AKER LIGHTING

AL®
AKER LIGHTING

2025 EN

Türkiye

All products are our manufacturing.
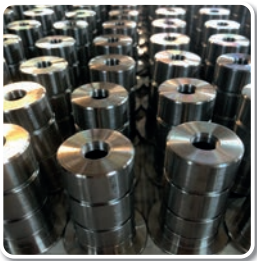
INDEX

AKER LIGHTING

AK BORU®

Thanks to our esteemed founder Mr. Suleyman Alkan, our company was established 1955 in Istanbul, Turkey. In our earlier years, we mostly in specialized metalwork such as pipe manufacturing. Period of time, our company started to garner attention and praise from the industry for our quality products. Over time, we extended our portfolio of products and became one of the leaders in our field.

1955

In 1980, Mr. Alkan and his three friends started and organized a modern industrial park, Istanbul Dogu Industrial Park. Our company shortly moved to this new site due to our increasing need for industrial space.

1980

Our company kept growing, and in 1998 was converted to an LLC.

1998

AK BORU ELEKTRIK CO. LTD.

1999

Since 1999, we have started to manufacture on garden lighting. In the following years, we have increased the production range of many garden fixtures made of Stainless steel, Aluminum and special durable Resin materials day by day.

Towards the end of 2008, we started LED underwater and pool lighting, which requires high manufacturing technology. We developed a very innovative system in PAR56 class pool light bulbs and surface-mounted pool light bulbs, and launched the first technological products in the world and in Turkey. While our country and the world are in search of energy saving product, our company has started to limit its LED production to only energy-saving and envoirment-friendly product.

2008

After the first days of 2010, we started to maximize our machinery, mold and electronic engineering investments. We manufacture many LED underwater and pool lighting and cases, garden lighting from stainless steel, aluminum and special plastics, solar panel lighting, implementation of ceiling lighting with LED, wall lighting. Most of them are genuice and industrial design patented. With the desire of our company to focus on continuous quality, we have certified our management style with ISO9001:2015.

2010

CB
ISO 9001:2015
CE
TÜRKAK
Kalite Yönetim Sistemi
TS EN ISO IEC 17021
AB-0047-YS

Since 2012, we have taken our experience from underwater pool lighting technology to a higher level and added underwater Yacht and Boat lighting to our production tree. In order to increase our product quality and intensify our international trade, our products have CE and CB certificates. All the products we have made are produced within our company and exported to many countries of the world, especially to America and European countries. As an innovative and quality-loving company, we will be in the desire to continue to offer you higher quality products with our special design.

2012

AKBORU

CORPORATE MANAGEMENT

Süleyman ALKAN
General manager

Founder of the company. He pioneered many innovations with groundbreaking inventions in the design and manufacture of machines.

Zafer ALKAN
Export & Finance

Designer of new products as well as the study R&G. Creator of patents for innovative works and products. Owner of the patent for cooling swimming-pool bulbs PAR 56.

Ali ALKAN
Purchasing & Procurement

He is specialized in finance and planning.He provides the production and development plans of the factory.

Hasan Kamil ALKAN
Director of Manufacturing and Projects

Training in production and design From 3D plans, he provides the steps of production and manufacturing of our products. Expert in molding and tooling. He realizes part of the manufacturing of our machines and our molds.

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.
TÜRK PATENT ENSTİTÜSÜ
PATENT DAİRESİ BAŞKANLIĞI

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

TURK
PATENT
ENSTITUSU

T.C.
TÜRK PATENT ENSTİTÜSÜ

FAYDALI MODEL BELGESİ

No: TR 2012 00530 Y

Bu Belge 551 Sayılı Patent Haklarının Korunması Hakkında Kanun Hükmünde Kararname'nin 162 nci maddesi uyarınca 17.01.2012 tarihinden itibaren 10 yıl süre ile verilmiştir.

Salih BEKTAŞ

Enstitü Başkanı a.

Patent Dairesi Başkanı

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

TÜRK PATENT
TÜRK PATENT VE MARKA KURUMU

AK BORU

AL 4145

Universal Adjustable Frame
Underwater Pool Lighting
PATENTED PRODUCT

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 20 to 28 mm. Its slim design creates a sleek and elegant look in your pool.

Product Features:

Frame Color Options: White, Anthracite, Stainless Steel

Frame Adjustability: Adjustable for diameters between 20 cm and 28 cm

Lighting Type: Compatible with AL SFPAR56 Slim Model PAR56 Lamp

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

Quaranty: 2 years

Installation: Easy frame and light replacement

AL 4145

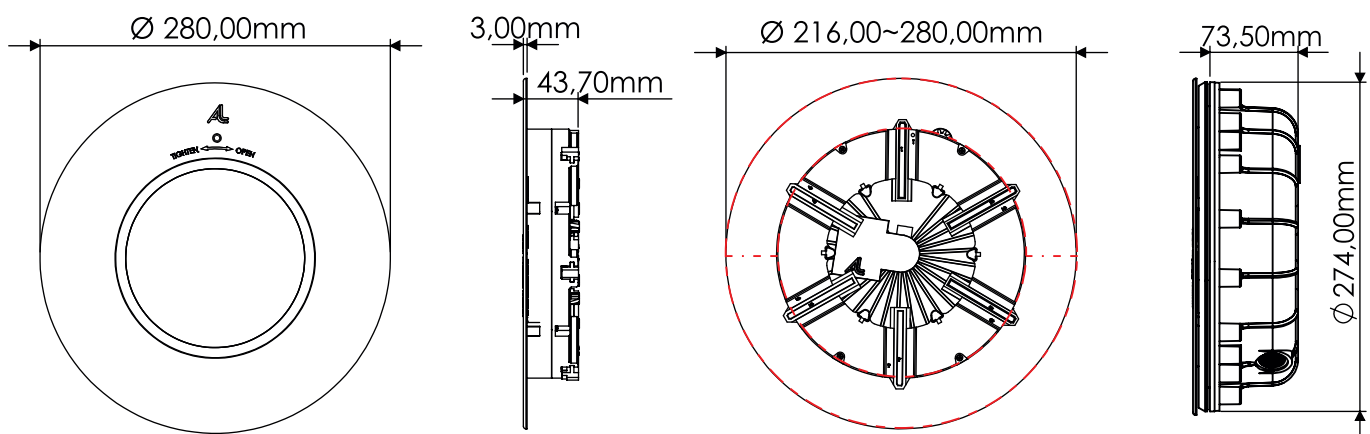### SLIM DESIGN FLUSH MOUNTED PAR56 LIGHTING

AL 4145 WH
(White Frame)

AL 4145 AT
(Anthracite Frame)

AL 4145 SS
(Stainless Steel Frame)

	Single Colours		RGB (Four Wired)		RGB (Two Wired)	
Product Codes	• AL 4145-84 WH / (WH,WW,BL) • AL 4145-120 WH / (WH,WW,BL)		• AL 4145-150 WH / RGB (Four Wired) • AL 4145-240 WH / RGB (Four Wired)		• AL 4145-150 WH / RGB (Two Wired) • AL 4145-240 WH / RGB (Two Wired)	
	• AL 4145-84 AT / (WH,WW,BL) • AL 4145-120 AT / (WH,WW,BL)		• AL 4145-150 AT / RGB (Four Wired) • AL 4145-240 AT / RGB (Four Wired)		• AL 4145-150 AT / RGB (Two Wired) • AL 4145-240 AT / RGB (Two Wired)	
	• AL 4145-84 SS / (WH,WW,BL) • AL 4145-120 SS / (WH,WW,BL)		• AL 4145-150 SS / RGB (Four Wired) • AL 4145-240 SS / RGB (Four Wired)		• AL 4145-150 SS / RGB (Two Wired) • AL 4145-240 SS / RGB (Two Wired)	
LED	• Single color options are available with 84 LEDs and 120 LEDs.		• RGB four-wire options are available with 150 LEDs and 240 LEDs.		• RGB two-wire options are available with 150 LEDs and 240 LEDs.	
LED Colours	• White (6000K) , Warm White (3000K) , Blue		• RGB Four-wire (Controlled with an RGB controller.)		• RGB Two-wire (No RGB controller needed. Changes mode with ON/OFF switch.)	
Watt / Lumen	42W WH ; 4200 lm 42W WW ; 4200 lm 42W BL ; 2520 lm	60W WH ; 6000 lm 60W WW ; 6000 lm 60W BL ; 3600 lm	30W RGB Four-wire	50W RGB Four-wire	30W RGB Two-wire	50W RGB Two-wire
Volt	12VAC		12VDC		12VAC	
Case	The housing is optional.					

Ø 280,00mm

3,00mm

43,70mm

Ø 216,00~280,00mm

73,50mm

Ø 274,00mm

U.V.   CE   **IP68**   F   **CLASS III**   **PATENTED**

PATENTED PRODUCT
AL SFPAR56 TR

24 MM SLIM DESIGN
PAR56 BULB

ADVANTAGES:
- The lamp has a heat-transferred body. The heat does not raise the temp of the body. Quik shift of the LED temp to water.
- Thermal resin polymer body is resistant towards pool chemicals.
- Do not occur the corrosion because of water.
- The glass of lamp is high resistant towards impact and U.V.
- It has long life and high light.
- The all electronic circuit board must be cooled.
- This lamp is more high life according to other led bulbs.
- Usable in the salt water.
- 2 years quaranty

SPECIFICATIONS:
- 42W White and Warm White colours are 4200 lumen
- 42W Blue colour is 2520 lumen
- 60W White and Warm White colours are 6000 lumen
- 60W Blue colour is 3600 lumen
- 30W & 50W RGB 3 chipped full colour LED
- 30W & 50W RGB 3 chipped full colour LED with two wire (No need the wireless control)
- Two wired RGB lamp is change the colour with ON/OFF

WHAT IS THE DIFFERENCE OF THERMAL RESIN MATERIAL
- The thermal resin is high heat transfered a polymer material.
- The thermal resin is a new and high-tech products with high heat transfered.
- Our patented cooling body eliminates heat generated on the LEDs as the design. Therefore it has much longer life than other LED bulbs.
- Thermal resin polymer body is resistant towards pool chemicals.
- The U.V. protected glasses is not broken and shock resistant towards impact. So the glass do not create a dangerous cutting in the pools.

RGB BULB LUMEN VALUES
AL SFPAR56 TR-150 RGB

LED Type	: 5050		
LED Pcs	: 150		
		Total MCD	Lumen
LED Colour	: 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		
		Total MCD	Lumen
LED Colour	: Red	120.000	376
	: Green	312.000	980
	: Blue	79.200	248
	: White	511.200	1604

AKER LIGHTING

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

SLIM DESIGN PAR56 LED BULBS
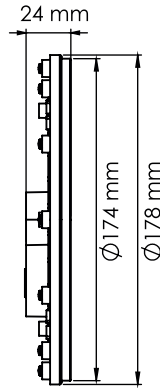
PATENTED

24 mm

Ø174 mm Ø178 mm

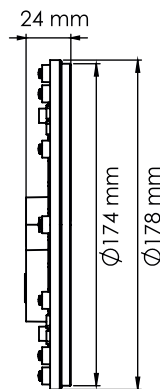|	
LED	: 84 pcs high power SMD LED (5730)
	120 pcs high power SMD LED (5730)
Colour	: White, Warm White, Blue
Lumen	: WH/WW 4200 - BL 2520 lumen
	WH/WW 6000 - BL 3600 lumen
Volt	: 12 VAC
Watt	: 42 W. (AL SFPAR56 TR-84 WH/WW/BL)
	60 W. (AL SFPAR56 TR-120 WH/WW/BL)
Package	: 30 pcs.

Specifications
Slim Design
UV protected Thermal Resin cooled body
High light, long life, low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No Corrossion
Usable in the salt water
2 years quaranty

U.V. CE IP68 CLASS III

AL SFPAR56 TR-150/240 (RGB)

SLIM DESIGN PAR56 LED BULBS

PATENTED

24 mm

Ø174 mm Ø178 mm

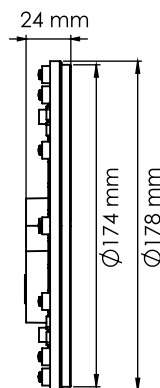|	
LED	: 150 pcs high power SMD LED (5050)
	240 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VDC
Watt	: 30 W. (AL SFPAR56 TR-150 RGB)
	50 W. (AL SFPAR56 TR-240 RGB)
Package	: 30 pcs

Specifications
Slim Design
UV protected Thermal Resin cooled body
High light, long life, low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
Easy installation
No Corrossion
Usable in the salt water
RGB full colour
2 years quaranty

U.V. CE IP68 CLASS III

AL SFPAR56 TR-150/240 (RGB TWO WIRED)

SLIM DESIGN PAR56 LED BULBS

PATENTED

24 mm

Ø174 mm Ø178 mm

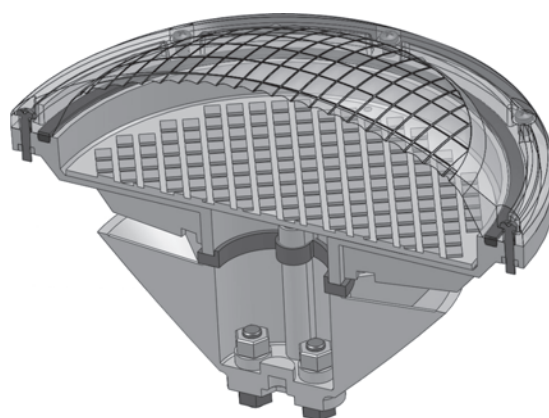|	
LED	: 150 pcs high power SMD LED (5050)
	240 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VAC
Watt	: 30 W. (AL SFPAR56 TR-150 RGB)
	50 W. (AL SFPAR56 TR-240 RGB)
Package	: 30 pcs

Specifications
Slim Design
Internal RGB control with two wire
RGB colour changing with ON/OFF
RGB full colour
UV protected Thermal Resin cooled body
High light, long life, low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
Easy installation
No Corrossion
Usable in the salt water
2 years quaranty

U.V. CE IP68 CLASS III

PATENTED PRODUCT
AL SPAR56 TR

THERMAL RESIN BODY AND SMD LED PAR56 POOL BULB

PATENT NO: TR2016 03905Y

ADVANTAGES:
- The lamp has a heat-transferred body. The heat does not raise the temp of the body. Quik shift of the LED temp to water.
- Thermal resin polymer body is resistant towards pool chemicals.
- Do not occur the corrosion because of water.
- The glass of lamp is high resistant towards impact and U.V.
- It has long life and high light.
- The all electronic circuit board must be cooled.
- This lamp is more high life according to other led bulbs.
- Usable in the salt water.
- 2 years quaranty

SPECIFICATIONS:
- 42W White and Warm White colours are 4200 lumen
- 42W Blue colour is 2520 lumen
- 60W White and Warm White colours are 6000 lumen
- 60W Blue colour is 3600 lumen
- 30W & 50W RGB 3 chipped full colour LED
- 30W & 50W RGB 3 chipped full colour LED with two wire (No need the wireless control)
- Two wired RGB lamp is change the colour with ON/OFF

WHAT IS THE DIFFERENCE OF THERMAL RESIN MATERIAL
- The thermal resin is high heat transfered a polymer material.
- The thermal resin is a new and high-tech products with high heat transfered.
- Our patented cooling body eliminates heat generated on the LEDs as the design. Therefore it has much longer life than other LED bulbs.
- Thermal resin polymer body is resistant towards pool chemicals.
- The U.V. protected glasses is not broken and shock resistant towards impact. So the glass do not create a dangerous cutting in the pools.
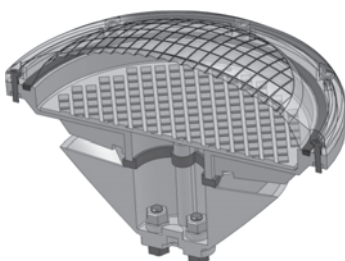
RGB BULB LUMEN VALUES
AL SPAR56TR-150 RGB

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 SPAR56TR-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 SPAR56 TR-84/120 (WH/WW/BL)

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
Watt	: 42 W. (AL SPAR56 TR-84 WH/WW/BL)
	60 W. (AL SPAR56 TR-120 WH/WW/BL)
Package	: 30 pcs.
Package Sizes	: 64 x 38 x 56 cm
Package Kgs	: 23,6 Kgs

Specifications
UV protected Thermal Resin cooled body
High light, long life, low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No Corrossion
Usable in the salt water
2 years quaranty

U.V. CE IP68 CLASS III

AL SPAR56 TR-150/240 (RGB)

PATENTED

LED	: 150 pcs high power SMD LED (5050)
	240 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VDC
Watt	: 30 W. (AL SPAR56 TR-150 RGB)
	50 W. (AL SPAR56 TR-240 RGB)
Package	: 30 pcs
Package Sizes	: 64 x 38 x 56 cm
Package Kgs	: 23,6 kgs

Specifications
UV protected Thermal Resin cooled body
High light, long life, low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
Easy installation
No Corrossion
Usable in the salt water
RGB full colour
2 years quaranty

U.V. CE IP68 CLASS III

AL SPAR56 TR-150/240 (RGB TWO WIRED)

PATENTED

LED	: 150 pcs high power SMD LED (5050)
	240 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VAC
Watt	: 30 W. (AL SPAR56 TR-150 RGB)
	50 W. (AL SPAR56 TR-240 RGB)
Package	: 30 pcs
Package Sizes	: 64 x 38 x 56 cm
Package Kgs	: 23,6 kgs

Specifications
Internal RGB control with two wire
RGB colour changing with ON/OFF
RGB full colour
UV protected Thermal Resin cooled body
High light, long life, low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
Easy installation
No Corrossion
Usable in the salt water
2 years quaranty

U.V. CE IP68 CLASS III

PAR56 LED LIGHT WITH ALUMINIUM COOLING BODY

AL SPAR56

ADVANTAGES:
- Low energy consumption
- High light
- Long life
- Low installation cost
- The resistant body although UV and impact
- IP 68 Water proof protection
- Aluminium cooling body with patented
- Unusable in the salt water
- 2 year quaranty

SPECIFICATIONS:
- 42W White and Warm White colours are 4200 lumen
- 42W Blue colour is 2520 lumen
- 60W White and warm white colours are 6000 lumen
- 60W Blue colour is 3600 lumen
- 30W & 50W RGB 3 chiped full colour LED

RGB BULB LUMEN VALUES
AL SPAR56-150 RGB

LED Type	: 5050		
LED Pcs	: 150		
		Total MCD	**Lumen**
LED Colour	: Red	75.000	235
	: Green	195.000	615
	: Blue	49.500	155
	: White	319.500	1005

RGB BULB LUMEN VALUES
AL SPAR56-240 RGB

Led Type	: 5050		
Led Pcs	: 240		
		Total MCD	**Lumen**
Led Colour	: Red	120.000	376
	: Green	312.000	980
	: Blue	79.200	248
	: White	511.200	1604

AKER SMD LED BULBS
- 42W / hours low energy consumption
- High light
- Long life
- 4200 lumen high power LED (5730)

NORMAL HALOGEN BULBS
- 300W / hours high energy consumption
- High price for each bulb
- Short life
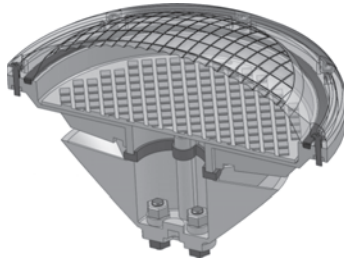- Must be filled transformer

LED & COLOUR OPTIONS
- 84 High power SMD LED White, Warm White and Blue
- 120 High power SMD LED White, Warm White and Blue
- 150 SMD (3 chiped 5050 LED) RGB colour
- 240 SMD (3 chiped 5050 LED) RGB colour

AKER LIGHTING

AL SPAR56-84/120 (WH/WW/BL)

ALUMINIUM BODIED LED PAR56 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
Watt	: 42 W. (AL SPAR56-84 WH/WW/BL)
	60 W. (AL SPAR56-120 WH/WW/BL)
Package	: 30 pcs.
Package Sizes	: 64 x 38 x 56 cm

Specification
High light, long life, low energy consumption
Aluminium cooling body
Special plating on the body although corrossion
Unusable in the salt water
Patented product
2 years quaranty

U.V. ♻ CE IP68 ⊽ ◈ ⚠ ⚠ CLASS III

AL SPAR56-150/240 (RGB)

ALUMINIUM BODIED LED PAR56 BULBS
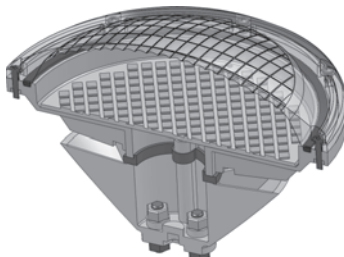
PATENTED

LED	: 150 pcs high power SMD LED (5050)
	240 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VDC
Watt	: 30 W. (AL SPAR56-150 RGB)
	50 W. (AL SPAR56-240 RGB)
Package	: 30 pcs
Package Sizes	: 64 x 38 x 56 cm

Specification
Fast and slow colour mod
Change and fixed colour
Wireless control
RGB full colour
Unusable in the salt water
Patented product
2 years quaranty

