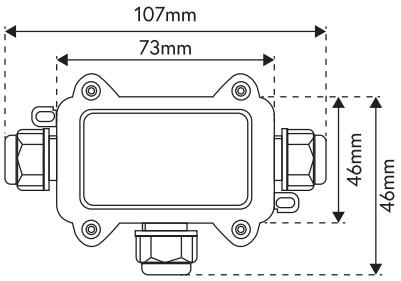
U.V. IP68



AL WPJS-3T

IP68 3-WAY JUNCTION BOX





MODEL : 3T
CORES : 3P
VOLT : 400 V
CURRENT : 7.5A
CABLE RANGE : 5- 8mm

SPECIFICATIONS

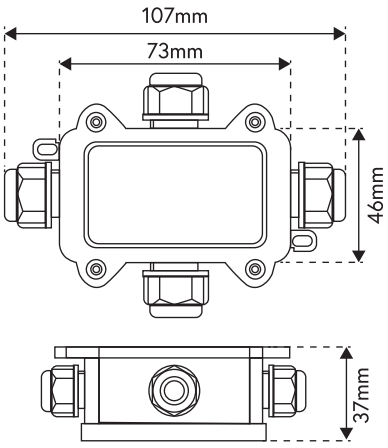
Flame-retardant PA66 material
Double waterproof glue inside and outside
Good waterproofing
Waterproof up to 3 m water depth
IP68 waterproof rating

U.V. IP68

AL WPJS-4T

IP68 4-WAY JUNCTION BOX





MODEL : 4T
CORES : 5P
VOLT : 450 V
CURRENT : 24A
CABLE RANGE : 5- 8mm

SPECIFICATIONS

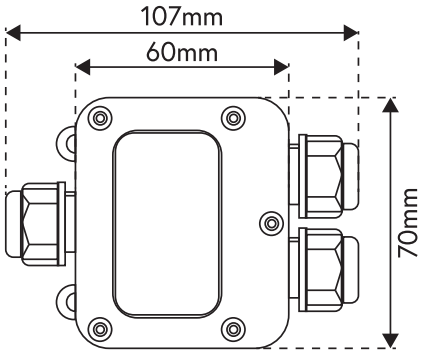
Flame-retardant PA66 material
Double waterproof glue inside and outside
Good waterproofing
Waterproof up to 3 m water depth
IP68 waterproof rating

U.V. IP68

AL WPJL-3T

IP68 3-WAY JUNCTION BOX





MODEL : 3T
CORES : 3P
VOLT : 450 V
CURRENT : 24A
CABLE RANGE : 9- 12mm

SPECIFICATIONS

Flame-retardant PA66 material
Double waterproof glue inside and outside
Good waterproofing
Waterproof up to 3 m water depth
IP68 waterproof rating

U.V. IP68

AL 7004-4T

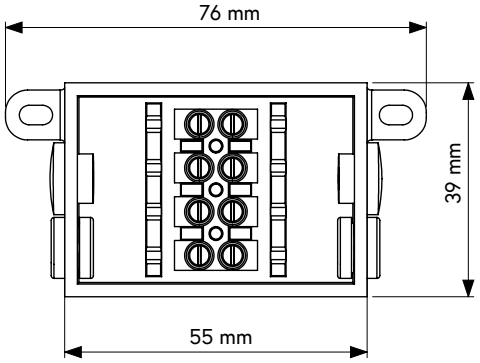
IP68 4-WAY RESIN INSULATED JUNCTION BOX



DIMENSION : 54 x 38 mm
INPUTS : 4

SPECIFICATIONS

Resin insulated (filled) junction box
4 cable inputs
Suitable for underwater use
IP68 waterproof rating



U.V. IP68

SUPPLIED WITH INSULATION RESIN



The AL 7004-4T junction box is supplied together with a two-component electrical insulation resin. After the cable connections are made, the box is filled with the resin. The cured resin seals every connection completely (IP68), insulates it electrically and protects it against water, moisture and vibration — ideal for underwater and in-ground installations.