U.V. ♻ CE IP68 ⊽ ◈ ⚠ ⚠ CLASS III
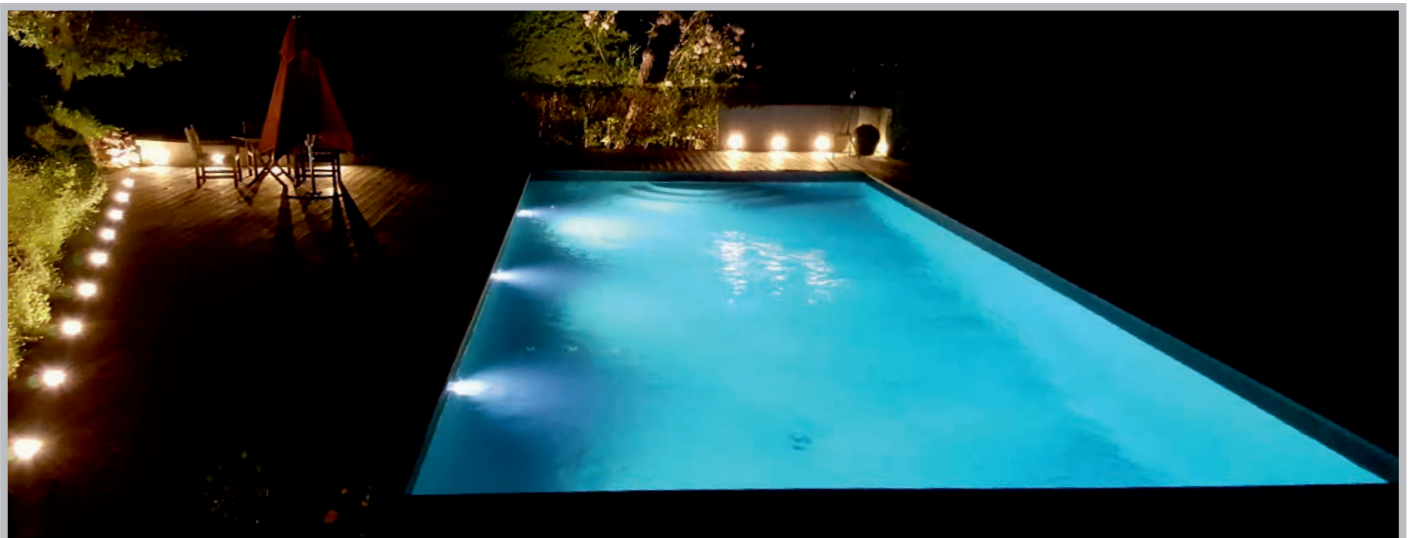
France

AL SPAR56 ECO FLAT

PATENTED

ECO-PAR56 LED LIGHT WITH SPECIAL COOLING BODY

ADVANTAGES:
- Low energy consumption
- High light
- Long life
- Low installation cost
- The resistant body although UV and impact
- IP68 Waterproof protection
- Cooling body with patented
- Usable in the salt water
- 1 year quaranty

SPECIFICATIONS:
- 26W White and Warm White colours are 2600 lumen
- 26W Blue colour is 1560 lumen
- 20W RGB 3 chiped full colour LED with wireless control
- 20W RGB 3 chiped full colour LED with two wire (No need the wireless control)
- Two wired RGB lamp is change the colour with ON/OFF

RGB BULB LUMEN VALUES
AL SPAR56 ECO-99 RGB

LED Type	: 5050		
LED Pcs	: 99		
		Total MCD	**Lumen**
LED Colour	: Red	50.000	155
	: Green	130.000	406
	: Blue	32.700	103
	: White	210.900	664

AKER SMD LED BULBS
- 26W / hours low energy consumption
- High light
- Long life
- 2600 lumen high power (5730)

NORMAL HALOGEN BULBS
- 300W / hours high energy consumption
- High price for each bulb
- Short life
- Must be filled transformer

LED & COLOUR OPTIONS
- 51 SMD High power SMD LED White, Warm White and Blue
- 99 SMD (3 chiped 5050 LED) RGB colour with wireless control
- 99 SMD (3 chiped 5050 LED) RGB colour with two wired

AL SPAR56-51 ECO FLAT (WH/WW/BL)

ECO-MODEL LED PAR56 POOL LIGHTING

PATENTED

LED	: 51 pcs high power SMD LED (5730)
Colour	: White, Warm White, Blue
Lumen	: 2600 (AL SPAR56-51 WH/WW)
	1500 (AL SPAR56-51 BL)
Volt	: 12 VAC
Watt	: 26 W.
Package	: 30 pcs.
Package Sizes	: 64 x 38 x 56 cm

Specification
High light, long life, low energy consumption
Resistant special glass and body towards UV and impact
No Corrossion
Recycleable Eco-Friendly materials
Usable in the salt water
Patented product
1 years quaranty

U.V. CE IP68 CLASS III

AL SPAR56-99 ECO FLAT (RGB)

ECO-MODEL LED PAR56 POOL LIGHTING

PATENTED
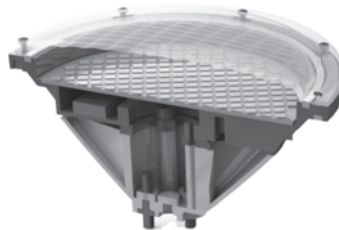
LED	: 99 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VDC
Watt	: 20 W.
Package	: 30 pcs.
Package Sizes	: 64 x 38 x 56 cm

Specification
RGB control with four line cable
RGB full colour LED
Fast and slow colour mode
Change and fixed colour
Wireless control
Usable in the salt water
Patented product
1 years quaranty

U.V. CE IP68 CLASS III

AL SPAR56-99 ECO FLAT (RGB TWO WIRED)

ECO-MODEL LED PAR56 POOL LIGHTING

PATENTED

LED	: 99 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VAC
Watt	: 20 W.
Package	: 30 pcs.
Package Sizes	: 64 x 38 x 56 cm

Specification
Internal RGB control with two wired
RGB colour changing with ON/OFF
RGB full colour LED
Fast and slow colour mode
Change and fixed colour
No need wireless control
Usable in the salt water
Patented product
1 years quaranty

U.V. CE IP68 CLASS III

AL 4045 CASE SERIES

PAR56 POOL LIGHTING HOUSING

FRAME OPTIONS

AL 4045 WH WHITE FRAME	AL 4045 AT ANTHRACITE FRAME	AL 4045 CR CHROME FRAME	AL 4045 SS STAINLESS STEEL FRAME
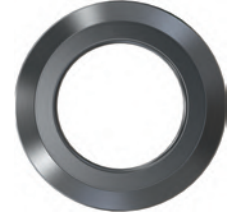
| AL 4045SC WH WHITE FRAME	AL 4045SC AT ANTHRACITE FRAME	AL 4045SC CR CHROME FRAME	AL 4045SC SS STAINLESS STEEL FRAME

CASE OPTIONS

AL 4045 CONCRETE CASE	AL 4045LNR LINEER CASE

PRODUCT CODES

Case Type	Concrete	Lineer
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

139,00mm
20,00mm
Ø 274,00mm
Ø 235,00mm
Ø 220,00mm
Ø 280,00mm
98,00mm
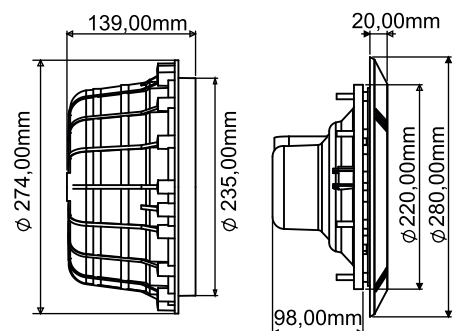
Features:
• Compatible with AL SPAR56, AL SPAR56TR & AL SFPAR56 models • Standard PAR56 bulb housing • Suitable for use in saltwater
• AISI 316L stainless steel frame and equipment • Resistant to UV rays and corrosion • 1-year warranty

U.V.   CE   max 5m

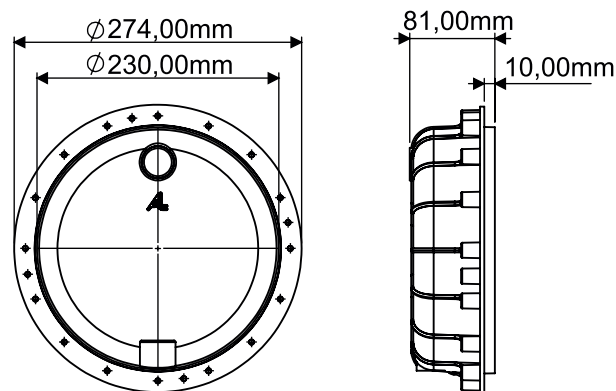## AL 4145 CASE SERIES

SLIM POOL LIGHTING HOUSING

CASE OPTIONS

AL 4145 CONCRETE CASE

AL 4145LNR LINEER CASE

PRODUCT CODES

| Case Type	Concrete	Lineer
Screw-tightening installation	• AL 4145 WH • AL 4145 AT • AL 4145 SS	• AL 4145 LNR WH • AL 4145 LNR AT • AL 4145 LNR SS

TECHNICAL DETAILS

⌀274,00mm
⌀230,00mm
81,00mm
10,00mm

Features:
• Compatible with AL SFPAR56 model • Suitable for use in saltwater • AISI 316L stainless steel frame and equipment
• Resistant to UV rays and corrosion • 1-year warranty

U.V. ♻ CE F ◇ ⚠ ⚠ max 5m

AL SF4255 TR

SLIM LED POOL LIGHTING FOR SURFACE MOUNTED

25mm

$\varnothing$ **260mm**
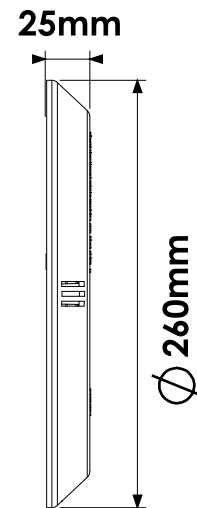
PATENTED

25 MM SLIM DESIGN

SPECIFICATIONS

- Low energy consumption.
- High power SMD LED and +50.000h LED life.
- Low installation cost.
- Resistant body although U.V. and impact
- IP68 waterproof protection
- Thermal resin cooling body with patented
- The resistant glass although impact and U.V.
- Cover types;
  - -White ABS cover
  - -Stainless steel cover
- 2 years quaranty

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 chiped 5050 LED) RGB colour with wireless control
- 150 pcs SMD (3 chiped 5050 LED) RGB colour with two wired
- 240 pcs SMD (3 chiped 5050 LED) RGB colour with wireless control
- 240 pcs SMD (3 chiped 5050 LED) RGB colour with two wired
  Two wired RGB lamp is change the colour with ON/OFF

RGB LAMP LUMEN VALUES

AL SF4255TR-150 RGB

LED Type	: 5050		
LED Pcs	: 150		
		Total MCD	**Lumen**
LED Colour	: Red	75.000	235
	: Green	195.000	615
	: Blue	49.500	155
	: White	319.500	1005

AL SF4255TR-240 RGB

Led Type	: 5050		
Led Pcs	: 240		
		Total MCD	**Lumen**
Led Colour	: 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

THERMAL RESIN BODY
Only 25 mm

Ø 260mm   25mm

Ø 260mm
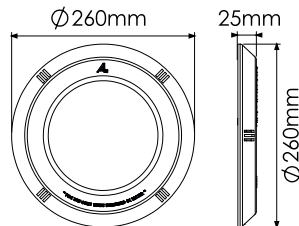
LED	: 84 LED SMD (5730) high power or
	120 LED SMD (5730) high power
LED Colour	: White, Warm White, Blue
Lumen	: WH-WW 4200 / BL 2520 lumen
	WH-WW 6000 / BL 3600 lumen
Volt	: 12 VAC
Watt	: 42 W
	60 W
Package Pcs	: 12 pcs.
Package Size	: 62 x 27 x 27,5 cm

Specification
25mm new slim design
Cover types;
  -AISI 316L Stainless Steel Cover
  -White ABS cover
UV protected Thermal Resin cooled body
High light, long life, low energy consumption
Resistant special glass and body towards UV and impact
Usable in the salt water
2 years quaranty

U.V. CE IP68 CLASS III

AL SF4255 TR-150/240 WH/SS (RGB)   SLIM SURFACE MOUNTED LED POOL LIGHTING
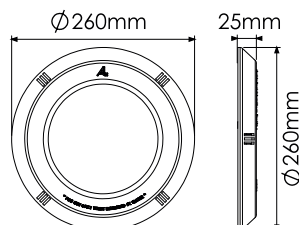
THERMAL RESIN BODY
Only 25 mm

Ø 260mm   25mm

Ø 260mm

LED	: 150 Pcs 3 chiped 5050 SMD LED
	: 240 Pcs 3 chiped 5050 SMD LED
LED Colour	: RGB
Volt	: 12 VDC
Watt	: 30 W.
	50 W.
Package Pcs	: 12 pcs.
Package Size	: 62 x 27 x 27,5 cm

Specification
RGB control with four line 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, long life, low energy consumption
Resistant special glass and body towards UV and impact
Usable in the salt water
2 years quaranty

U.V. CE IP68 CLASS III

AL SF4255 TR-150/240 WH/SS (RGB TWO WIRED)   SLIM SURFACE MOUNTED LED POOL LIGHTING
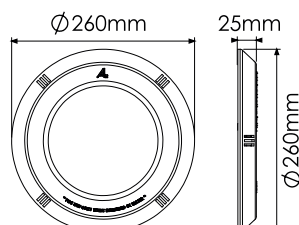
THERMAL RESIN BODY
Only 25 mm

Ø 260mm   25mm

Ø 260mm

LED	: 150 Pcs 3 chiped 5050 SMD LED
	: 240 Pcs 3 chiped 5050 SMD LED
LED Colour	: RGB
Volt	: 12 VAC
Watt	: 30 W.
	50 W.
Package Pcs	: 12 pcs.
Package Size	: 62 x 27 x 27,5 cm

Specification
Internal RGB control with two wired
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, long life, low energy consumption
Resistant special glass and body towards UV and impact
Usable in the salt water
2 years quaranty

U.V. CE IP68 CLASS III

AL 4055 SERIES

SLIM LED POOL LIGHTING FOR SURFACE MOUNTED

SPECIFICATIONS

- Low energy consumption.
- High power SMD LED and +50.000h LED life.
- Low installation cost.
- Resistant body although U.V. and impact
- IP68 waterproof protection
- Body types;
  - Aluminium cooling body with patented
  - Thermal resin cooling body with patented
- Special plating although corrossion (Only Aluminium body)
- The resistant glass although impact and U.V.
- Cover types;
  - White ABS cover
  - Chrome plating cover
  - Stainless steel cover
- 2 years quaranty

AL 4055TR (THERMAL RESIN)

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 chiped 5050 LED) RGB colour with wireless control
- 150 pcs SMD (3 chiped 5050 LED) RGB colour with two wired
- 240 pcs SMD (3 chiped 5050 LED) RGB colour with wireless control
- 240 pcs SMD (3 chiped 5050 LED) RGB colour with two wired
- White / Chrome plating cover
- AISI 316L quality stainless steel cover

AL 4055 (ALUMINIUM BODY)

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 chiped 5050 LED) RGB colour with wireless control
- 150 pcs SMD (3 chiped 5050 LED) RGB colour with two wired
- 240 pcs SMD (3 chiped 5050 LED) RGB colour with wireless control
- 240 pcs SMD (3 chiped 5050 LED) RGB colour with two wired
- White / Chrome plating cover
- AISI 316L quality stainless steel cover

AL 4155 ECO FLAT

LED & COLOUR OPTIONS

- 51 SMD High power SMD LED White, Warm White and Blue
- 99 SMD (3 chiped 5050 LED) RGB colour with wireless control
- 99 SMD (3 chiped 5050 LED) RGB colour with two wired
- White cover

PATENTED

RGB LAMP LUMEN VALUES

AL 4055-150 RGB & AL 4055TR-150

LED Type	: 5050		
LED Pcs	: 150		
		Total MCD	**Lumen**
LED Colour	: Red	75.000	235
	: Green	195.000	615
	: Blue	49.500	155
	: White	319.500	1005

AL 4055-240 RGB & AL 4055TR-240

Led Type	: 5050		
Led Pcs	: 240		
		Total MCD	**Lumen**
Led Colour	: Red	120.000	376
	: Green	312.000	980
	: Blue	79.200	248
	: White	511.200	1604

AL 4155 ECO-99 RGB

LED Type	: 5050		
LED Pcs	: 99		
		Total MCD	**Lumen**
LED Colour	: Red	50.000	155
	: Green	130.000	406
	: Blue	32.700	103
	: White	210.900	664

AL 4055TR — SURFACE-MOUNT LED POOL LIGHT WITH THERMAL RESIN BODY

AL 4055TR WH
(White Frame)

AL 4055TR CR
(Chrome Frame)

AL 4055TR SS
(Stainless Steel Frame)

	Single Colours		RGB (Four Wired)	RGB (Two Wired)
Product Codes	• AL 4055TR-84 WH/(WH,WW,BL) (42W) • AL 4055TR-120 WH/(WH,WW,BL) (60W)		• AL 4055TR-150 WH/RGB (Four Wired) (30W) • AL 4055TR-240 WH/RGB (Four Wired) (50W)	• AL 4055TR-150 WH/RGB (Two Wired) (30W) • AL 4055TR-240 WH/RGB (Two Wired) (50W)
	• AL 4055TR-84 CR/(WH,WW,BL) (42W) • AL 4055TR-120 CR/(WH,WW,BL) (60W)		• AL 4055TR-150 CR/RGB (Four Wired) (30W) • AL 4055TR-240 CR/RGB (Four Wired) (50W)	• AL 4055TR-150 CR/RGB (Two Wired) (30W) • AL 4055TR-240 CR/RGB (Two Wired) (50W)
	• AL 4055TR-84 SS/(WH,WW,BL) (42W) • AL 4055TR-120 SS/(WH,WW,BL) (60W)		• AL 4055TR-150 SS/RGB (Four Wired) (30W) • AL 4055TR-240 SS/RGB (Four Wired) (50W)	• AL 4055TR-150 SS/RGB (Two Wired) (30W) • AL 4055TR-240 SS/RGB (Two Wired)(50W)
Body Type	Thermal resin cooling body			
LED	• Single color options are available with 84 LEDs and 120 LEDs.		• RGB four-wire options are available with 150 LEDs and 240 LEDs.	• RGB two-wire options are available with 150 LEDs and 240 LEDs.
LED Colours	• White (6000K) , Warm White (3000K) , Blue		• RGB Four-wire (Controlled with an RGB controller.)	• RGB Two-wire (No RGB controller needed. Changes mode with ON/OFF switch.)
Watt / Lumen	42W WH ; 4200 lm 42W WW ; 4200 lm 42W BL ; 2520 lm	60W WH ; 6000 lm 60W WW ; 6000 lm 60W BL ; 3600lm	30W RGB Four-wire 50W RGB Four-wire	30W RGB Two-wire 50W RGB Two-wire
Volt	12VAC		12VDC	12VAC
Frame Options	White, Chrome , AISI 316L Stainless Steel			
Package	• Size : 62 X 27 X 27,5 cm • 14 Pcs			

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-color RGB LEDs for RGB models • Two-wire and four-wire connection options for RGB models
• Multiple color modes and dynamic patterns available in RGB models • 2-year warranty

⌀255mm   32mm   ⌀194mm

U.V.   ♻   CE   IP68   ▽F   ⬛   ⚠   ⚠   CLASS III   **PATENTED**

AKER LIGHTING

AL 4055 — SURFACE-MOUNT LED POOL LIGHT WITH ALUMINUM BODY

**AL 4055 WH**
(White Frame)

AL 4055 CR
(Chrome Frame)

AL 4055 SS
(Stainless Steel Frame)

	Single Colours	RGB (Four Wired)	RGB (Two Wired)
Product Codes	• AL 4055-84 WH/(WH,WW,BL) (42W) • AL 4055-120 WH/(WH,WW,BL) (60W)	• AL 4055-150 WH/RGB (Four Wired) (30W) • AL 4055-240 WH/RGB (Four Wired) (50W)	• AL 4055-150 WH/RGB (Two Wired) (30W) • AL 4055-240 WH/RGB (Two Wired) (50W)
	• AL 4055-84 CR/(WH,WW,BL) (42W) • AL 4055-120 CR/(WH,WW,BL) (60W)	• AL 4055-150 CR/RGB (Four Wired) (30W) • AL 4055-240 CR/RGB (Four Wired) (50W)	• AL 4055-150 CR/RGB (Two Wired) (30W) • AL 4055-240 CR/RGB (Two Wired) (50W)
	• AL 4055-84 SS/(WH,WW,BL) (42W) • AL 4055-120 SS/(WH,WW,BL) (60W)	• AL 4055-150 SS/RGB (Four Wired) (30W) • AL 4055-240 SS/RGB (Four Wired) (50W)	• AL 4055-150 SS/RGB (Two Wired) (30W) • AL 4055-240 SS/RGB (Two Wired)(50W)
Body Type	Aluminum cooling body		
LED	• Single color options are available with 84 LEDs and 120 LEDs.	• RGB four-wire options are available with 150 LEDs and 240 LEDs.	• RGB two-wire options are available with 150 LEDs and 240 LEDs.
LED Colours	• White (6000K) , Warm White (3000K) , Blue	• RGB Four-wire (Controlled with an RGB controller.)	• RGB Two-wire (No RGB controller needed. Changes mode with ON/OFF switch.)
Watt / Lumen	42W WH ; 4200 lm / 60W WH ; 6000 lm 42W WW ; 4200 lm / 60W WW ; 6000 lm 42W BL ; 2520 lm / 60W BL ; 3600lm	30W RGB Four-wire / 50W RGB Four-wire	30W RGB Two-wire / 50W RGB Two-wire
Volt	12VAC	12VDC	12VAC
Frame Options	White, Chrome , AISI 316L Stainless Steel		
Package	•Size : 62 X 27 X 27,5 cm • 14 Pcs		

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
• Multiple color modes and dynamic patterns available in RGB models   • 2-year warranty