ADVANTAGES

- Both components in one pouch — no measuring, no extra containers
- Mixed by hand in seconds, clean application
- Fully sealed, waterproof connection (IP68)
- Electrical insulation; protection against moisture and vibration
- Installation steps on the next page

HOW TO INSTALL

A watertight cable connection with the AL 7004-4T — no measuring, no mixing cups, no special tools.

1 · PREPARING THE RESIN POUCH



FOLD
Fold one end over the inner barrier.



PRESS
Press until the barrier opens.

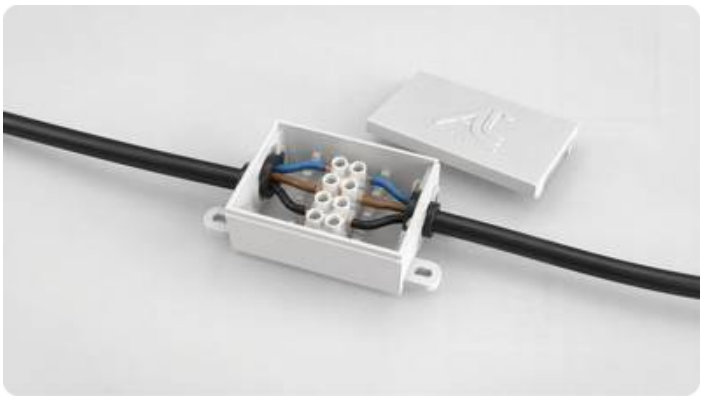


KNEAD
Mix well, corners included.



OPEN & POUR
Cut open and pour.

2 · INSTALLING THE JUNCTION BOX



1 CONNECT THE CABLES
Connect the cables to the terminal block and seat them in the cable entries.



2 MIX THE RESIN
Open the inner barrier of the resin pouch and knead it until evenly mixed.



3 POUR
Cut the pouch open and pour the resin until all connections are fully covered.



4 LET IT CURE
The cured resin seals every connection (IP68). Close the lid — ready after 24 hours.

GOOD TO KNOW

- Work at 15–30 °C and keep the box clean and dry. Use the mixed resin within its working time (about 10 minutes at 25 °C).
- Make and test the connections before filling. Wear protective gloves; follow the instructions on the pouch.

AL TC01-RGB — RGB TOUCH CONTROLLER



INPUT VOLT : 12-24 VDC
OUTPUT VOLT : 12 V:<288W, 24 V:<576W
POWER : 6Ax3
OUTPUT : 3 Channel

SPECIFICATIONS

RF touch remote: 5 functions, colour ring, colour sense lamp
128-level colour ring, full-touch buttons
Colour changing and brightness dimming
12-24 VDC, reverse polarity protection
9 modes: 7 dynamic, adjustable brightness and speed
RJ45: sync of multiple controllers and long LED strips

IP20

AL TC02-RGBW — RGBW RF REMOTE CONTROLLER



INPUT VOLT : 12-24 VDC
OUTPUT VOLT : 12 V: <240W / 24 V: <480W
POWER : 4A x 5
OUTPUT : 5 Channel (RGB + CW + WW)

SPECIFICATIONS

2.4 GHz RF remote with colour ring, range up to 20 m (no line of sight needed)
Zone control: controllers in the same zone run in sync
Static colours and dynamic modes; 1024-level dimming and adjustable speed
Memory: returns to the last mode at power-on
Short-circuit protection
Dimensions: 160 x 46 x 25 mm

IP20

AL TC03-DIMMER — DIM TOUCH CONTROLLER



INPUT VOLT : 12-24 VDC
OUTPUT VOLT : 12 V:<216W, 24 V:<432W
POWER : 6Ax3
OUTPUT : 3 Channel

SPECIFICATIONS

RF touch remote with colour ring
Colour changing and brightness dimming
12-24 VDC, reverse polarity protection
3 dynamic modes, adjustable brightness and speed
RJ45: sync of multiple controllers and long LED strips

IP20

AL 6004 AMPLIFIER — AMPLIFIER



INPUT VOLT : 12-24 VDC
OUTPUT VOLT : 12-24 VDC
POWER (RGBW) : 4x27.5A 1320W / 12 V (Four Channel)
4x27.5A 2640W / 24 V (Four Channel)
POWER (RGB) : 3x27.5A 990W / 12 V (Three Channel)
3x27.5A 1980W / 24 V (Three Channel)

SPECIFICATIONS

12-24 VDC input, matching 12-24 VDC output
RGBW: 1320W at 12 V, 2640W at 24 V
RGB: 990W at 12 V, 1980W at 24 V
4 channels (RGBW), 3 channels (RGB)
Aluminium casing, stable continuous output

IP20

AL TRNS-300 — RESIN-FILLED TRANSFORMER



INPUT VOLT : 220 V.
OUTPUT VOLT : 12 VAC
POWER : 300W.

SPECIFICATIONS

Converts 220 V to 12 VAC for safe underwater lighting.
Fully encapsulated in resin for waterproofing and durability.
Prevents electrical hazards with high-level insulation.
Designed to withstand moisture, chemicals, and harsh environments.
Ensures stable output and long lifespan in continuous operation.

AL RC01 ON/OFF — 220 V ON/OFF CONTROLLER



INPUT VOLT : 220 V
OUTPUT VOLT : 220 V
POWER : 1000W

SPECIFICATIONS

Operating range: 220-240 V, 50 Hz.
The product cannot be dimmed.

AL RC SERIES BOARDS

REMOTE CONTROLLED RGB & RGBW POWER POLYESTER CONTROL BOARD





SPECIFICATIONS

12 VDC or 24 VDC output
For RGB units from 350 W to 3200 W
Moisture resistant
Controllable up to 30 m
Radio frequency remote control
Phase and neutral circuit breaker
With RGB led bar, it can detect out side armaturs colours on the board
25 channel colour options
Single colour is dimmable

AL RC350W-RGB/RGBW

350W BOARD



INPUT VOLT : 220 VAC
OUTPUT VOLT : 12-24 VDC
POWER : 350 Watt
SIZE : 30x40 cm

SPECIFICATIONS

Polyester board
Suitable for RGB & RGBW products
Phase and neutral circuit breaker

AL RC600W-RGB/RGBW

600W BOARD



INPUT VOLT : 220 VAC
OUTPUT VOLT : 12-24 VDC
POWER : 600 Watt
SIZE : 30x40 cm

SPECIFICATIONS

Polyester board
Suitable for RGB & RGBW products
Phase and neutral circuit breaker

AL RC800W-RGB/RGBW

800W BOARD



INPUT VOLT : 220 VAC
OUTPUT VOLT : 12-24 VDC
POWER : 800W
SIZE : 50x70 cm

SPECIFICATIONS

Polyester board
Suitable for RGB & RGBW products
Phase and neutral circuit breaker

AL RC1000W-RGB/RGBW

1000W BOARD



INPUT VOLT : 220 VAC
OUTPUT VOLT : 12-24 VDC
POWER : 1000W
SIZE : 50x70 cm

SPECIFICATIONS

Polyester board
Suitable for RGB & RGBW products
Phase and neutral circuit breaker

AL RC1600W-RGB/RGBW

1600W BOARD



INPUT VOLT : 220 VAC
OUTPUT VOLT : 12-24 VDC
POWER : 1600W
SIZE : 50x70 cm

SPECIFICATIONS

Polyester board
Suitable for RGB & RGBW products
Phase and neutral circuit breaker

AL RC2400W-RGB/RGBW

2400W BOARD



INPUT VOLT : 220 VAC
OUTPUT VOLT : 12-24 VDC
POWER : 2400W
SIZE : 60x80 cm

SPECIFICATIONS

Polyester board
Suitable for RGB & RGBW products
Phase and neutral circuit breaker

AL RC3200W-RGB/RGBW

3200W BOARD



INPUT VOLT : 220 VAC
OUTPUT VOLT : 12-24 VDC
POWER : 3200W
SIZE : 60x80 cm

SPECIFICATIONS

Polyester board
Suitable for RGB & RGBW products
Phase and neutral circuit breaker

OTHER WATTAGE OPTIONS

Need a board above 3200 W or a different wattage?
Boards can be produced for your project.
Please contact us.