⌀255mm   32mm   ⌀194mm
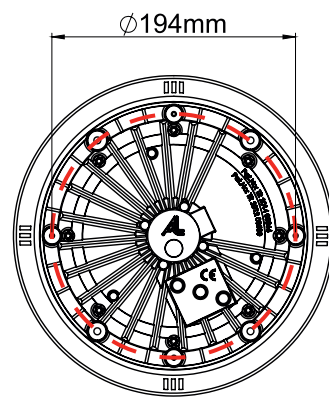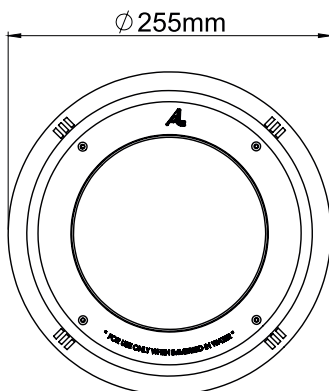
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AL 4155-51 ECO FLAT

ECO FLAT SURFACE-MOUNT LED POOL LIGHT

AL 4155-51 ECO FLAT
(White Frame)

Product Codes	Single Colours	RGB (Four Wired)	RGB (Two Wired)
	• AL 4155-51 ECO/(WH,WW,BL) (26W)	• AL 4155-99 ECO/RGB (Four Wired) (20W)	• AL 4155-99 ECO/RGB (Two Wired) (20W)
Body Type	Eco cooling body		
LED	• Single color options are available with 51 LEDs.	• RGB four-wire options are available with 99 LEDs.	• RGB two-wire options are available with 99 LEDs.
LED Colours	• White (6000K) , Warm White (3000K) , Blue	• RGB Four-wire (Controlled with an RGB controller.)	• RGB Two-wire (No RGB controller needed. Changes mode with ON/OFF switch.)
Watt / Lumen	26W WH ; 2600 lm 26W WW ; 2600 lm 26W BL ; 1560 lm	20W RGB Four-wire	20W RGB Two-wire
Volt	12VAC	12VDC	12VAC
Frame Option	White		
Package	• Size : 62 X 27 X 27,5 cm • 14 Pcs		

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-color RGB LEDs for RGB models   • Two-wire and four-wire connection options for RGB models
• Multiple color modes and dynamic patterns available in RGB models   • 1-year warranty

⌀255mm   32mm   ⌀194mm

U.V.   ♻   CE IP68   ⬡F   ❖   ⚠ ⚠   ≋   CLASS III   **PATENTED**
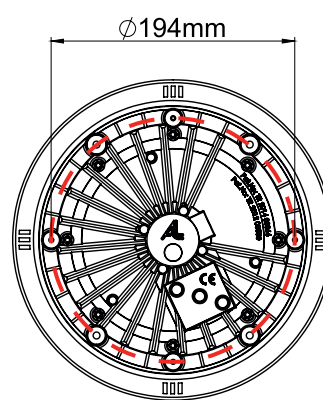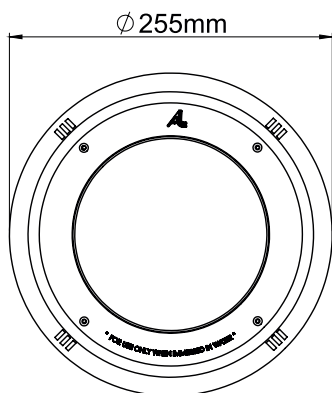
PATENTED
MINI DESIGN SURFACE MOUNTED
POOL LIGHTING

AL 4115 -12W

AL 4135 - 42W

AL 4125 -24W

ADVANTAGES :
- This lamp can use underwater, pool and pool's steps.
- It has so slim and stylish design.
- Thanks to the thermal resin body is long life work.
- The glass of this product resistant towards to impact and UV protected.
- Easy and simple installation.
- It has high light
- Thermal resin polymer body is resistant towards pool chemicals.
- No corrosion.
- Usable in the salt water
- Recycleable Eco-Friendly materials.

WHAT IS THE DIFFERENCE OF THERMAL RESIN MATERIAL:
- The thermal resin is high heat transfered a polymer material.
- The thermal resin is a new and High-Tech products with high heat transferred.
- Our patented cooling body eliminates heat generated on the LEDs as the design. Therefore it has much longer life.
- Thanks to the High-Tech body affected by pool chemical.
- The U.V. proteced glasses is not broken and shock resistant towards impact. So the glass do not create a dangerous cutting in the pools.

RGB BULB LUMEN VALUES

AL 4115 RGB			
LED Type	: 5050		
LED Pcs	: 12	**Total MCD**	**Lumen**
LED Colour	: Red	18.000	56
	: Green	46.800	150
	: Blue	11.900	39
	: White	76.700	245

AL 4125 RGB			
LED Type	: 5050		
LED Pcs	: 69	**Total MCD**	**Lumen**
LED Colour	: Red	45.000	140
	: Green	117.000	375
	: Blue	29.800	96
	: White	192.000	612

AL 4135 RGB			
LED Type	: 5050		
LED Pcs	: 102	**Total MCD**	**Lumen**
LED Colour	: Red	75.000	236
	: Green	195.600	625
	: Blue	49.700	160
	: White	320.000	1020

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

SURFACE MOUNTED POOL AND POOL STEP LIGHTING

PATENTED

19,40mm

Ø48,20mm

126mm
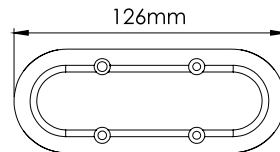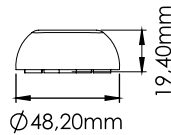
LED	: 24 pcs high power SMD LED (5730)
Colour	: White, Warm White, Blue
Lumen	: White, Warm White 1200, Blue 720 lumen
Volt	: 12 VDC
Watt	: 12W

Specifications
UV protected Thermal Resin cooled body
High light, long life
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
1 year quaranty

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AL 4115 TR/WH (RGB)

SURFACE MOUNTED POOL AND POOL STEP LIGHTING

PATENTED

19,40mm

Ø48,20mm

126mm
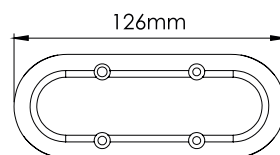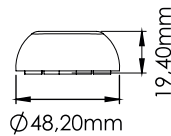
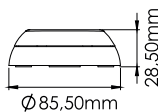|	
LED	: 12 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VDC
Watt	: 6 W.

Specification
UV protected Thermal Resin cooled body
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
Fast and slow colour mod
Change and fixed colour
Wireless control
RGB full colour
Patented product
1 year quaranty

U.V. CE IP68 F CLASS III

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

SURFACE MOUNTED POOL AND POOL STEP LIGHTING

PATENTED

Ø85,50mm
28.50mm
202 mm
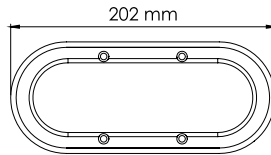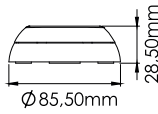
LED	: 48 pcs high power SMD LED (5730)
Colour	: White, Warm White, Blue
Lumen	: White, Warm White 2400,
Volt	Blue 1440 lumen
Watt	: 12VAC or 12 VDC
	: 24 W.

Specifications
UV protected Thermal Resin cooled body
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
1 year quaranty

U.V.   CE IP68   CLASS III

AL 4125 TR/WH (RGB)

SURFACE MOUNTED POOL AND POOL STEP LIGHTING

PATENTED

Ø85,50mm
28.50mm
202 mm
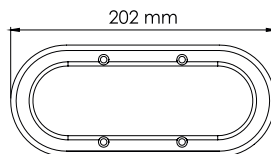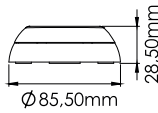
LED	: 69 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VDC
Watt	: 15 W.

Specifications
UV protected Thermal Resin cooled body
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
Fast and slow colour mod
Change and fixed colour
Wireless control
RGB full colour
Patented product
1 year quaranty

U.V.   CE IP68   CLASS III

AL 4125 TR/WH (RGB TWO WIRED)

SURFACE MOUNTED POOL AND POOL STEP LIGHTING

PATENTED

Ø85,50mm
28.50mm
202 mm
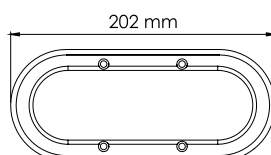
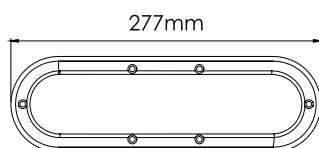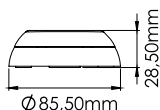|	
LED	: 69 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VAC
Watt	: 15 W.

Specifications
Internal RGB control with two wire
RGB colour changing with ON/OFF
Fast and slow colour mod
Change and fixed colour
RGB full colour
UV protected Thermal Resin cooled body
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
Patented product
1 year quaranty

U.V.   CE IP68   CLASS III

AL 4135 TR/WH (WH/WW/BL)
SURFACE MOUNTED POOL AND POOL STEP LIGHTING
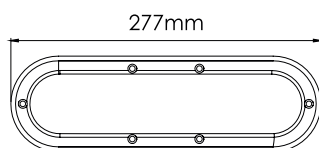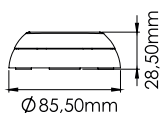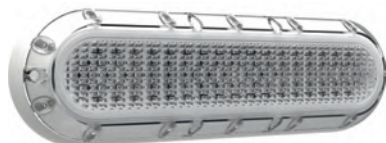
PATENTED

Ø 85,50mm
28,50mm
277mm

LED	: 84 pcs high power SMD LED (5730)
Colour	: White, Warm White, Blue
Lumen	: White, Warm White 4200, Blue 2520 lumen
Volt	: 12VAC or 12 VDC
Watt	: 42 W.

Specifications
UV protected Thermal Resin cooled body
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
1 year quaranty

U.V.   CE IP68   CLASS III

AL 4135 TR/WH (RGB)
SURFACE MOUNTED POOL AND POOL STEP LIGHTING

PATENTED

Ø 85,50mm
28,50mm
277mm
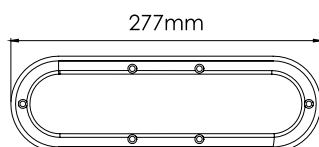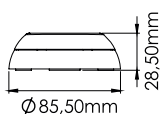
LED	: 102 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VDC
Watt	: 21 W.

Specifications
UV protected Thermal Resin cooled body
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
Fast and slow colour mod
Change and fixed colour
Wireless control
RGB full colour
Patented product
1 year quaranty

U.V.   CE IP68   CLASS III

AL 4135 TR/WH (RGB TWO WIRED)
SURFACE MOUNTED POOL AND POOL STEP LIGHTING

PATENTED

Ø 85,50mm
28,50mm
277mm

LED	: 102 pcs high power SMD LED (5050)
Colour	: RGB
Volt	: 12 VAC
Watt	: 21 W.

Specifications
Internal RGB control with two wire
RGB colour changing with ON/OFF
Fast and slow colour mod
Change and fixed colour
RGB full colour
UV protected Thermal Resin cooled body
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
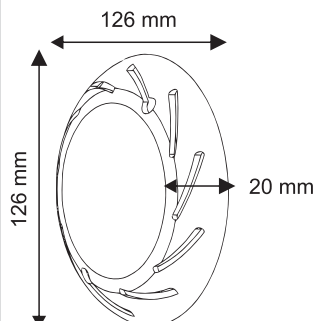No corrossion
Easy installation
Usable in the salt water
Patented product
1 year quaranty

U.V.   CE IP68   CLASS III

PATENTED

AL 4065

MINI DESIGN SURFACE MOUNTED
POOL LIGHTING

ADVANTAGES :
- This lamp can use underwater, pool and pool's steps.
- It has so slim and stylish design.
- Thanks to the thermal resin body is long life work.
- The glass of this product resistant towards to impact and UV protected.
- Easy and simple installation.
- It has high light
- Thermal resin polymer body is resistant towards pool chemicals.
- No corrosion.
- Usable in the salt water
- Recycleable Eco-Friendly materials.

SPECIFICATIONS :
- 15W White and Warm White colours are 1500 lumen
- 15W Blue colour 800 lumen
- 9 RGB 3 chiped full colour LED.
- IP68 CLASS III 12VDC

WHAT IS THE DIFFERENCE OF THERMAL RESIN MATERIAL:
- The thermal resin is high heat transfered a polymer material.
- The thermal resin is a new and High-Tech products with high heat transferred.
- Our patented cooling body eliminates heat generated on the LEDs as the design. Therefore it has much longer life.
- Thanks to the High-Tech body affected by pool chemical.
- The U.V. proteced glasses is not broken and shock resistant towards impact. So the glass do not create a dangerous cutting in the pools.

RGB BULB LUMEN VALUES

AL 4065 RGB

LED Type	: 5050		
LED Pcs	: 42		
		Total MCD	**Lumen**
LED Colour	: 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 chiped full colour High power SMD LED (5050)
Colour	: White, Warm White, Blue, RGB
Lumen	: White, Warm White 1500 lumen Blue 900 lumen, RGB 1200 lumen
Volt	: 12 VDC
Watt	: Single Colour 15W, RGB Colour 9W
Package Pcs	: 36 Pcs.
Package Size	: 41 x 21 x 28 cm
Package Kgs	: 7,30 Kgs.

Specifications
3 Chiped full colour RGB 5050 LED
UV protected Thermal Resin cooled body
High light, long life
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
1 year quaranty

126 mm
126 mm
20 mm

U.V. CE IP68 F CLASS III

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 chiped full colour High power SMD LED (5050)
Colour	: White, Warm White, Blue, RGB
Lumen	: White, Warm White 1500 lumen, Blue 900 lumen, RGB 1200 lumen
Volt	: 12 VDC
Watt	: Single Colour 15W, RGB Colour 9W
Package Pcs	: 36 Pcs.
Package Size	: 41 x 21 x 28 cm
Package Kgs	: 7,30 Kgs.

Specifications
3 Chiped full colour RGB 5050 LED
UV protected white N6 body
High light, long life
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
1 year quaranty

PATENTED

126 mm
126 mm
20 mm

U.V. CE IP68 F CLASS III

PATENTED

AL 4075 LINER

THERMAL RESIN BODY

AL 4075 PIPE

THE POOL LIGHTING FOR LINER POOLS AND JACUZZI

THE POOL LIGHTING ACCORDING TO 63mm PIPES

ADVANTAGES :
- This lamp is designed to be use in the liner pools and jacuzzi.
- We are produce with High-Tech thermal resin polymer to this lamp.
- Thermal resin polymer is transfer the heat to water quickly.
  So the LEDs can work long life.
- Thermal resin polymer body is resistant towards pool chemicals
  of pools and water.
- Easy and simple installation
- Usable in the salt water
- No corrosion.

SPECIFICATIONS :
- 15W. White and Warm White colour is 1500 lumen
- 15W. Blue colour 800 lumen
- 9W. RGB 3 chiped full colour LED.
- IP68 CLASS III 12 VDC

RGB BULB LUMEN VALUES

AL 4075 RGB

		Total MCD	Lumen
LED Type	: 5050		
LED Pcs	: 42		
LED Colour	: Red	21.000	66
	: Green	54.600	175
	: Blue	13.900	45
	: White	89.500	286

WHAT IS THE DIFFERENCE OF THERMAL RESIN MATERIAL:
- The thermal resin is high heat transfered a polymer material.
- The thermal resin is a new and High-Tech products with high heat transferred.
- Our patented cooling body eliminates heat generated on the LEDs as the design.
  Therefore it has much longer life.
- Thanks to the High-Tech body affected by pool chemical.
- The U.V. proteced glasses is not broken and shock resistant towards impact.
  So the glass do not create a dangerous cutting in the pools.

AL 4075-LNR TR/WH

PATENTED

20 mm
126 mm
138 mm

LED Single Colour	: 30 Pcs power SMD LED (5730)
LED RGB Colour	: 42 Pcs 3 chiped 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, long life
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
3 chiped full colour RGB LED
Easy installation
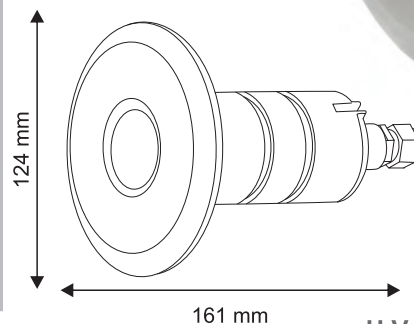Usable in the salt water
2 years quaranty

U.V. ⟳ CE IP68 ⊽ ◈ ⚠ ⚠ **CLASS III**

AL 4075-PP TR/WH

POOL LIGHTING ACCORDING TO 63mm PIPES

20 mm
126 mm
164 mm
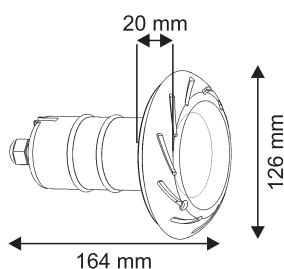
PATENTED

LED Single Colour	: 30 Pcs power SMD LED (5730)
LED RGB Colour	: 42 Pcs 3 chiped 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
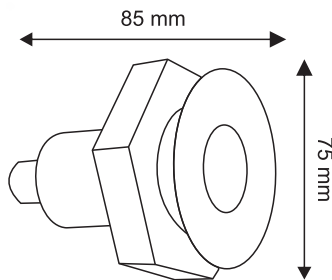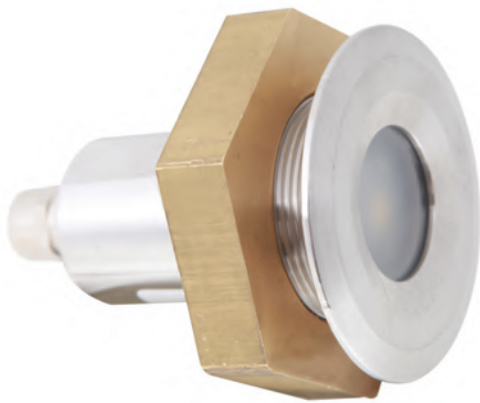According to 63 mm pipes
UV protected Thermal Resin cooled body
High light, long life
Low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
3 chiped full colour RGB LED
Easy installation
Usable in the salt water
2 years quaranty

U.V. ⟳ CE IP68 ⊽ ◈ ⚠ ⚠ **CLASS III**

® **AKER LIGHTING**

AL 4075-LNR SS

LINER POOLS AND JACUZZI LIGHTING

PATENTED

LED	: 3x1W & 3X3W Power LED
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 300 lumen & 660 lumen
Volt	: 12 VDC
Watt	: 3W & 6,6W

Specifications
Flush mounted lighting for liner pools and jacuzzi
High light, long life
Low energy consumption
AISI 316L Stainless steel frame
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
3 chiped full colour RGB LED
Easy installation
Usable in the salt water
2 years quaranty

124 mm

139 mm

U.V. CE IP68 F CLASS III

AL 4075-PP SS

POOL LIGHTING ACCORDING TO 63mm PIPES

LED	: 3x1W & 3X3W Power LED
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 300 lumen & 660 lumen
Volt	: 12 VDC
Watt	: 3W & 6,6W

PATENTED

Specifications
According to 63 mm pipes
UV protected Thermal Resin cooled body
High light, long life
Low energy consumption
AISI 316L Stainless steel frame
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No corrossion
3 chiped full colour RGB LED
Easy installation
Usable in the salt water
2 years quaranty

124 mm

161 mm

U.V. CE IP68 F CLASS III

AKER LIGHTING

AL 3125

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)
	550 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
IP 68 protected
Simple installation for liner pools and jacuzzi
2 years quaranty

85 mm

75 mm

CE IP68 F CLASS III

AL 3135

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)
	1600 lumen (12W)
Volt	: 12 VDC
Watt	: 3W / 6,6W / 12W

Specifications
AISI 316L Stainless steel body
Brass Nut
Tempered glass
IP 68 protected
Simple installation for liner pools and jacuzzi
2 years quaranty

100 mm

95 mm

CE IP68 F CLASS III

AKER LIGHTING

AL 3095 — 1x1W / 1x3W / 1x4W POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING
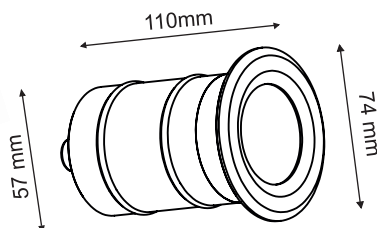
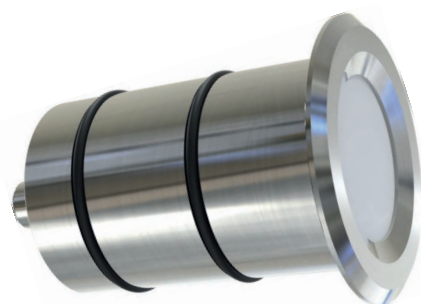|	
LED	: 1X1W & 1X3W Power LED 1X4W High Power LED

Colour	: White, Warm White, Blue, Green,
	  Red, Amber (1X1W & 1X3W)
	  White, Warm White, Blue (1X4W)

Lumen	: 100 lumen (1W)
	  220 lumen (2,2W)
	  550 lumen (4W)

Volt	: 5 VDC - 1X4W 12 VDC - 1X1W & 1X3W
Watt	: 1W / 2,2W / 4W

50 mm
70 mm
30 mm

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

U.V.   CE   IP68   F   CLASS III

AL 3085 — 3x1W / 3x3W / 3x4 POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING

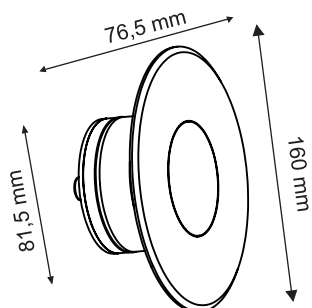|	
LED	: 3X1W & 3X3W Power LED 3X4W High Power LED