AKER LIGHTING AK BORU AKER LIGHTING

Test Report issued under the responsibility of:

SGS Fimko Ltd.

TEST REPORT
IEC 60598-2-18
Luminaires
Part 2: Particular requirements
Section 18: Luminaires for swimming pools and similar applications

Report Number.....:	GZES190601877301
Date of issue.....:	2019-08-29
Total number of pages.....	34
Name of Testing Laboratory preparing the Report.....:	SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
Applicant's name.....:	Akboru Elektrik Ltd Sti.
Address.....:	Perpa Ticaret Merkezi A Bl. K.8 No.702 34384 Sisli, Istanbul, Turkey
Test specification:	
Standard.....:	IEC 60598-2-18:1993 + AMD1:2011 used in conjunction with IEC 60598-1:2014 + AMD1:2017
Test procedure.....:	CB scheme
Non-standard test method.....:	N/A
Test Report Form No.....:	IEC60598_2_18D
Test Report Form(s) Originator....:	Intertek Semko AB
Master TRF.....:	2017-02

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This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.
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SERTİFİKA

CERTIFICATE

KALİTE YÖNETİMİ / *QUALITY MANAGEMENT*

AK BORU ELEKTRİK MAL. SAN. TİC. LTD. ŞTİ.

kuruluşunun,
company,

Merkez: Halil Rıfat Paşa Mah. Perpa Tic. Merk. A-Blok. K.8 No.702
Şişli / İstanbul / Türkiye
Üretim: Bahçelievler Mah. Küçük Doğu Sanayi Sitesi 1. Blok No:1 İstanbul / Türkiye

adresinde,
at address,

SU ALTI LED`Lİ TEKNE VE HAVUZ, BAHÇE, İÇ VE DIŞ MEKAN AYDINLATMALARIN ÜRETİMİ VE SATIŞI

PRODUCTION AND SALES OF UNDERWATER LED BOAT AND POOL, GARDEN, INDOOR AND OUTDOOR LIGHTING LUMINAIRES

kapsamında
at scope

kalite yönetim sistemi yürürlüğe koyduğu,
perform the quality management system,

ISO 9001: 2015

standart taleplerinin yerine getirildiği belirlenmiştir.
the complete of the standard was determined.

İlk Yayın Tarihi	/ *Date First Registered*	: 19.01.2023
Yayın Tarihi	/ *Date Certificate Issued*	: 19.01.2023
Geçerlilik Periyodu	/ *Period of Registration*	: 3 Yıl / *Years*
Geçerlilik Tarihi	/ *Date Certificate Expires*	: 18.01.2028
Sertifika Numarası	/ *Certificate No*	: 01/13909/01

TÜRKAK
Kalite Yönetim Sistemi
TS EN ISO / IEC 17021
AB - 0060 - YS

TÜRKAK BDS NO
YS-5815-5A14

Onay:
Approved By:

SERTİFİKASYON ★ CERTIFICATION ★ ZERTİFİZİERUNG ★ СЕРТИФИКАЦИЯ
ASB

Bu sertifikanın geçerliliği, yılda en az bir kez yapılacak gözetim denetiminin başarılı geçmesine bağlıdır. Bu durumda belge yeniden düzenlenecektir.
The Validity of this certificate, subject to successful completion of surveillance audit which will take place at least once a year. In this case, the document will be reissued.