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)
	  1600 lumen (12W)

Volt	: 12 VDC
Watt	: 3W / 6,6W / 12W

75,5 mm
80 mm
40 mm

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

U.V.   CE   IP68   F   CLASS III

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

101 mm
50 mm
35,5 mm
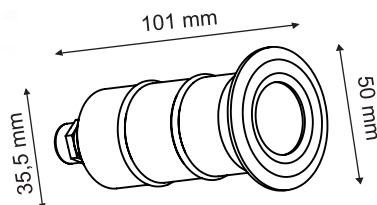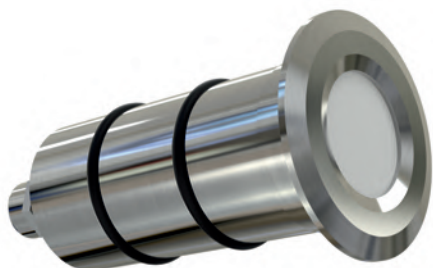
U.V. CE IP68 CLASS III

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)
	550 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 3185 — 3x1W / 3x3W / 3x4 POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING

110mm
74 mm
57 mm

U.V. CE IP68 CLASS III

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)
	1600 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

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

76,5 mm
160 mm
81,5 mm

U.V. CE IP68 CLASS III

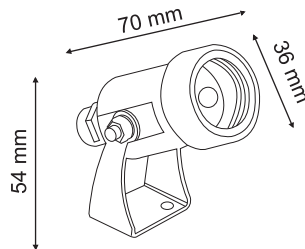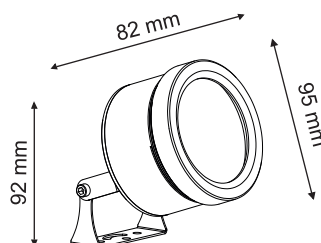| LED | : 6X1W & 6X3W Power LED |
	8X4W High Power LED
Colour	: White, Warm White,Blue, Green, Red,
	Amber, RGB (6X1W & 6X3W options)
	White, Warm White, Blue, (8X4W option)
	RGBW (8X4W option)
Lumen	: 600 lumen (6W)
	1320 lumen (13,2W)
	4500 lumen (32W) (Only 24V.)
Volt	: 12 VDC
Watt	: 6W / 13,2W / 32W

Specifications
AISI 316L quality stainless steel
According to 90 mm pipes (10 ATM)
Tempered glass
Silicon gasket
RGB and RGBW full colour,
Underwater and underground lighting

AKER LIGHTING

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

70 mm
36 mm
54 mm

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)
	550 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 CLASS III

AL 2041 — 3x1W / 3x3W / 3x4 POWER LED UNDERWATER STAINLESS STEEL POOL LIGHTING

80 mm
55 mm
78 mm

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)
	1600 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 CLASS III

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

82 mm
95 mm
92 mm

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)
	4500 lumen (32W) (Only 24V.)
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 CLASS III

AL S1612

STAINLESS STEEL UNDERWATER LIGHTING
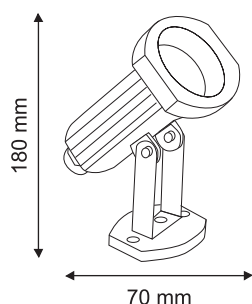
Bulb	: G5.3 socket
Colour	: Chrome
Volt	: 12V 50W
Package	: 10 Pcs.

180 mm

70 mm

CE IP68 F CLASS III

Specifications
AISI Stainless Steel Body
Surface mounted

AL S3625

12X1W / 12X3W / 18X4W SURFACE MOUNTED UNDERWATER LIGHTING
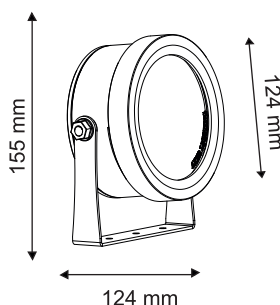
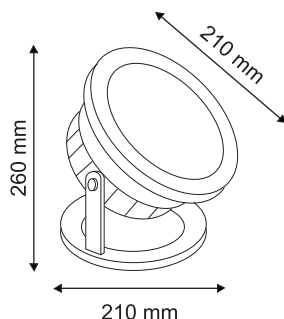|	
LED	: 12X1W & 12X3W Power LED
	18X4W 3535 High Power LED
Colour	: White, Warm White, Blue, Green,
	Red, Amber, RGB (12X1W & 12X3W)
	White, Warm White, Blue, RGBW (18X4W)
Lumen	: 1200 lumen & 2640 lumen (12W & 26,4W)
	: 10080 lumen (72W)
Volt	: 12 VDC / 24VDC
Watt	: 12W / 26,4W / 72W

155 mm

124 mm

124 mm

CE IP68 F CLASS III

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

AL 3105

24X1W / 24X3W / 32X4W POWER LED STAINLESS STEEL UNDER WATER 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 / 24VDC
Watt	: 24W / 52,8W / 128W

260 mm

210 mm

210 mm

CE IP68 F CLASS III

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

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 color 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.

CODE	WATT	LED COLOUR	LUMEN	VOLT	LENS OPTIONS
AL 2061	6X4W	White (6000K)	3360	12V or 24V Options	10°-30°-50°-110° Lens Options
		Warm White (3000K)	3360		
		Day Light (4000K)	3360		
		Blue	1260		
		-	-		
AL 2071	8X4W	White (6000K)	4480		
		Warm White (3000K)	4480		
		Day Light (4000K)	4480		
		Blue	1680		
		RGBW	W: 1200, R: 400 G: 960, B: 240		
AL 2081	18X4W	White (6000K)	10080		
		Warm White (3000K)	10080		
		Day Light (4000K)	10080		
		Blue	3780		
		RGBW	W: 2700, R:900 G: 2160, B: 540		

RGBW +white

2 YEAR WARRANTY

AL 2061

⌀ 109,00mm

30,00mm
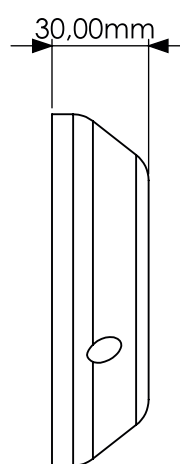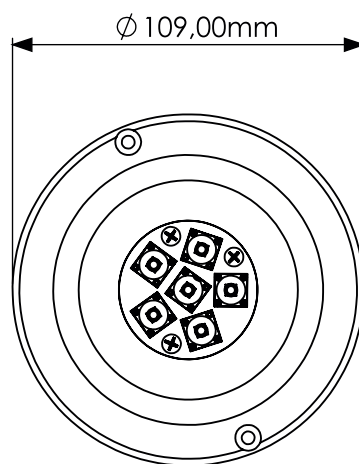
PRODUCT CODE	WATT	LED COLOUR	LUMEN	VOLT	LENS ANGLE
AL 2061	6X4W	White (6000K)	4480	12V or 24V Options	10°-30°-50°-110° Lens Options
		Warm White (3000K)	4480		
		Day Light (4000K)	4480		
		Blue	1680		

SPECIFICATIONS

IP68	316L STAINLESS STEEL			LM80	SAMSUNG LED	CONSTANT CURRENT
5mm. TEMPERED GLASS		2M CABLE LENGHT	CABLE INCL	max 5m.	III	U.V.	♻	CE

AKER LIGHTING
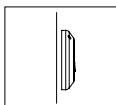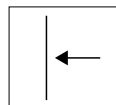
AL 2071

8X4W SURFACE MOUNTED POOL LIGHTIN

Ø 139,00mm

30,00mm
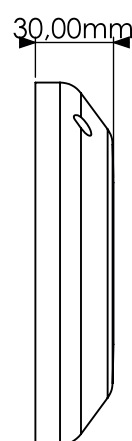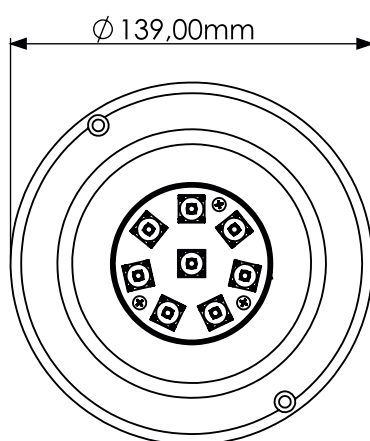
PRODUCT CODE	WATT	LED COLOUR	LUMEN	VOLT	LENS ANGLE
AL 2071	8X4W	White (6000K)	4480	12V or 24V Options	10°-30°-50°-110° Lens Options
		Warm White (3000K)	4480		
		Day Light (4000K)	4480		
		Blue	1680		
		RGBW	W: 1200, R: 400 G: 960, B: 240		

SPECIFICATIONS

IP68	316L STAINLESS STEEL			LM80	SAMSUNG LED	CONSTANT CURRENT	RGBW +white
5mm. TEMPERED GLASS		2M CABLE LENGHT	CABLE INCL	max 5m.	III	U.V.	CE

AL 2081

Ø 179,00mm

30,00mm

PRODUCT CODE	WATT	LED COLOUR	LUMEN	VOLT	LENS ANGLE
AL 2081	18X4W	White (6000K)	10080	12V or 24V Options	10°-30°-50°-110° Lens Options
		Warm White (3000K)	10080		
		Day Light (4000K)	10080		
		Blue	3780		
		RGBW	W: 2700 R: 900 G: 2160, B: 540		

SPECIFICATIONS
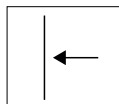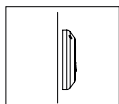
IP68	316L STAINLESS STEEL			LM80	SAMSUNG LED	CONSTANT CURRENT	RGBW +white
5mm. TEMPERED GLASS		2M CABLE LENGHT	CABLE INCL	max 5m.	III	U.V.	♻ CE

AL 2075

STAINLESS STEEL CASE, BODY AND FRAME FLUSH MOUNTED UNDERWATER LIGHTING

AL 2065
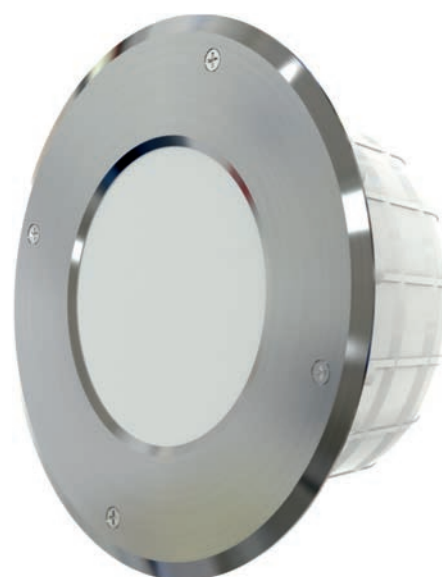
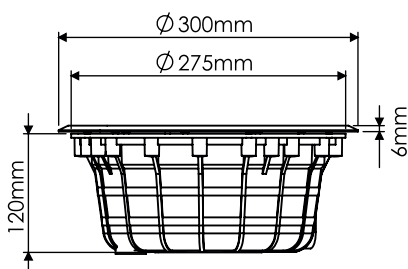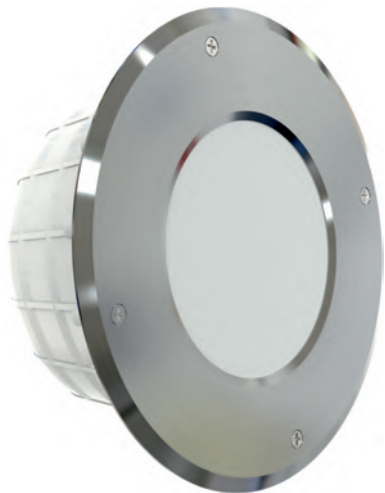## STAINLESS STEEL BODY AND FRAME, ABS PLASTIC CASE,FLUSH MOUNTED UNDERWATER LIGHTING

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.
- Use up to 5 m. depth.
- RNF waterproof cable.
- It can be used underwater.
- 2 years quaranty

LED COLOUR	LUMEN	WAVELENGHT	WATT	VOLT	LENS ANGLE
32x4 White	14400	6000-6500K	128W	12V	10°-30°-50°-80°
32x4 Warm White	14400	3000-3300K	128W	12V	10°-30°-50°-80°
32x4 Blue	6720	470nm	128W	12V	10°-30°-50°-80°
32x4 RGBW	11200		128W	12V	10°-30°-50°-80°
24X1 White	2400	6000-6500K	24W	12V	10°-30°-50°-80°
24x1 Warm White	2400	3000-3300K	24W	12V	10°-30°-50°-80°
24x1 Blue	400	470nm	24W	12V	10°-30°-50°-80°
24x1 Green	700	530nm	24W	12V	10°-30°-50°-80°
24x1 Red	660	630nm	24W	12V	10°-30°-50°-80°
24x1 Amber	660	509nm	24W	12V	10°-30°-50°-80°
24X3 White	5260	6000-6500K	72W	12V	10°-30°-50°-80°
24x3 Warm White	5260	3000-3300K	72W	12V	10°-30°-50°-80°
24x3 Blue	1140	470nm	72W	12V	10°-30°-50°-80°
24x3 Green	2000	530nm	72W	12V	10°-30°-50°-80°
24x3 Red	1980	630nm	72W	12V	10°-30°-50°-80°
24x3 Amber	1980	509nm	72W	12V	10°-30°-50°-80°
24x3 RGB	2630		72W	12V	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)
	5260 lumen (24x3W)
	14400 lumen (32x4W)
Volt	: 12 VDC
Watt	: 24x1 W & 24x3 W
	32x4W
Package	: 10 Pcs

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

∅ 300mm
∅ 275mm
120mm
6mm

U.V. CE IP68 F △ △ max 5m **CLASS III**

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)
	5260 lumen (24x3W)
	14400 lumen (32x4W)
Volt	: 12 VDC
Watt	: 24x1 W & 24x3 W
	32x4W
Package	: 10 Pcs

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

∅ 272mm
9mm
96mm
37,5mm
∅ 220,00mm

U.V. CE IP68 F △ △ max 5m **CLASS III**

AL 2015

STAINLESS STEEL LINEAR & WALLWASHER
## UNDERWATER LIGHTING
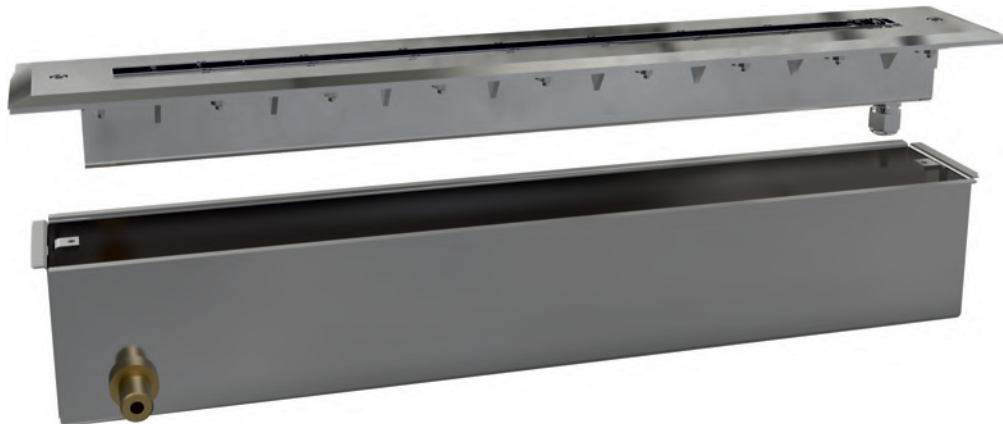
ADVANTAGES :
- Flush mounted into the walls or the floor.
- Body, case and secure connection in stainless steel AISI 316L
- Easy temperature reduction thanks to the cooling metal in the body. High power LEDs
- Tempered impact resistant glass.
- Polycarbonate lenses.
- Use up to 5 m. depth.
- RNF waterproof cable.
- It can be used underwater.
- 2 years quaranty

FEATURES :
- 12x3W - 18x3W - 36x3W - 24x4W - 36x4W - 72x4W Single colour LEDs.
- 12x3W - 18x3W - 36x3W - 24x4W - 36x4W - 72x4W RGB or RGBW Full colour LEDs.
- IP68 CLASS III 12 VDC

AL 2015-420 SS
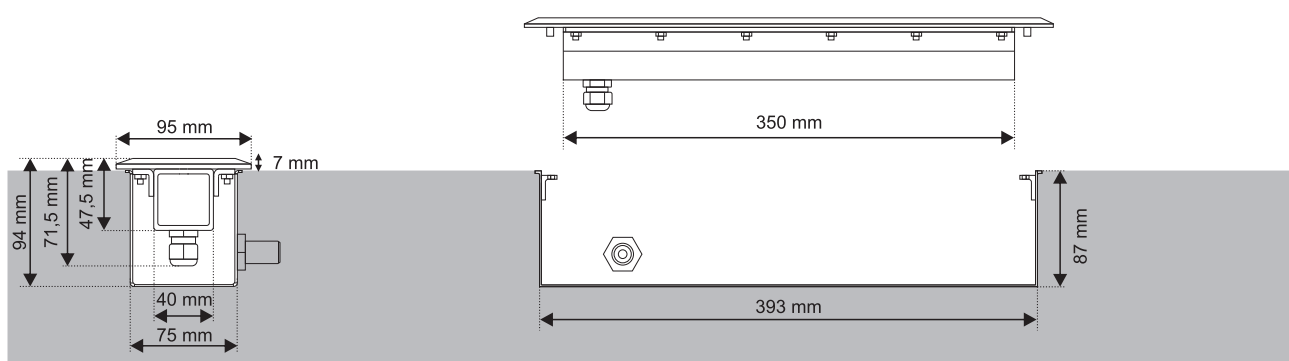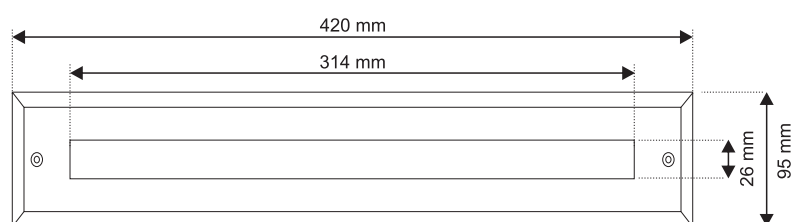
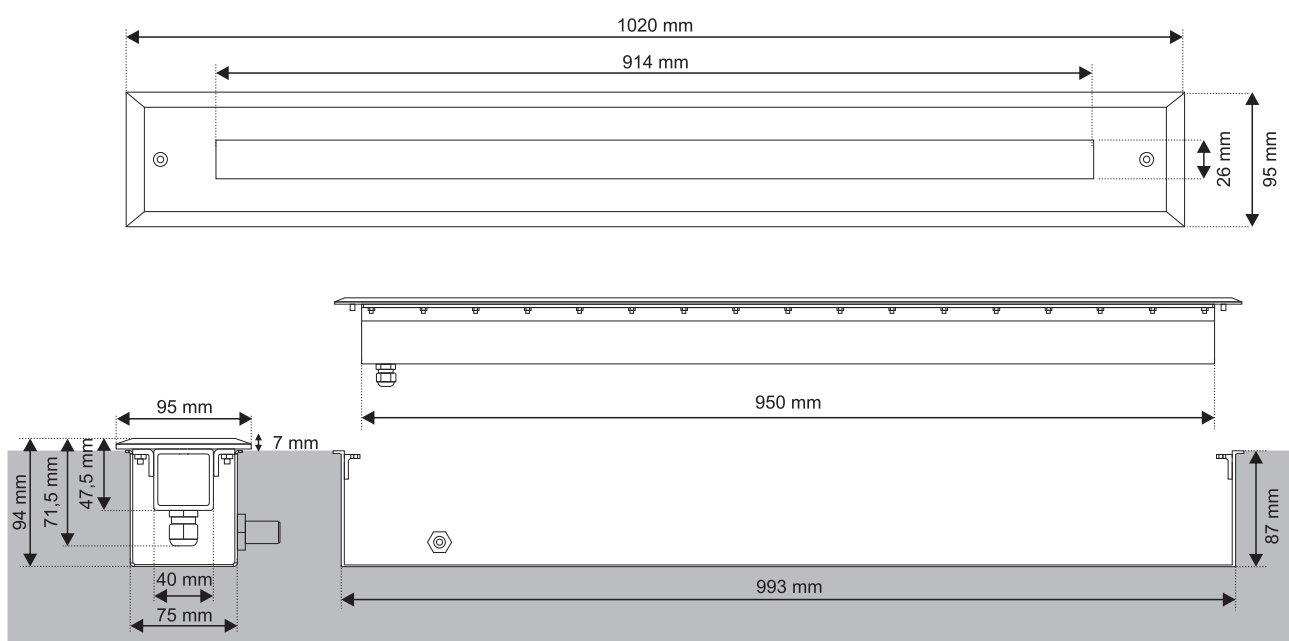| PRODUCT CODE	WATT	LED COLOUR	LUMEN	VOLT	LENS ANGLE
AL 2015-420 SS	24X4W	White (6000K)	13440	12V DC	10°-30°-50°-110° Lens Options
		Warm White (3000K)	13440		
		Day Light (4000K)	13440		
		Blue	5040		
		RGBW	W: 3600 R: 1200 G: 2880, B: 720		

Specifications
• Body and case in AISI 316L stainless steel • Tempered glass shock resistant • Stainless steel P9G cable connector • No corrosion due to water
• RNF cable 3m • Use until 5 m • White, Warm White, Day Light, Blue colours • RGB or RGBW Full colour • 2 years quaranty

U.V. CE IP68 max 5m CLASS III

48

AKER LIGHTING

AL 2015-570 SS

570 mm
464 mm
26 mm
95 mm

95 mm
7 mm
503 mm
94 mm
71,5 mm
47,5 mm
40 mm
75 mm
87 mm
543 mm
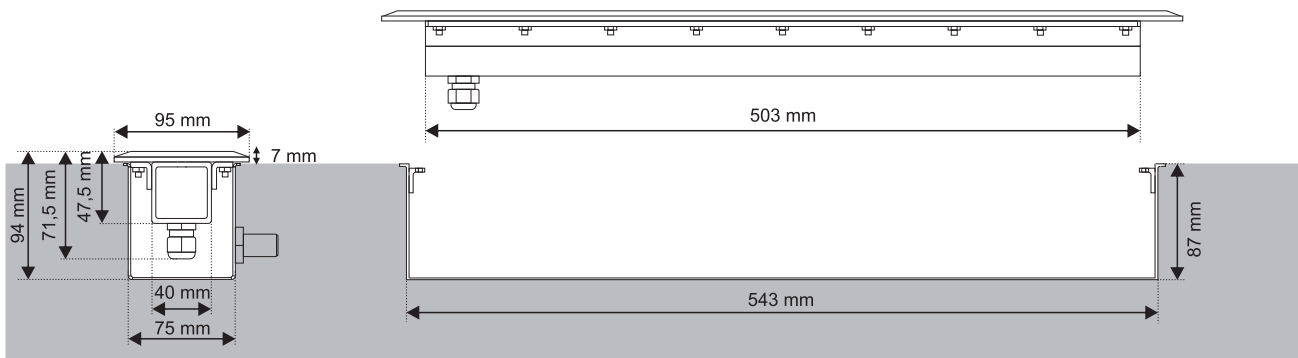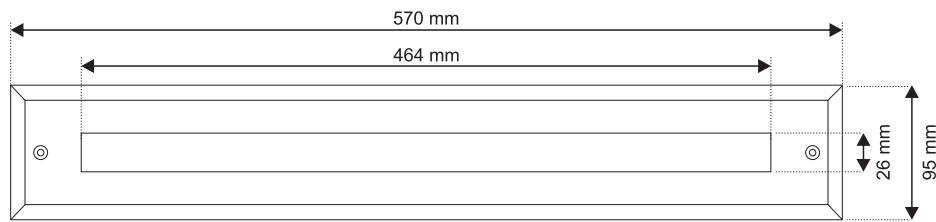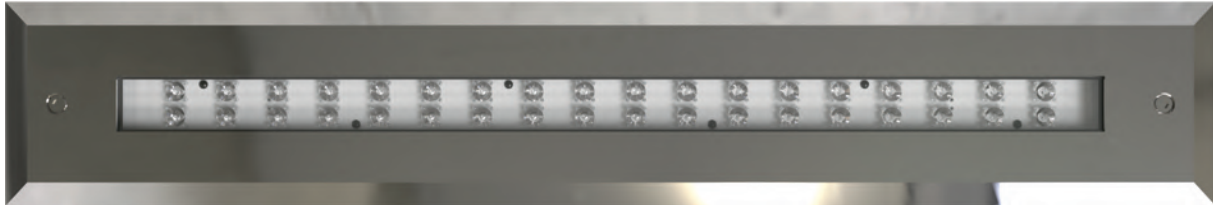
| PRODUCT CODE	WATT	LED COLOUR	LUMEN	VOLT	LENS ANGLE
AL 2015-570 SS	36X4W	White (6000K)	20160	12V DC	10°-30°-50°-110° Lens Options
		Warm White (3000K)	20160		
		Day Light (4000K)	20160		
		Blue	7560		
		RGBW	W: 5400 R: 1800 G: 4320, B: 1080		

Specifications
• Body and case in AISI 316L stainless steel • Tempered glass shock resistant • Stainless steel P9G cable connector • No corrosion due to water
• RNF cable 3m • Use until 5 m • White, Warm White, Day Light, Blue colours • RGB or RGBW Full colour • 2 years quaranty

U.V. CE IP68 CLASS III

AL 2015-1020 SS

1020 mm
914 mm
26 mm
95 mm

95 mm
7 mm
94 mm
71,5 mm
47,5 mm
40 mm
75 mm
950 mm
87 mm
993 mm

PRODUCT CODE	WATT	LED COLOUR	LUMEN	VOLT	LENS ANGLE
AL 2015-1020 SS	72X4W	White (6000K)	40320	12V DC	10°-30°-50°-110° Lens Options
		Warm White (3000K)	40320		
		Day Light (4000K)	40320		
		Blue	15120		
		RGBW	W: 10800 R: 3600 G: 8640 B: 2160		

Specifications
- Body and case in AISI 316L stainless steel • Tempered glass shock resistant • Stainless steel P9G cable connector • No corrosion due to water
- RNF cable 3m • Use until 5 m • White, Warm White, Day Light, Blue colours • RGB or RGBW Full colour • 2 years quaranty

U.V.   CE   IP68   max 5m   CLASS III

AKER LIGHTING

AL 4021-H POWER
6X1W / 6X3W SURFACE MOUNTED THERMAL RESIN LIGHTING
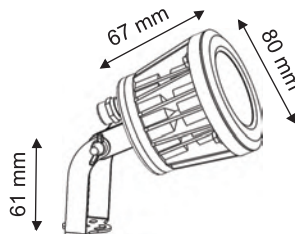
105 mm
185 mm
70 mm
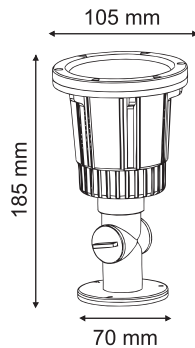
LED	: 6X1W & 6X3W Power LED
Colour	: White, Warm White,Blue, Green, Red, Amber, RGB (6X1W & 6X3W options) Red, Amber, RGB
Lumen	: 600 lumen (6W) 1320 lumen (13,2W)
Volt	: 12 VDC
Watt	: 6W / 13,2W

Specifications
Tempered glass
RGB full colour
Surface mounted underwater lighting

U.V. CE IP68 CLASS III

AL 4211-H POWER
3X1W / 3X3W SURFACE MOUNTED POWER LED THERMAL RESIN POOL LIGHTING

67 mm
80 mm
61 mm

LED	: 3X1W & 3X3W Power LED
Colour	: White, Warm White,Blue, Green, Red, Amber, RGB (3X1W & 3X3W options) Red, Amber, RGB
Lumen	: 300 lumen (3W) 660 lumen (6,6W)
Volt	: 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. CE IP68 CLASS III

AL 4231-H POWER
9X1W / 9X3W SURFACE MOUNTED POWER LED THERMAL RESIN POOL LIGHTING

79 mm
153 mm
61 mm
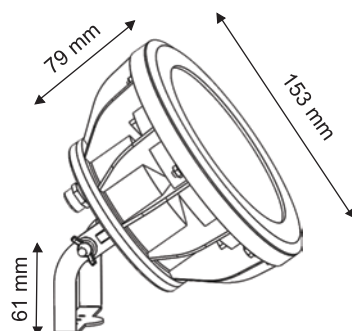
LED	: 9X1W & 9X3W Power LED
Colour	: White, Warm White,Blue, Green, Red, Amber, RGB (9X1W & 9X3W options) Red, Amber, RGB
Lumen	: 900 lumen (9W) 1980 lumen (19,8W)
Volt	: 12 VDC
Watt	: 9W / 19,8W

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

U.V. CE IP68 CLASS III

AL 4251-H POWER — 12X1W / 12X3W SURFACE MOUNTED POWER LED THERMAL RESIN POOL LIGHTING
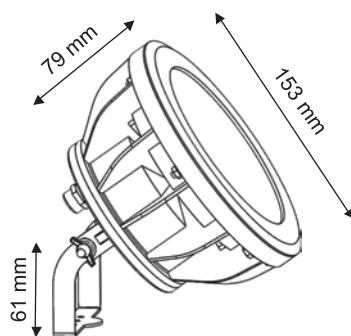
LED	: 12X1W & 12X3W Power LED
Colour	: White, Warm White,Blue, Green, Red, Amber, RGB (12X1W & 12X3W options) Red, Amber, RGB
Lumen	: 1200 lumen (12W) 2640 lumen (26,4W)
Volt	: 12 VDC
Watt	: 12W / 26,4W

79 mm · 153 mm · 61 mm

U.V. CE IP68 F CLASS III

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

Turkey

THERMAL RESIN FOUNTAIN LED LIGHTING
AISI 316L STAINLESS STEEL EQUIPMENT

AL 4085
UNDERWATER FOUNTAIN LIGHTING

AL 4095
UNDERWATER FOUNTAIN LIGHTING

AL 4105
DRY LAND FOUNTAIN LIGHTING

ADVANTAGE

- This lamp is designed to be use in the fountain pools
- Low energy consumption
- Thermal Resin Polymer is transfer the heat of body thanks to poultry partitions to water quickly. So the LEDs can work long life.
- The all metal equipments is AISI 316L Stainless Steel.
- The glass is U.V. protected and resistant towards to impact.
- The stainless steel product has tempered glass.
- All products are corrosion resistant.
- Easy and simple installation.
- The products is according to 1" and 1.5" pipes.
- RGB and RGBW LEDs are full colour.
- AISI 316L quality stainless steel cover.
- Recycleable Eco-Friendly materials.
- 2 years quaranty.

SPECIFICATIONS

WATT	LED COLOUR	LUMEN
12W	12x1 White	1200
12W	12x1 Warm White	1200
12W	12x1 Blue	360
12W	12x1 Green	960
12W	12x1 Red	600
12W	12x1 Amber	600
36W	12x3 White	2640
36W	12x3 Warm White	2640
36W	12x3 Blue	600
36W	12x3 Green	2160
36W	12x3 Red	960
36W	12x3 Amber	960
36W	12x3 RGB	1320

WATT	LED COLOUR	LUMEN
18W	18x1 White	1800
18W	18x1 Warm White	1800
18W	18x1 Blue	540
18W	18x1 Green	1440
18W	18x1 Red	900
18W	18x1 Amber	900
54W	18x3 White	3960
54W	18x3 Warm White	3960
54W	18x3 Blue	1080
54W	18x3 Green	3240
54W	18x3 Red	1440
54W	18x3 Amber	1440
54W	18x3 RGB	1980

WAVELENGHT	VOLT	LENS ANGLE
6000-6500K	12V	10°-30°-50°-80°
3000-3300K	12V	10°-30°-50°-80°
470nm	12V	10°-30°-50°-80°
530nm	12V	10°-30°-50°-80°
630nm	12V	10°-30°-50°-80°
509nm	12V	10°-30°-50°-80°
6000-6500K	12V	10°-30°-50°-80°
3000-3300K	12V	10°-30°-50°-80°
470nm	12V	10°-30°-50°-80°
530nm	12V	10°-30°-50°-80°
630nm	12V	10°-30°-50°-80°
509nm	12V	10°-30°-50°-80°
	12V	10°-30°-50°-80°

AL 4085 (12X1W & 12X3W)

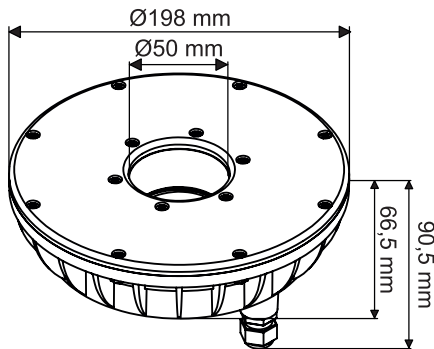### UNDERWATER FOUNTAIN LIGHTING
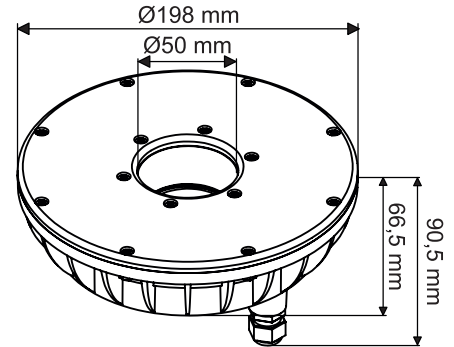
Ø198 mm
Ø50 mm
90,5 mm
66,5 mm

Specifications
12x1W, 12x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
12x3W (RGB) full colour LED
Thermal Resin Body
Full PC glass is resistant special towards UV and impact
Stainless Steel PG9 cable gland
All metal equipments are AISI 316L Stainless Steel
Low energy consumption
Recycleable Eco-Friendly materials
No corrossion
Easy installation
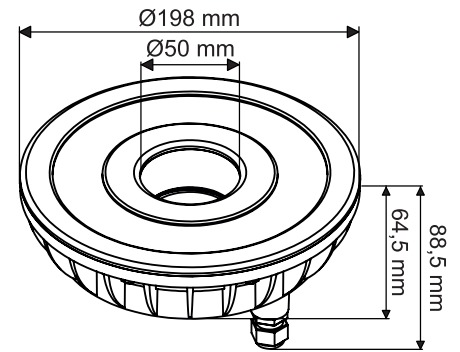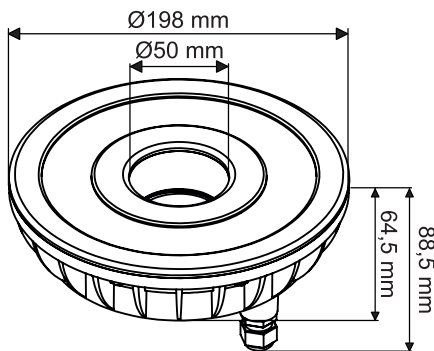Usable in the salt water
2 years quaranty

U.V. CE IP68 F CLASS III

AL 4085 (18X1W & 18X3W)

UNDERWATER FOUNTAIN LIGHTING

Ø198 mm
Ø50 mm
90,5 mm
66,5 mm

Specifications
18x1W, 18x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
18x3W (RGB) full colour LED
Thermal Resin Body
Full PC glass is resistant special towards UV and impact
Stainless Steel PG9 cable gland
All metal equipments are AISI 316L Stainless Steel
Low energy consumption
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
2 years quaranty

U.V. CE IP68 F CLASS III

AL ®
AKER LIGHTING

AL 4095 (12X1W & 12X3W)

UNDERWATER FOUNTAINLIGHTING

Ø198 mm
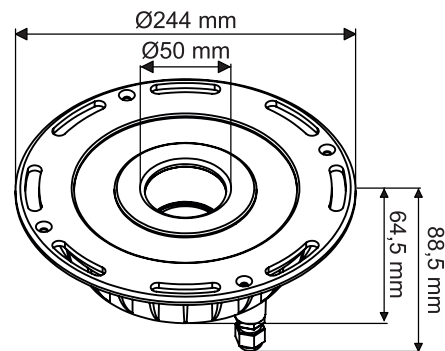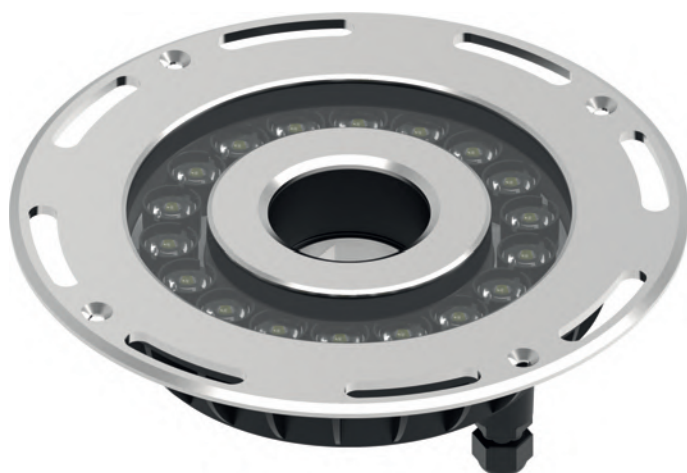Ø50 mm
88,5 mm
64,5 mm

Specifications
12x1W, 12x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
12x3W (RGB) full colour LED
Thermal Resin Body
Tempered glass
AISI 316L Stainless Steel Frame
Stainless Steel PG9 cable gland
All metal equipments are AISI 316L Stainless Steel
Low energy consumption
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
2 years quaranty

U.V. CE IP68 F CLASS III

AL 4095 (18X1W & 18X3W)

UNDERWATER FOUNTAIN LIGHTING

Ø198 mm
Ø50 mm
88,5 mm
64,5 mm

Specifications
18x1W, 18x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
18x3W (RGB) full colour LED
Thermal Resin Body
Tempered glass
AISI 316L Stainless Steel Frame
Stainless Steel PG9 cable gland
All metal equipments are AISI 316L Stainless Steel
Low energy consumption
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
2 years quaranty

U.V. CE IP68 F CLASS III

AL 4105 (12X1W & 12X3W)   DRY LAND FOUNTAIN LIGHTING
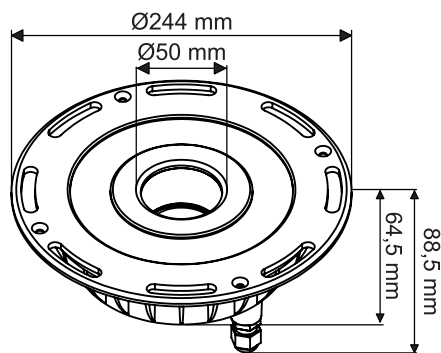
Ø244 mm
Ø50 mm
88,5 mm
64,5 mm

Specifications
12x1W, 12x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
12x3W (RGB) full colour LED
The LED Fountain Lighting for Dry Land
AISI 316L Stainless Steel Frame
Thermal Resin Body
Tempered glass
Stainless Steel PG9 cable gland
All metal equipments are AISI 316L Stainless Steel
Low energy consumption
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
2 years quaranty

U.V.   CE   IP68   CLASS III

AL 4105 (18X1W & 18X3W)   DRY LAND FOUNTAIN LIGHTING

Ø244 mm
Ø50 mm
88,5 mm
64,5 mm

Specifications
18x1W, 18x3W (White, Warm White, Blue, Green, Red, Amber Colour) Power LED
18x3W (RGB) full colour LED
The LED Fountain Lighting for Dry Land
AISI 316L Stainless Steel Frame
Thermal Resin Body
Tempered glass
Stainless Steel PG9 cable gland
All metal equipments are AISI 316L Stainless Steel
Low energy consumption
Recycleable Eco-Friendly materials
No corrossion
Easy installation
Usable in the salt water
2 years quaranty

U.V.   CE   IP68   CLASS III

IP68
WATERPROOF CABLE CONNECTOR

THE WATERPROOF GRADE IS IP68 TO ACHIEVE
REAL WATERPROOF

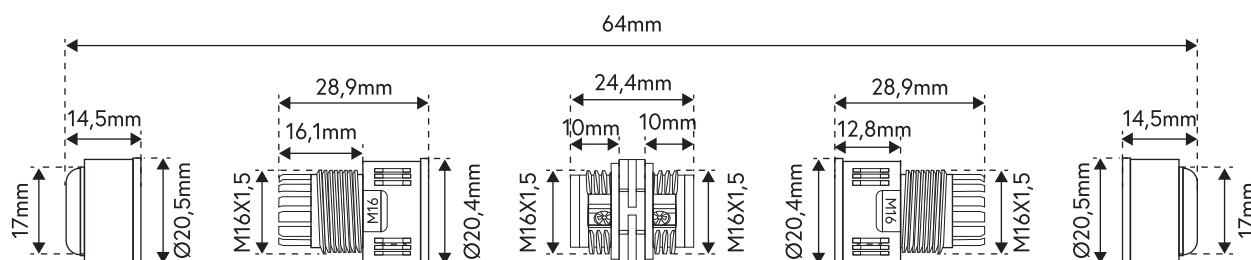Used for waterproof within 3M water depth.

AL WPCM16-3P

Dimension	: M16
Cores	: 3P
Volt	: 400V
Current	: 7,5A
Cable Range	: 3- 6,5mm
Box Pcs	: 40 pcs.

Specifications
PA66 material flame retardant,
Double waterproof inside and outside glue,
Good waterproof effect,
Used for waterproof within 3M water depth,
The waterproof grade is IP68 to achieve real waterproof

U.V.　♻　CE　IP68　F　◇　▲　▲　CLASS III

64mm

14,5mm　28,9mm　24,4mm　28,9mm　14,5mm
17mm　Ø20,5mm　16,1mm　M16　Ø20,4mm　10mm　10mm　M16X1,5　Ø20,4mm　12,8mm　M16　M16X1,5　Ø20,5mm　17mm
M16X1,5　M16X1,5

AL WPCM20-3P

Dimension	: M20
Cores	: 3P
Volt	: 400V
Current	: 7,5A
Cable Range	: 5 - 8mm
Box Pcs	: 24 pcs.