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Tatlısu Mh. Akif İnan Sk. Sevim Residence No:16 Daire:13 Kat:06 Ümraniye – İstanbul / TÜRKİYE Tel: +90 216 526 10 04 Fax: +90 216 526 30 91 e-mail: bilgi@asbcert.com.tr
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The Validity shall remain in force as long as the corporation follows instructions of ASB. Certificates status can be checked at www.asbcert.com.tr

CERTIFICATE

QA-AC-2209/16

QA TECHNIC – UYGUNLUK ONAYI
QA TECHNIC – ATTESTATION OF CONFORMITY

ALÇAK GERİLİM YÖNETMELİĞİ (2014/35/AB)
LOW VOLTAGE DIRECTIVE (2014/35/EU)

AK BORU ELEKTRİK MAL.SAN.TİC LTD ŞTİ.
HALİL RIFATPAŞA MAH.PERPA TİCARET MERK.NO:702/A 8 ŞİŞLİ
İSTANBUL/TURKİYE

Ürünün Tanımı *Description of the Product/Product Part*	: LEDLİ HAVUZ AMPULLERİ VE ARMATÜRLERİ *POOL WITH LAD LAMPS AND LUMINAIRES*
Markası *Product Commercial Brand*	: AKER LIGHTING
Ürün Tipi *Product Type*	: AL SPAR56 TR, AL SFPAR56 TR, AL SPAR56, AL SPAR56 ECOFLAT, AL 4045, AL 4055, AL 4055A, AL 4155 ECOFLAT, AL SF4255, AL 4065, AL 4075, AL 4085, AL 4095, AL 4105, AL 4115, AL 4125, AL 4135, AL 2031, AL 2041, AL 2051, AL 2055, AL 2065, AL 2075, AL 3085,AL 3095, AL 3195, AL 3185, AL 4021-H, AL 4211-H, AL 4231-H, AL 4251-H, 4261-H, 4285-H, AL 3125, AL 3135, AL 3105, AL S3625, AL S1612, AL 2015 –(....), AL UWL301 SM, ALUWL301 THS, ALUWL301 TH, AL UWL302 SM, AL UWL302 TH, AL UWL302 THS, AL UWL303 SM, AL UWL303 TH, AL UWL303 THS, AL UWL401 SM, AL UWL402 SM, AL UWL403 SM AL UWL404 SM, AL UWL405 SM, AL 4145, AL 2061, AL 2071, AL 2081
Uygulanabilir AT Direktifi *Applicable EC Directives*	: 2014/35/AB *2014/35/EU*
Uygulanabilir Harmonize Standardlar *Uygulanabilir Ulusal Standardlar* *Ve Teknik Spesifikasyonlar* *Applicable Harmonized Standards/* *Applicable National Technical Standards*	: TS EN 60598-1, TS EN 60598-2-18/A1, TS EN 62031
Rapor No & Rapor Tarihi *Report No & Report Date*	: M-LVD-1303/17, 23.11.2017

İşbu belge incelemesi yapılan ürün tasarımı için geçerlidir. Ürünün değiştirilmesi halinde bu belge geçerliliğini kaybedecektir. Ürünün ilgili direktif / direktiflere uygunluğu ile ilgili nihai sorumluluk üretici firmaya aittir.
The Present certificate is valid just for the analysed product design. The certificate shall lose its validity in case of any changes in the product. Ultimate responsibility related with conformity of product with directive / directives, belongs to manufacturer.

İlgili yönetmelikler ve yasal mevzuat gereği ürünlere CE işareti iliştirilmesi ile ilgili nihai sorumluluk üreticiye aittir.
Ultimate responsibility regarding the affixing of CE mark according to relavant regulations and legal legislation, belongs manufacturer.

Sertifika Yayın Tarihi : 25.09.2026
Certificate Issue Date
Geçerlilik Tarihi : 25.09.2027
Validity Date

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BARBAROS MAH. AK ZAMBAK SOK.
A BLOK KAT.19 No:2 ATAŞEHİR
İSTANBUL / TÜRKİYE
Tel : 0216 572 49 10-11-12
Fax : 0216 572 49 14
www.qatechnic.com

L. Murat YILMAZ
Yönetim Kurulu Başkanı
Chairman Of Executive Board

T.C.
TÜRK PATENT ve MARKA KURUMU

MARKA TESCİL BELGESİ

Marka No : 2016 17233 - Ticaret

AL Aker Lighting

Marka Sahibi : AK BORU ELEKTRİK MALZEMELERİ SANAYİ TİCARET LİMİTED ŞİRKETİ
TÜRKİYE CUMHURİYETİ
Perpa Ticaret Merkezi A Blok Kat:8 No:702 34384 Şişli Şişli İstanbul

Emtiası : 09 , 11
İlişiktedir.