Specifications
PA66 material flame retardant,
Double waterproof inside and outside glue,
Good waterproof effect,
Used for waterproof within 3M water depth,
The waterproof grade is IP68 to achieve real waterproof

U.V.　♻　CE　IP68　F　◇　▲　▲　CLASS III

84mm

18mm　35,8mm　34,6mm　35,8mm　18mm
22,2mm　Ø25mm　M20X1,5　M20　Ø24,1mm　14mm　14mm　M20X1,5　M20X1,5　Ø24,1mm　18,6mm　M20　M20X1,5　Ø25mm　22,2mm
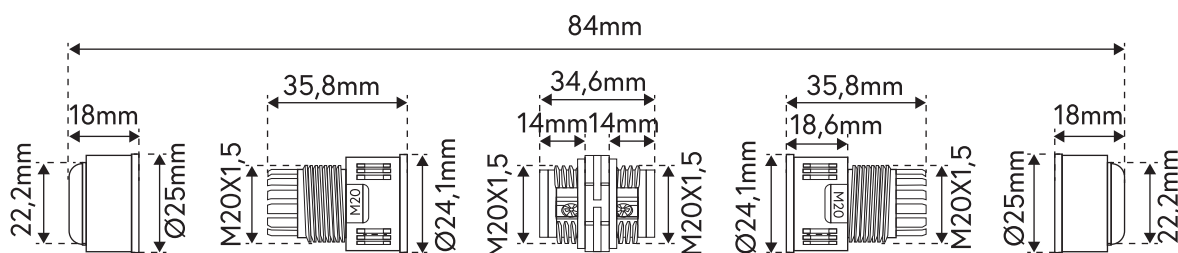
AL WPCM25-5P
5 CORES IP68 CONNECTOR

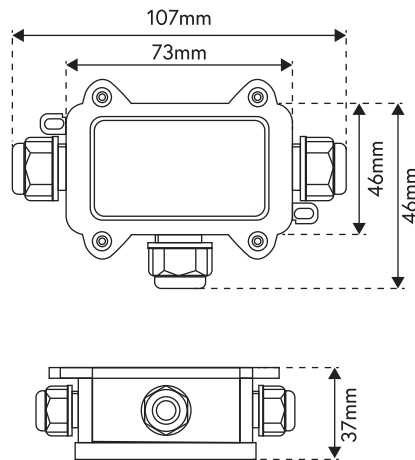|	
Dimension	: M25
Cores	: 5P
Volt	: 400V
Current	: 7,5A
Cable Range	: 5- 8mm
Box Pcs	: 15 pcs.

Specifications
PA66 material flame retardant,
Double waterproof inside and outside glue,
Good waterproof effect,
Used for waterproof within 3M water depth,
The waterproof grade is IP68 to achieve real waterproof

U.V. CE IP68 CLASS III

95mm
21,9mm 43mm 33,3mm 14mm 14mm 43mm 19,2mm 21,9mm
26,4mm Ø30,5mm M25X1,5 M16 Ø30,9mm M25X1,5 M16X1,5 Ø30,9mm M16 M25X1,5 Ø30,5mm 26,4mm
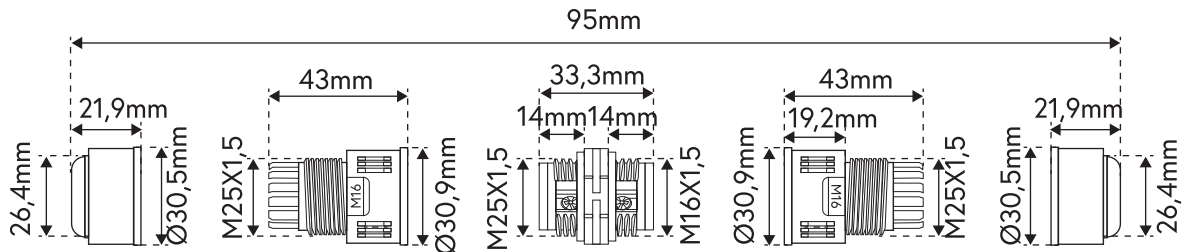
AL WPCM25T-5P
5 CORES IP68 T CONNECTOR

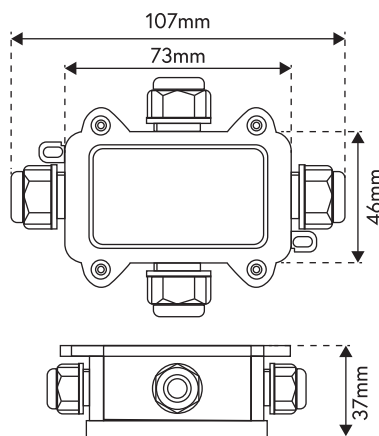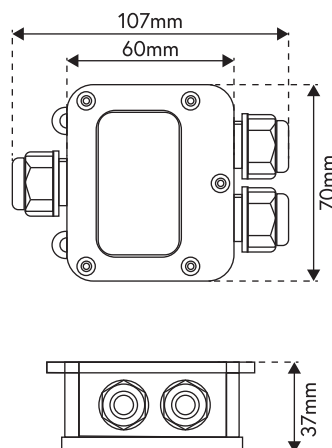|	
Dimension	: M25
Cores	: 5P
Volt	: 400V
Current	: 7,5A
Cable Range	: 5 - 8mm
Box Pcs	: 5 pcs.

Specifications
PA66 material flame retardant,
Double waterproof inside and outside glue,
Good waterproof effect,
Used for waterproof within 3M water depth,
The waterproof grade is IP68 to achieve real waterproof

U.V. CE IP68 CLASS III

91,5mm 28mm 14,2mm 27mm 96,5mm
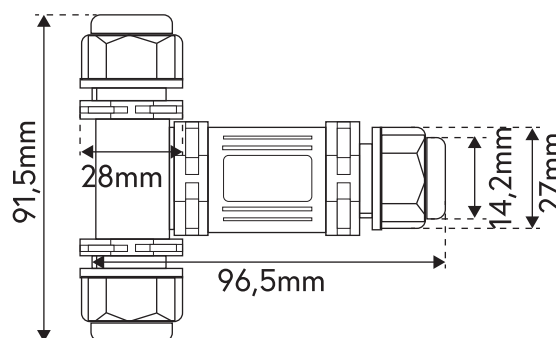
AL WPJS-3T
IP68 3-WAY JUNCTION BOX

107mm
73mm
46mm
46mm
37mm

Model	: 3T
Cores	: 3P
Volt	: 400V
Current	: 7,5A
Cable Range	: 5- 8mm
Box Pcs	: 16 pcs.

Specifications
PA66 material flame retardant,
Double waterproof inside and outside glue,
Good waterproof effect,
Used for waterproof within 3M water depth,
The waterproof grade is IP68 to achieve real waterproof

U.V. CE IP68 CLASS III

AL WPJS-4T
IP68 4-WAY JUNCTION BOX

107mm
73mm
46mm
37mm

Model	: 4T
Cores	: 5P
Volt	: 450V
Current	: 24A
Cable Range	: 5- 8mm
Box Pcs	: 16 pcs.

Specifications
PA66 material flame retardant,
Double waterproof inside and outside glue,
Good waterproof effect,
Used for waterproof within 3M water depth,
The waterproof grade is IP68 to achieve real waterproof

U.V. CE IP68 CLASS III

AL WPJL-3T
IP68 3-WAY JUNCTION BOX

107mm
60mm
70mm
37mm

Model	: 3T
Cores	: 3P
Volt	: 450V
Current	: 24A
Cable Range	: 9- 12mm
Box Pcs	: 16 pcs.

Specifications
PA66 material flame retardant,
Double waterproof inside and outside glue,
Good waterproof effect,
Used for waterproof within 3M water depth,
The waterproof grade is IP68 to achieve real waterproof

U.V. CE IP68 CLASS III

AL TC01-RGB — RGB TOUCH CONTROLLER

Input Volt	: DC 12V - 24V
Output Volt	: 12V:<288W, 24V:<576W
Power	: 6Ax3
Output	: 3 Channel

Specifications
- RF remote touch control with 5 functions, 1 color ring, and a central color sense lamp.
- 128-level color ring with full-touch buttons.
- Supports color changing and brightness dimming.
- Wide voltage range: DC12V-24V with reverse polarity protection.
- 9 modes: 7 dynamic modes, with adjustable brightness and speed.
- RJ45 connector enables synchronization across multiple controllers and long LED strip setups.

IP20 F CLASS III

AL TC02-RGBW — RGBW TOUCH CONTROLLER

Input Volt	: DC 12V - 24V
Output Volt	: 12V:<288W, 24V:<576W
Power	: 6Ax4
Output	: 4 Channel

Specifications
- RF remote touch control with 5 functions, 1 color ring, and a central color sense lamp.
- Music Control Mode
- 128-level color ring with full-touch buttons.
- Supports color changing and brightness dimming.
- Wide voltage range: DC12V-24V with reverse polarity protection.
- 9 modes: 2 static white and 7 dynamic modes, with adjustable brightness and speed.
- RJ45 connector enables synchronization across multiple controllers and long LED strip setups.

IP20 F CLASS III

AL TC03-DIMMER — DIM TOUCH CONTROLLER

Input Volt	: DC 12V - 24V
Output Volt	: 12V:<216W, 24V:<432W
Power	: 6Ax3
Output	: 3 Channel

Specifications
- RF remote touch control with 1 color ring.
- Supports color changing and brightness dimming.
- Wide voltage range: DC12V-24V with reverse polarity protection.
- 3 dynamic modes, with adjustable brightness and speed.
- RJ45 connector enables synchronization across multiple controllers and long LED strip setups.

IP20 F CLASS III

AL RGBW/RGB POWER UNIT — AMPLIFIER

Input Volt	: DC 12V - 24V
Output Volt	: 12V - 24V
Power (RGBW)	: 4x27,5A 1320W-12V (Four Channel) 4x27,5A 2640-24V (Four Channel)
Power (RGB)	: 3x27,5A 990W-12V (Three Channel) 3x27,5A 1980-24V (Three Channel)

Specifications
- DC 12V - 24V input and provides matching 12V - 24V output.
- Delivers 1320W at 12V and 2640W at 24V for RGBW; 990W at 12V and 1980W at 24V for RGB.
- 4 channels for RGBW and 3 channels for RGB ensure flexible and efficient lighting control.
- Durable aluminum casing provides effective heat dissipation for long-lasting performance.
- Designed for high-power applications, maintaining stable output in continuous operation.

IP20 F CLASS III

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

Input Volt	: 220V
Output Volt	: 220V
Power	: 1000W

Specifications
- The operating range of the product is suitable for 220-240 Volt, 50-Hz.
- The product cannot be dimmed.

IP20 F CLASS III

AL TRNS-300 — RESIN-FILLED TRANSFORMER

Input Volt	: 220V.
Output Volt	: 13 VAC
Power	: 300W.

Specifications
- Converts 220V to 12V AC 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.

IP20 F CLASS III

AL RC SERIES BOARDS
REMOTE CONTROLLED RGB & RGBW POWER POLYESTER CONTROL BOARD

SPECIFICATIONS
- 12V or 24V DC output
- The using until 350 - 3000 W for RGB units
- The resistant to moisture
- Controllable until 30 mt
- Radio frequercied remote controller
- Phase neutral circuit breaker
- With RGB led bar, it can detect out side armaturs colours on the board
- 25 channel colour options
- The single colour dimmable

AL RC350W-RGB/RGBW 350W BOARD

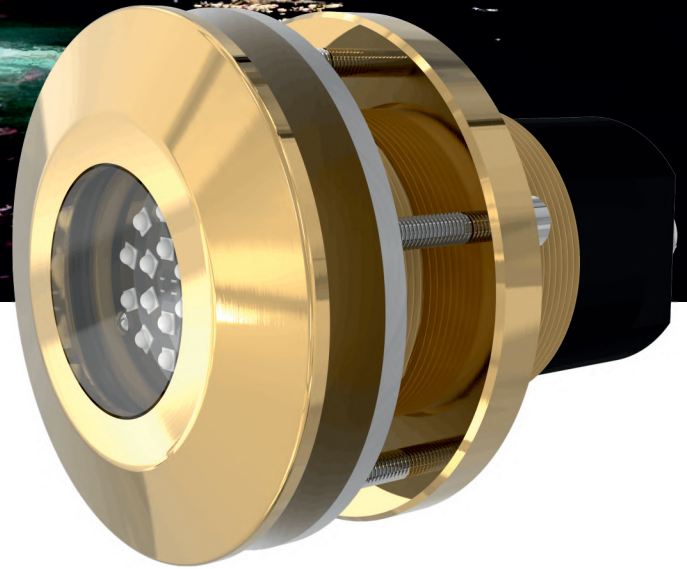|	
Input Volt	: 220 AC
Output Volt	: 12-24VDC
Power	: 350 Watt
Size	: 30x40 cm

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

AL RC600W-RGB/RGBW 600W BOARD

Input Volt	: 220 AC
Output Volt	: 12-24VDC
Power	: 600 Watt
Size	: 30x40 cm

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

AL RC800W-RGB/RGBW 800W BOARD

Input Volt	: 220 AC
Output Volt	: 12-24VDC
Power	: 800W
Size	: 50x70 cm

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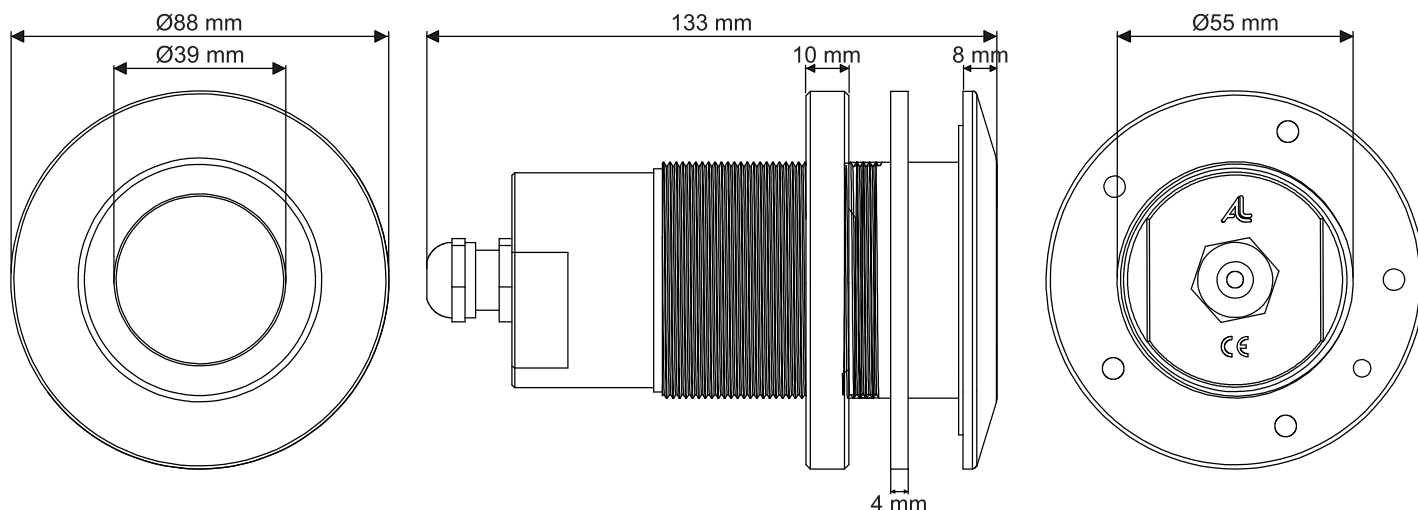Suitable for RGB & RGBW products
Phase neutral circuit breaker

AL RC1000W-RGB/RGBW 1000W BOARD

Input Volt	: 220 AC
Output Volt	: 12-24VDC
Power	: 1000W
Size	: 50x70 cm

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

AL RC1600W-RGB/RGBW 1600W BOARD

Input Volt	: 220 AC
Output Volt	: 12-24VDC
Power	: 1600W
Size	: 50x70 cm

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

AL RC2400W-RGB/RGBW 2400W BOARD

Input Volt	: 220 AC
Output Volt	: 12-24VDC
Power	: 2400W
Size	: 60x80 cm

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

AL RC3200W-RGB/RGBW 3200W BOARD

Input Volt	: 220 AC
Output Volt	: 12-24VDC
Power	: 3200W
Size	: 60x80 cm

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

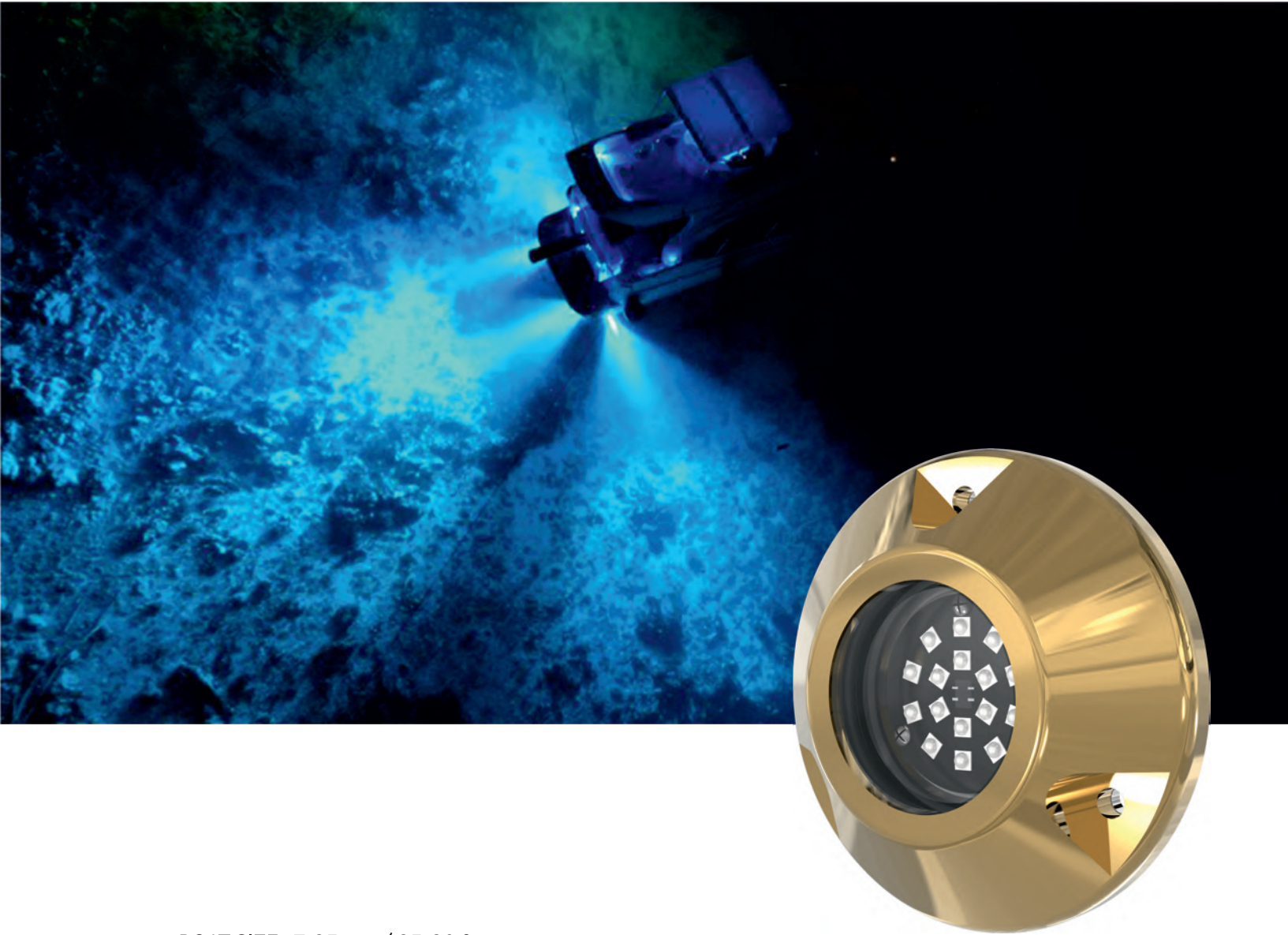## AL UWL301 TH

BOAT SIZE : 7-25 mt. / 25-80 ft.
- The resistant toward salt water thanks to Aluminium Bronze body
- Reinforced Aluminum replaceable inner core housing
- The High-Tech Power Led has high watt. Every LED is 4 Watt
- Every LED has 140-150Lumen
- RGBW full colour LED
- 8 mm Shockproof Tempered Glass
- 2x1,5 mm² Neopren RNF cable.
- No need to dismantle the entire product when changing LEDs
- Easy to replace by loosening the aluminum lighting capsule from inside the boat.
  The Aluminum Bronze body remains fixed on the boat.
- You can be connected AHD 2MP 1080P camera to the same housing optionelly.

2 Year Guaranty

RGBW Led Full Colour

Turkey
Discover the potential

Product Specifications

Ø88 mm
Ø39 mm
133 mm
10 mm
8 mm
4 mm
Ø55 mm

Product Code	AL UWL301 TH
Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.
Single Colour LED	White 16x4W & Royal Blue 16x4W 3535 High Power LED / LED Degree 110°
RGBW Led	RGBW 15x4W 3535 High Power LED / LED Degree 110°
Volt	10V-30VDC
Current 24V / 12V	3.0A / 6.0A
Watt	Single Colour 64W. - RGBW 60W.
Single Colour / Lumen	White 9000 lumen , Royal Blue 3360 lumen
RGBW Colour / Lumen	R: 750 lumen, G: 1800 lumen, B: 450 lumen, W: 2250 lumen, RGBW: 5250 lumen
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, Marine Aluminum Led Core
Glass	8 mm. Special Tempered Glass
Product Cable	Single Colour 2 mt. 2x1,5 RNF Marine Cable , RGBW 2 mt. 5x1 RNF Marine Cable
Driver	Internal Constant Current Led Driver
Underwater Camera	Can be applied by modifying the core
Product Sizes	Light Head Diameter: 88mm. , Head height: 8mm. , Full Length: 133mm. , Glass diameter: 39mm.
Hole Diameter	55mm.
Weight	1,625 gr.

U.V. ♻ CE IP68 ⓕ ◈ ⚠ ⚠ max 10m **CLASS III**
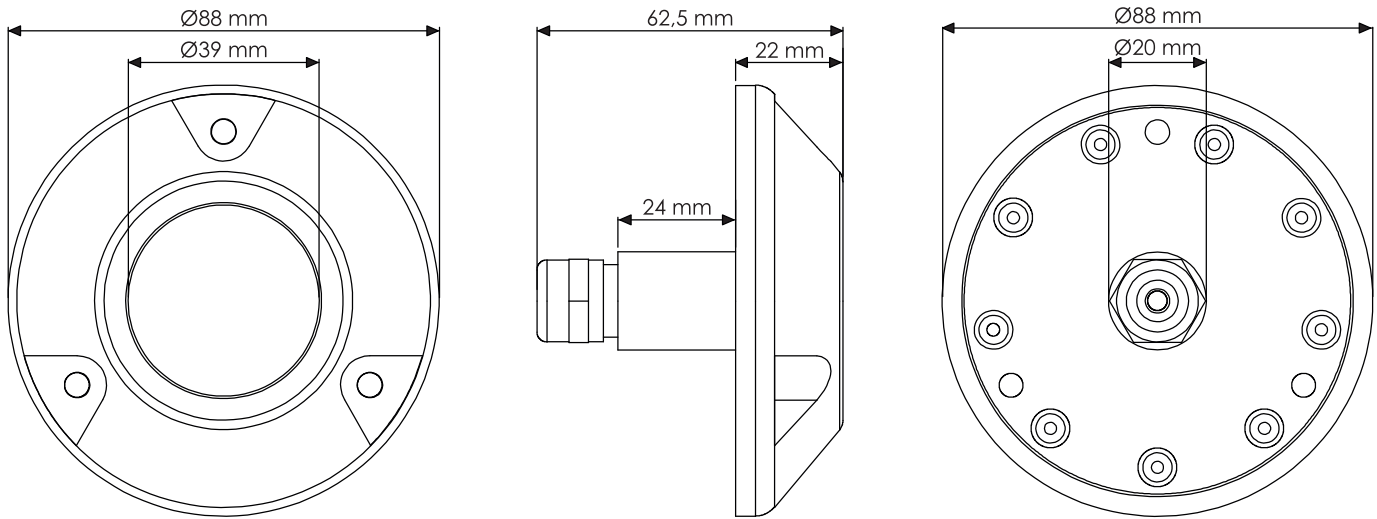
⚠ **Do not use in waterless environment.**

AL UWL301 THS

THRU-HULL SLIM UNDERWATER YACHT LIGHTING

BOAT SIZE : 7-25 mt. / 25-80 ft.
- The resistant toward salt water thanks to Aluminium Bronze body
- Reinforced Aluminum replaceable inner core housing
- The High-Tech Power Led has high watt. Every LED is 4 Watt
- Every LED has 140-150Lumen
- RGBW full colour LED
- 8 mm Shockproof Tempered Glass
- 2x1,5 mm² Neopren RNF cable.
- No need to dismantle the entire product when changing LEDs
- Easy to replace by loosening the aluminum lighting capsule from inside the boat. The Aluminum Bronze body remains fixed on the boat.

2 Year Guaranty

RGBW Led Full Colour

Turkey
Discover the potential

Product Specifications

Ø88 mm
Ø39 mm
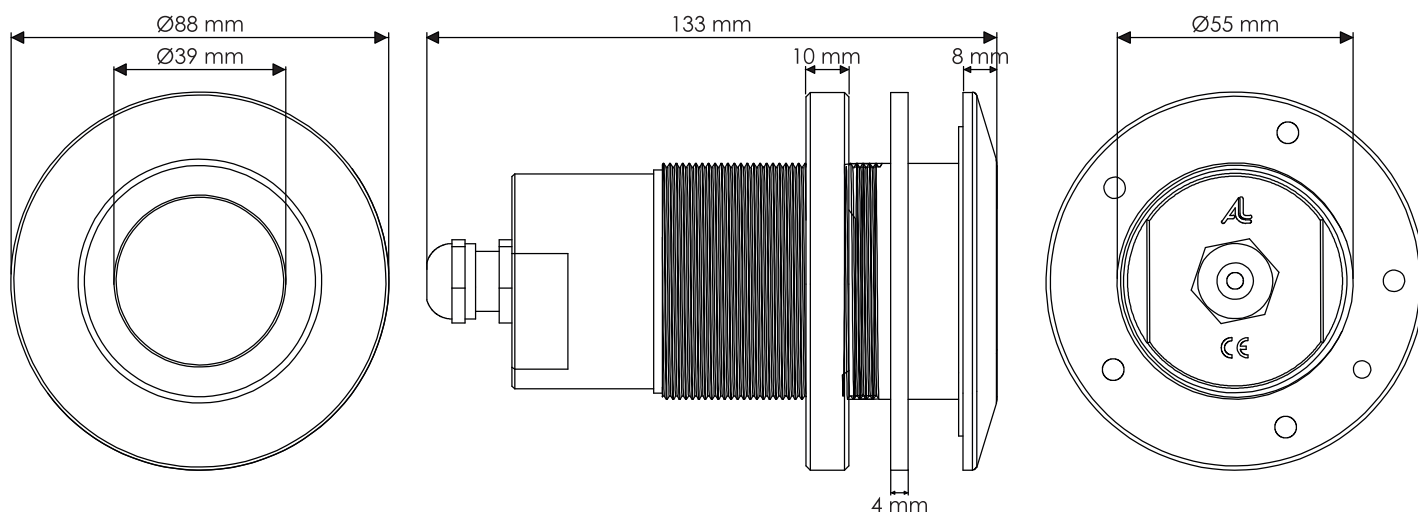134 mm
10 mm
20 mm
Ø25 mm
4 mm
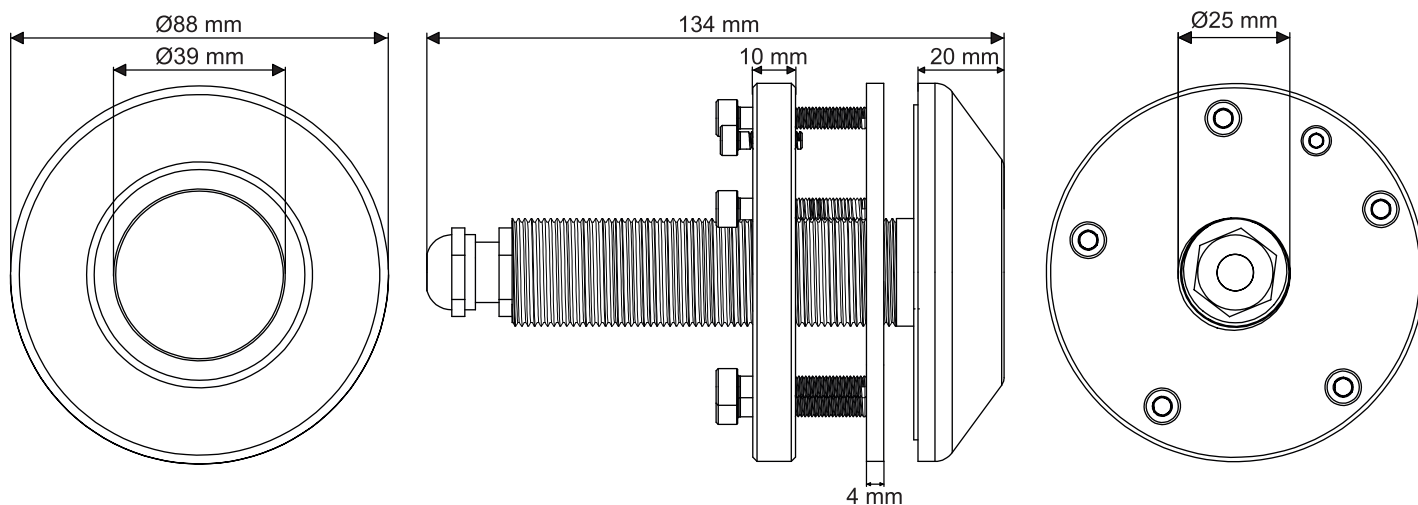
Product Code	AL UWL301 THS
Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.
Single Colour LED	White 16x4W & Royal Blue 16x4W 3535 High Power LED / LED Degree 110°
RGBW Led	RGBW 15x4W 3535 High Power LED / LED Degree 110°
Volt	10V-30VDC
Current 24V / 12V	3.0A / 6.0A
Watt	Single Colour 64W. - RGBW 60W.
Single Colour / Lumen	White 9000 lumen , Royal Blue 3360 lumen
RGBW Colour / Lumen	R: 750 lumen, G: 1800 lumen, B: 450 lumen, W: 2250 lumen, RGBW: 5250 lumen
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, Marine Aluminum Led Core
Glass	8 mm. Special Tempered Glass
Product Cable	Single Colour 2 mt. 2x1,5 RNF Marine Cable , RGBW 2 mt. 5x1 RNF Marine Cable
Driver	Internal Constant Current Led Driver
Underwater Camera	Can be applied by modifying the core
Product Sizes	Light Head Diameter: 88mm. , Head height: 20mm. , Full Length: 134mm. , Glass diameter: 39mm.
Hole Diameter	25mm.
Weight	1,225 gr.

U.V. ♻ CE IP68 F ◈ ⚠ ⚠ max 10m CLASS III

⚠ **Do not use in waterless environment.**

AL UWL301 SM   SURFACE MOUNTED UNDERWATER YACHT LIGHTING

BOAT SIZE : 7-25 mt. / 25-80 ft.
- The resistant toward salt water thanks to Aluminium Bronze body
- The High-Tech Power Led has high watt. Every LED is 4 Watt
- Every LED has 140-150Lumen
- RGBW full colour LED
- 8 mm Shockproof Tempered Glass
- 2x1,5 mm² Neopren RNF cable.
- Body assembly is practical. 20 mm cable hole is drilled on
  the surface of the hull and the surface of the boat is mounted underwater.

2 Year Guaranty

RGBW Led   Full Colour

Turkey
Discover
the potential

Product Specifications

Ø88 mm
Ø39 mm

62,5 mm
22 mm
24 mm

Ø88 mm
Ø20 mm

Product Code	AL UWL301 SM
Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.
Single Colour LED	White 16x4W & Royal Blue 16x4W 3535 High Power LED / LED Degree 110°
RGBW LED	RGBW 15x4W 3535 High Power LED / LED Degree 110°
Volt	10V-30VDC
Current 24V / 12V	3.0A / 6.0A
Watt	Single Colour 64W. - RGBW 60W.
Single Colour / Lumen	White 9000 lumen , Royal Blue 3360 lumen
RGBW Colour / Lumen	R: 750 lumen, G: 1800 lumen, B: 450 lumen, W: 2250 lumen, RGBW: 5250 lumen
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, AISI 316L Stainless Steel Back Cover
Glass	8 mm. Special Tempered Glass
Product Cable	Single Colour 2 mt. 2x1,5 RNF Marine Cable , RGBW 2 mt. 5x1 RNF Marine Cable
Driver	External Constant Current Led Driver
Underwater Camera	Not applicable.
Product Sizes	Light Head Diameter: 88mm. , Head height: 22mm. , Full Length: 62,5mm. , Glass diameter: 39mm.
Hole Diameter	20mm.
Weight	690 gr.

U.V. ♻ CE **IP68** F ▨ ⚠ ⚠ max 10m **CLASS III**

⚠ **Do not use in waterless environment.**

AKER LIGHTING

AL UWC301 TH

THRU-HULL UNDERWATER YACHT LIGHTING
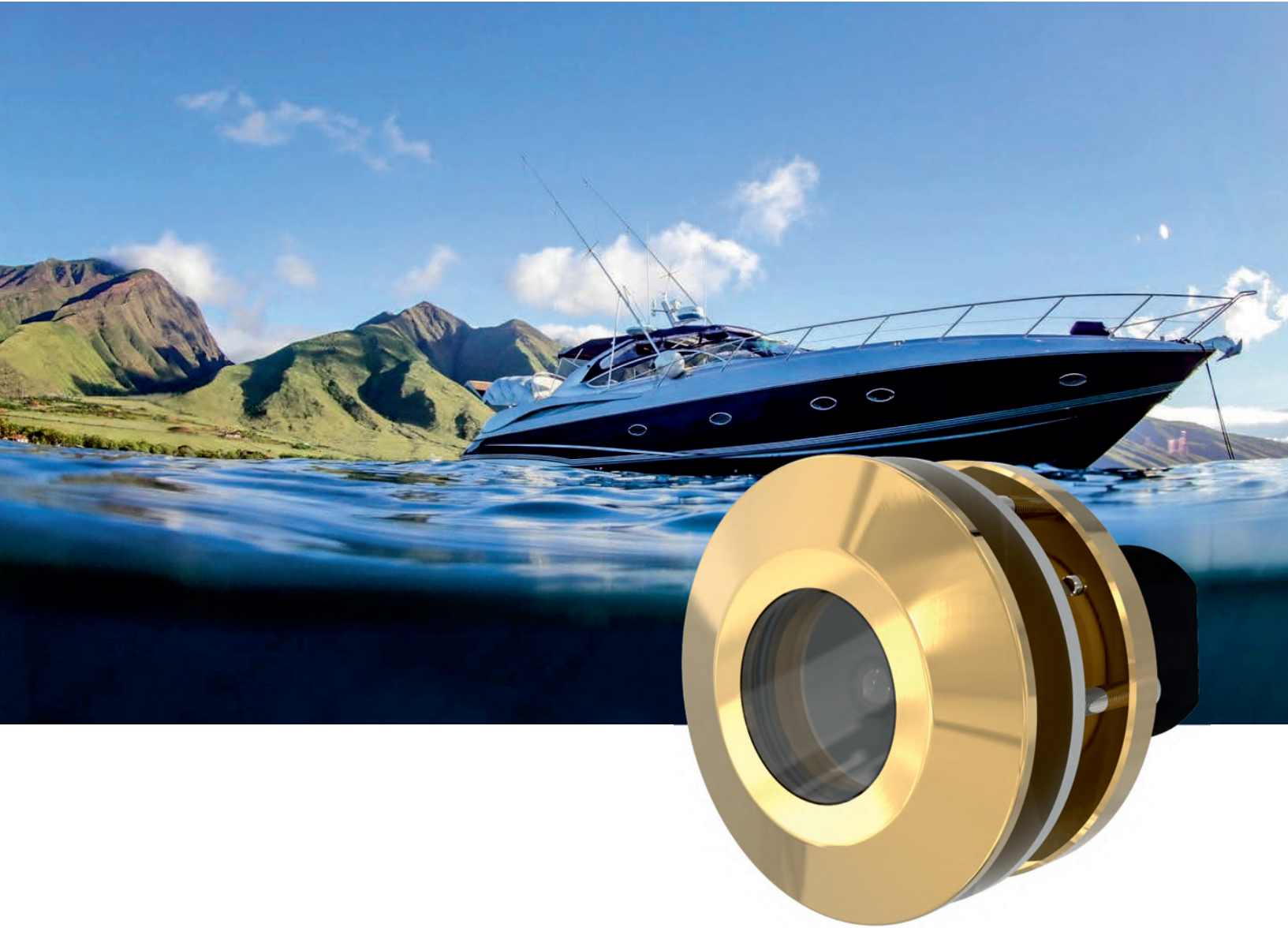
- Used in all boats.
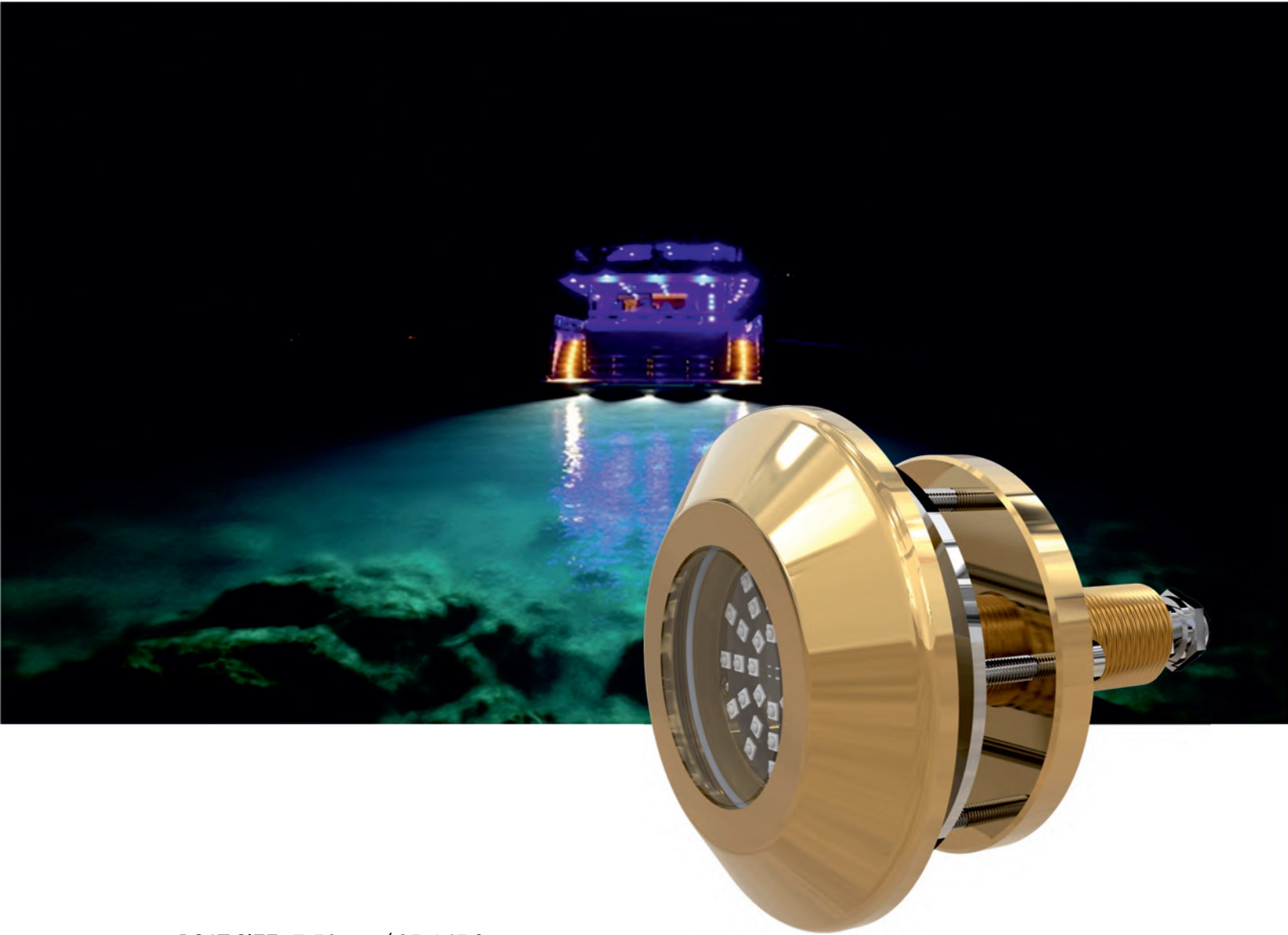- The resistant toward salt water thanks to Aluminium Bronze body.
- Reinforced Aluminum replaceable inner core housing.
- 2 MP AHD 1080P Camera
- It gives very low brightness image.
- AHD camera is high resolution.
- 8 mm Shockproof Tempered Glass
- Neopren RNF cable.
- Easy to replace by loosening the aluminum lighting capsule from inside the boat.
  The Aluminum Bronze body remains fixed on the boat.

2 Year Guaranty

1080 FULL HD

Turkey
Discover the potential

Product Specifications

Ø88 mm
Ø39 mm
133 mm
10 mm
8 mm
Ø55 mm
4 mm

Product Code	AL UWC301 TH
Resolution	Full HD 1080P
Camera Lens	2MP SONY
Effective Pixels	1920 (H) X 1080 (V)
Lens	3.6 mm Fixed Focus
Lowest Brightness	0,0001 Lux
Signal System	PAL / NTSC
Angle of Vision	90°
Video Output	AHD
Energy Consumption	1 W
Current	0.1A
Input Voltage	12 VDC
Product Cable	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, Marine Aluminum Led Core
Glass	8 mm. Special Tempered Glass
Product Sizes	Outer Head Diameter: 88mm. , Head height: 8mm. , Full Length: 132.8mm. , Glass diameter: 39mm.
Hole Diameter	55mm.
Weight	1,610 gr.

U.V. ♺ CE IP68 F ❖ ⚠ ⚠ max 10m **CLASS III**

⚠ **Do not use in waterless environment.**

AKER LIGHTING

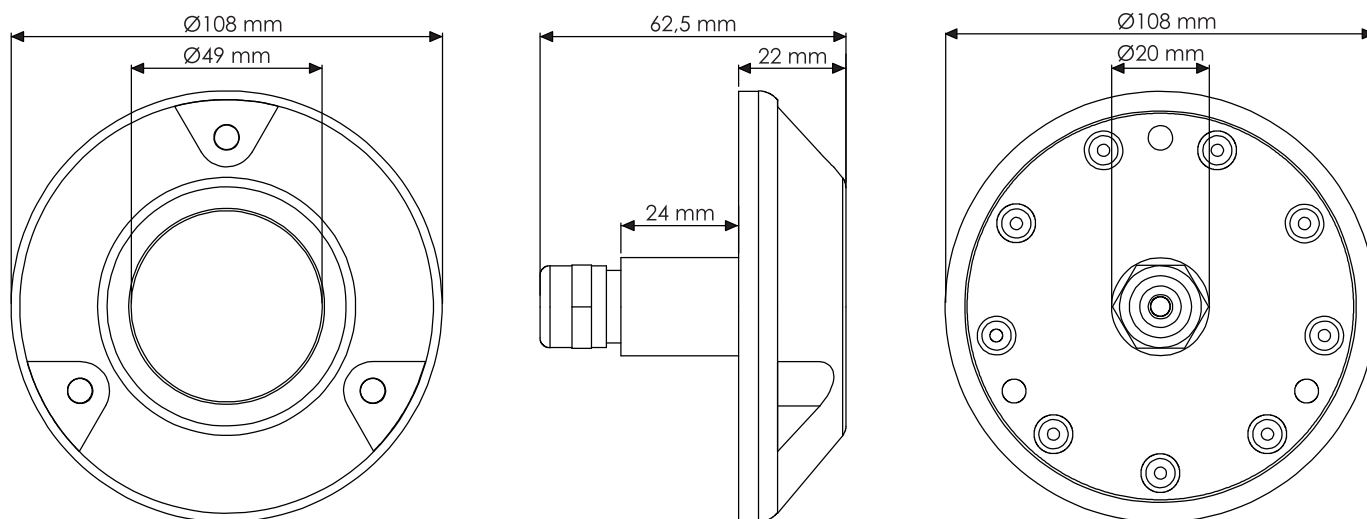## AL UWL302 TH

THRU-HULL UNDERWATER YACHT LIGHTING

BOAT SIZE : 7-50 mt. / 25-165 ft.
- The resistant toward salt water thanks to Aluminium Bronze body
- Reinforced Aluminum replaceable inner core housing
- The High-Tech Power Led has high watt. Every LED is 4 Watt
- Every LED has 140-150Lumen
- RGBW full colour LED
- 8 mm Shockproof Tempered Glass
- 2x1,5 mm² Neopren RNF cable.
- No need to dismantle the entire product when changing LEDs
- Easy to replace by loosening the aluminum lighting capsule from inside the boat.
  The Aluminum Bronze body remains fixed on the boat.
- You can be connected AHD 2MP 1080P camera to the same housing optionelly.