T.C. MARKALAR DAİRESİ BAŞKANLIĞI

İşbu Marka 26/02/2016 tarihinden itibaren ON YIL süreyle 29/11/2017 tarihinde tescil edilmiştir.

Prof. Dr. Habip ASAN
Türk Patent ve Marka Kurumu Başkanı

TÜRK PATENT
TÜRK PATENT VE MARKA KURUMU

T.C.
TÜRK PATENT ve MARKA KURUMU

MARKA TESCİL BELGESİ

Marka No : 2000 26759 - Ticaret

AK BORU

Marka Sahibi : **AK BORU ELEKTRİK MALZEMELERİ SANAYİ TİCARET LİMİTED ŞİRKETİ**
TÜRKİYE CUMHURİYETİ
Perpa Ticaret Merkezi A Blok Kat:8 No:702 34384 Şişli Şişli İstanbul

Emtiası : **09**
Elektrikte kullanılan borular , spiral borular.

T.C. MARKALAR DAİRESİ BAŞKANLIĞI

İşbu Marka ilk defa 11/12/2000 tarihinde tescil edilmiş olup, 11/12/2020 tarihinden itibaren ON YIL süreyle yenilenmiştir.

Prof. Dr. Habip ASAN
Türk Patent ve Marka Kurumu Başkanı

TÜRK PATENT
TÜRK PATENT VE MARKA KURUMU

TECHNICAL INFORMATION

Protection classes & symbols

IP PROTECTION LEVEL · IEC 60529

1ST	SOLID OBJECTS	2ND	WATER	IMPACT ENERGY
0	Not protected	0	Not protected	Not protected
1	Objects larger than 50 mm	1	Vertically dripping water	0.225 J · 150 g from 15 cm
2	Objects larger than 12.5 mm	2	Dripping water, tilted up to 15°	0.375 J · 250 g from 15 cm
3	Objects larger than 2.5 mm	3	Spraying water (rain)	0.5 J · 250 g from 20 cm
4	Objects larger than 1 mm	4	Splashing water	
5	Dust-protected	5	Water jets	2 J · 500 g from 40 cm
6	Dust-tight	6	Powerful water jets (waves)	
		7	Temporary immersion	6 J · 1500 g from 40 cm
		8	Continuous submersion	
		9	High-pressure, high-temperature water jets	20 J · 5000 g from 40 cm

PROTECTION AGAINST ELECTRIC SHOCK

CLASS	DESCRIPTION
0	No protective earth connection.
I	Protective earth connection.
II	Double insulation; no earth connection needed.
III	Safety extra-low voltage (SELV) supply.

PROTECTION AGAINST FLAMMABILITY

SYMBOL	DESCRIPTION
	Not suitable for mounting on normally flammable surfaces (non-flammable surfaces only).
F	Suitable for direct mounting on normally flammable surfaces.
F	Suitable for mounting in or on normally flammable surfaces, even when covered by thermal insulation.

QUALITY STANDARDS

SYMBOL	DESCRIPTION
CE	Manufactured in conformity with European lighting standards.
TS 8698 EN 60598 x x	Manufactured in conformity with European and Turkish lighting standards.

SYMBOL INFORMATION

SYMBOL	DESCRIPTION
	Hole size to be drilled for recessed luminaires.
m	Minimum distance between the luminaire and the lit surface.
60	Vertical rotation angle of adjustable luminaires.
356	Horizontal rotation angle of adjustable luminaires.
	Weight of the product in grams.

CATALOGUE DESIGN: ALICAN ALKAN

AKBORU

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