2 Year Guaranty

RGBW Led
Full Colour

Turkey
Discover
the potential

Product Specifications

Ø108 mm   Ø49 mm   133 mm   10 mm   8 mm   Ø70 mm   4 mm

Product Code	AL UWL302 TH
Boat Dimensions mt./ft.	7mt. - 50mt. / 25ft. - 165ft.
Single Colour LED	White 32x4W & Royal Blue 32x4W 3535 High Power LED / LED Degree 110°
RGBW Led	RGBW 30x4W 3535 High Power LED / LED Degree 110°
Volt	10V-30VDC
Current 24V / 12V	5.4A / 10.8A
Watt	Single Colour 128W. - RGBW 120W.
Single Colour / Lumen	White 18000 lumen , Royal Blue 6720 lumen
RGBW Colour / Lumen	R: 1500 lumen, G: 3600 lumen, B: 900 lumen, W: 4500 lumen, RGBW: 10500 lumen
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, Marine Aluminum Led Core
Glass	8 mm. Special Tempered Glass
Product Cable	Single Colour 2 mt. 2x1,5 RNF Marine Cable , RGBW 2 mt. 5x1 RNF Marine Cable
Driver	Internal Constant Current Led Driver
Underwater Camera	Can be applied by modifying the core
Product Sizes	Light Head Diameter: 108mm. , Head height: 8mm. , Full Length: 132,8mm. , Galss Diameter: 49mm.
Hole Diameter	70mm.
Weight	2,350 gr.

U.V.   ♻   CE   IP68   F̶   ⬡   ⚠ ⚠   max 10m   **CLASS III**

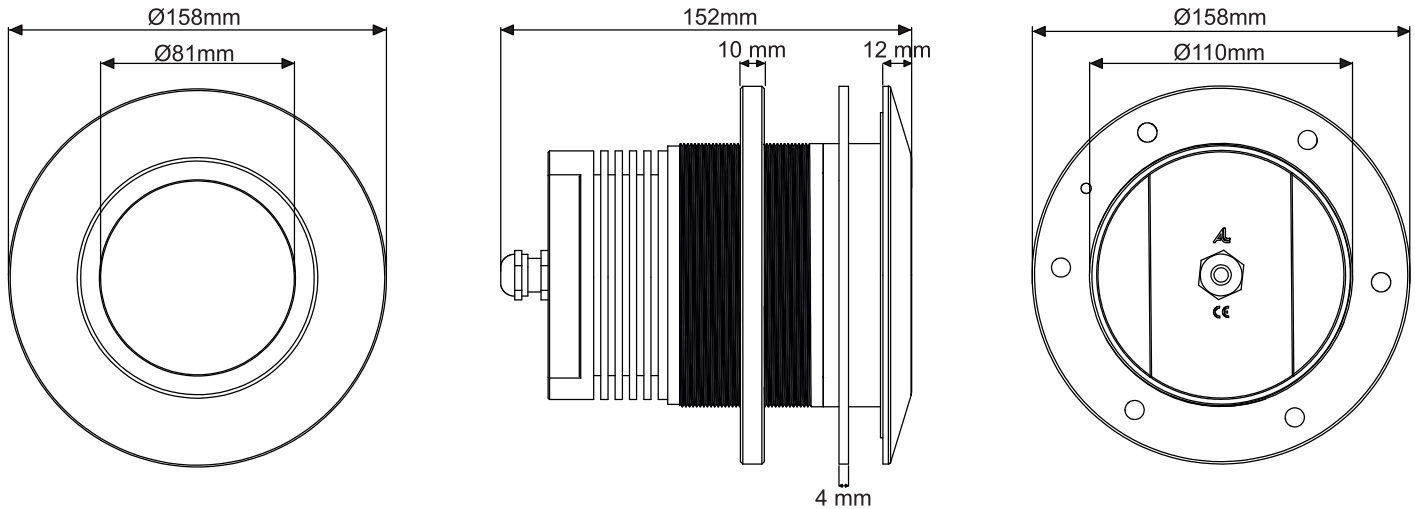⚠ **Do not use in waterless environment.**

AL UWL302 THS

THRU-HULL SLIM UNDERWATER YACHT LIGHTING

BOAT SIZE : 7-50 mt. / 25-165 ft.
- The resistant toward salt water thanks to Aluminium Bronze body
- Reinforced Aluminum replaceable inner core housing
- The High-Tech Power Led has high watt. Every LED is 4 Watt
- Every LED has 140-150Lumen
- RGBW full colour LED
- 8 mm Shockproof Tempered Glass
- 2x1,5 mm² Neopren RNF cable.
- No need to dismantle the entire product when changing LEDs
- Easy to replace by loosening the aluminum lighting capsule from inside the boat.
  The Aluminum Bronze body remains fixed on the boat.

2 **Year** **Guaranty**

RGBW Led **Full Colour**

Turkey Discover the potential

Product Specifications

Ø108 mm
Ø51mm

134 mm
20 mm
10 mm

Ø25 mm
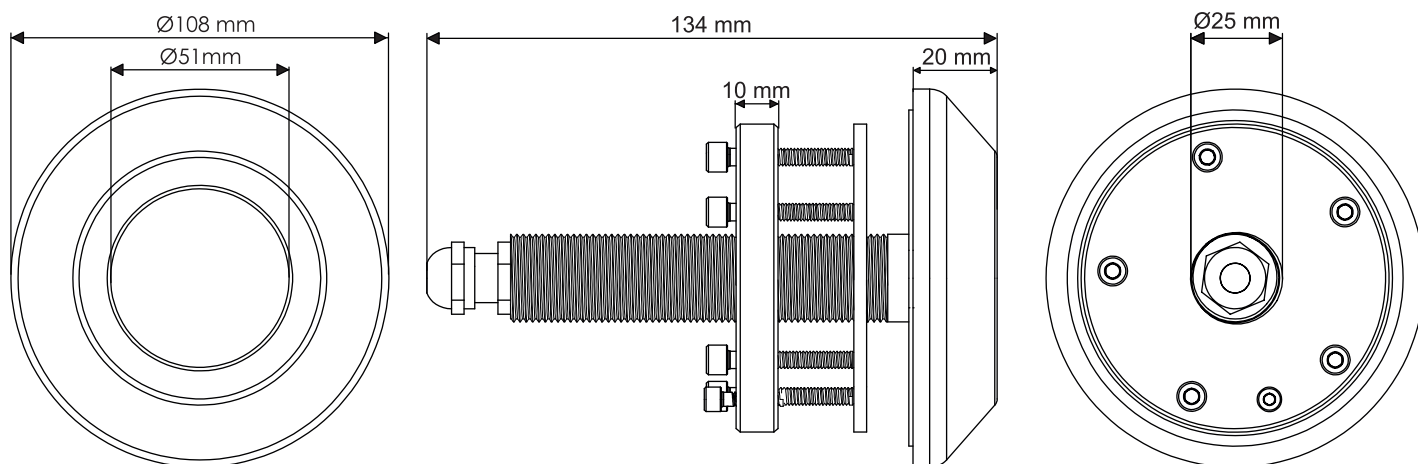
Product Code	AL UWL302 THS
Boat Dimensions mt./ft.	7mt. - 50mt. / 25ft. - 165ft.
Single Colour LED	White 32x4W & Royal Blue 32x4W 3535 High Power LED / LED Degree 110°
RGBW Led	RGBW 30x4W 3535 High Power LED / LED Degree 110°
Volt	10V-30VDC
Current 24V / 12V	5.4A / 10.8A
Watt	Single Colour 128W. - RGBW 120W.
Single Colour / Lumen	White 18000 lumen , Royal Blue 6720 lumen
RGBW Colour / Lumen	R: 1500 lumen, G: 3600 lumen, B: 900 lumen, W: 4500 lumen, RGBW: 10500 lumen
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, Marine Aluminum Led Core
Glass	8 mm. Special Tempered Glass
Product Cable	Single Colour 2 mt. 2x1,5 RNF Marine Cable , RGBW 2 mt. 5x1 RNF Marine Cable
Driver	Internal Constant Current Led Driver
Underwater Camera	Can be applied by modifying the core
Product Sizes	Light Head Diameter: 108mm. , Head height: 8mm. , Full Length: 134 mm. , Galss Diameter: 51mm.
Hole Diameter	25mm.
Weight	1,970 gr.

U.V.   CE IP68   max 10m CLASS III

⚠ **Do not use in waterless environment.**

AKER LIGHTING

AL UWL302 SM

BOAT SIZE: 7-50 mt. / 25-165 ft.
- The resistant toward salt water thanks to Aluminium Bronze body
- The High-Tech Power Led has high watt. Every LED is 4 Watt
- Every LED has 140-150Lumen
- RGBW full colour LED
- 8 mm Shockproof Tempered Glass
- 2x1,5 mm² Neopren RNF cable.
- Body assembly is practical. 20 mm cable hole is drilled on
  the surface of the hull and the surface of the boat is mounted underwater.

2 Year Guaranty

RGBW Led
Full Colour

Turkey
Discover
the potential

Product Specifications

Ø108 mm
Ø49 mm

62,5 mm
22 mm
24 mm

Ø108 mm
Ø20 mm

Product Code	AL UWL302 SM
Boat Dimensions mt./ft.	7mt. - 50mt. / 25ft. - 165ft.
Single Colour LED	White 32x4W & Royal Blue 32x4W 3535 High Power LED / LED Degree 110°
RGBW Led	RGBW 30x4W 3535 High Power LED / LED Degree 110°
Volt	10V-30VDC
Current 24V / 12V	5.4A / 10.8A
Watt	Single Colour 128W. - RGBW 120W.
LED Colour / Lumen	White 18000 lumen , Royal Blue 6720 lumen
RGBW Colour / Lumen	R: 1500 lumen, G: 3600 lumen, B: 900 lumen, W: 4500 lumen, RGBW: 10500 lumen
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, AISI 316L Stainless Steel Back Cover
Glass	8 mm. Special Tempered Glass
Product Cable	Single Colour 2 mt. 2x1,5 RNF Marine Cable , RGBW 2 mt. 5x1 RNF Marine Cable
Driver	External Constant Current Led Driver
Underwater Camera	Not applicable.
Product Sizes	Light Head Diameter: 108mm. , Head height: 22 mm. , Full Length: 63,5 mm. , Glass Diameter: 49mm
Hole Diameter	20mm.
Weight	870 gr.

U.V. CE IP68 F ⚠ ⚠ max 10m CLASS III

⚠ **Do not use in waterless environment.**

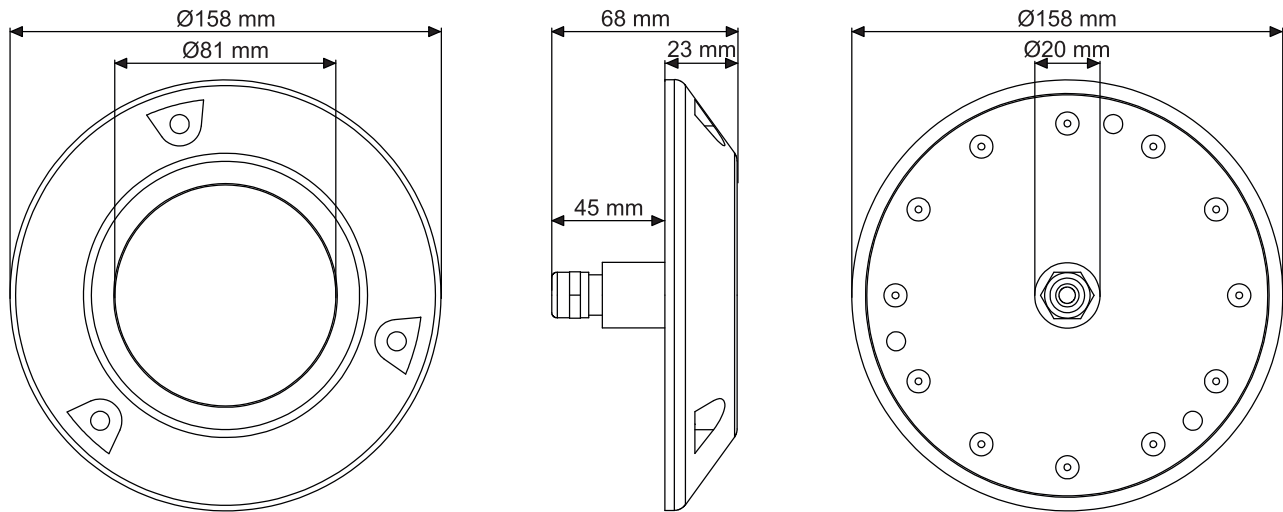## AL UWL303 TH

THRU-HULL UNDERWATER YACHT LIGHTING

BOAT SIZE : 15-100 mt. / 50-330 ft.
- The resistant toward salt water thanks to Aluminium Bronze body
- Reinforced Aluminum replaceable inner core housing
- The High-Tech Power Led has high watt. Every Led is 4 Watt
- Every LED has 140-150Lumen
- RGBW full colour LED
- 12 mm Shockproof Tempered Glass
- 2x1,5 mm² Neopren RNF cable.
- No need to dismantle the entire product when changing LEDs
- Easy to replace by loosening the aluminum lighting capsule from inside the boat. The Aluminum Bronze body remains fixed on the boat.
- You can be connected AHD 2MP 1080P camera to the same housing optionely.

2 Year Guaranty

RGBW Led
Full Colour

Turkey
Discover
the potential

Product Specifications

Ø158mm
Ø81mm

152mm
10 mm
12 mm
4 mm

Ø158mm
Ø110mm

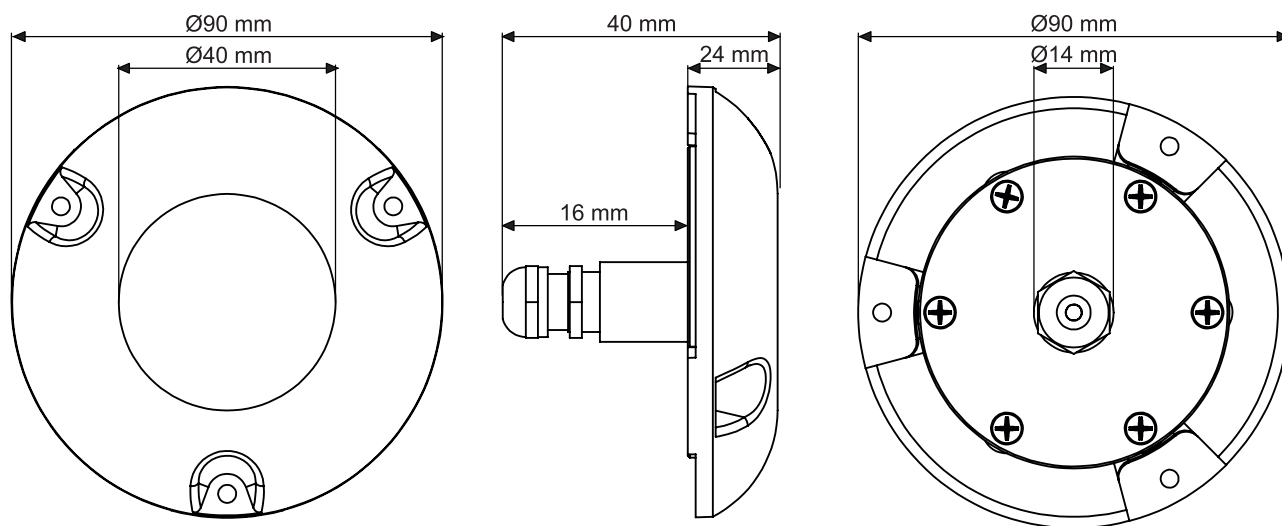|	
Product Code	AL UWL303 TH
Boat Dimensions mt./ft.	15mt. - 100mt. / 50ft. - 330ft.
Single Colour LED	White 64x4W & Royal Blue 64x4W 3535 High Power LED / LED Degree 110°
RGBW Led	RGBW 60x4W 3535 High Power LED / LED Degree 110°
Volt	10V-30VDC
Current 24V / 12V	11.0A - 22.0A
Watt	Single Colour 256W. - RGBW 240W.
LED Colour / Lumen	White 36000 lumen , Royal Blue 13440 lumen
RGBW Colour / Lumen	R: 3000 lumen, G: 7200 lumen, B: 1800 lumen, W: 9000 lumen, RGBW: 21000 lumen
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, Marine Aluminum Led Core
Glass	12 mm. Special Tempered Glass
Product Cable	Single Colour 2 mt. 2x2,5 RNF Marine Cable , RGBW 2 mt. 5x1 RNF Marine Cable
Driver	Internal Constant Current Led Driver
Underwater Camera	Can be applied by modifying the core
Product Sizes	Light Head Diameter: 158mm. , Head Height: 8mm. , Full Lenght: 152mm. , Glass Diameter: 81mm.
Hole Diameter	110 mm.
Weight	5,800 gr.

U.V. ♻ CE IP68 Ⓕ ◈ ⚠ ⚠ max 10m CLASS III

⚠ **Do not use in waterless environment.**

AL UWL303 THS

BOAT SIZE : 15-100 mt. / 50-330 ft.
- The resistant toward salt water thanks to
  Aluminium Bronze body
- Reinforced Aluminum replaceable inner core housing
- The High-Tech Power Led has high watt. Every Led is 4 Watt
- Every LED has 140-150Lumen
- RGBW full colour LED
- 12 mm Shockproof Tempered Glass
- 2x1,5 mm² Neopren RNF cable.
- No need to dismantle the entire product when changing LEDs
- Easy to replace by loosening the aluminum lighting capsule from inside the boat.
  The Aluminum Bronze body remains fixed on the boat.

2 Year **Guaranty**

RGBW Led **Full Colour**

Turkey
Discover
the potential

Product Specifications

Ø158mm
Ø82,5mm

137mm
10 mm
21,5 mm
4 mm

Ø25mm

Product Code	AL UWL303 THS
Boat Dimensions mt./ft.	15mt. - 100mt. / 50ft. - 330ft.
Single Colour LED	White 64x4W & Royal Blue 64x4W 3535 High Power LED / LED Degree 110°
RGBW Led	RGBW 60x4W 3535 High Power LED / LED Degree 110°
Volt	10V-30VDC
Current 24V / 12V	11.0A - 22.0A
Watt	Single Colour 256W. - RGBW 240W.
LED Colour / Lumen	White 36000 lumen , Royal Blue 13440 lumen
RGBW Colour / Lumen	R: 3000 lumen, G: 7200 lumen, B: 1800 lumen, W: 9000 lumen, RGBW: 21000 lumen
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, Marine Aluminum Led Core
Glass	12 mm. Special Tempered Glass
Product Cable	Single Colour 2 mt. 2x2,5 RNF Marine Cable , RGBW 2 mt. 5x1 RNF Marine Cable
Driver	Internal Constant Current Led Driver
Underwater Camera	Can be applied by modifying the core
Product Sizes	Light Head Diameter: 158mm. , Head Height: 8mm. , Full Lenght: 137mm. , Glass Diameter: 82,5mm.
Hole Diameter	25 mm.
Weight	4,200 gr.

U.V. ♻ CE **IP68** F ◈ ⚠ ⚠ max 10m **CLASS III**

⚠ **Do not use in waterless environment.**

AL UWL303 SM

BOAT SIZE : 15-100 mt. / 50-330 ft.
- The resistant toward salt water thanks to
  Aluminium Bronze body
- The High-Tech Power Led has high watt. Every Led is 4 Watt
- Every LED has 140-150Lumen
- RGBW full colour LED
- 12 mm Shockproof Tempered Glass
- 2x1,5 mm² Neopren RNF cable.
- Body assembly is practical. 20 mm cable hole is drilled on
 the surface of the hull and the surface of the boat is mounted underwater.

2 Year Guaranty

RGBW Led
Full Colour

Turkey
Discover
the potential

Product Specifications

Ø158 mm
Ø81 mm

68 mm
23 mm
45 mm

Ø158 mm
Ø20 mm

Product Code	AL UWL303 SM
Boat Dimensions mt./ft.	15mt. - 100mt. / 50ft. - 330ft.
Single Colour LED	White 64x4W & Royal Blue 64x4W 3535 High Power LED / LED Degree 110°
RGBW Led	RGBW 60x4W 3535 High Power LED / LED Degree 110°
Volt	10V-30VDC
Current 24V / 12V	11.0A - 22.0A
Watt	Single Colour 256W. - RGBW 240W.
LED Colour / Lumen	White 36000 lumen , Royal Blue 13440 lumen
RGBW Colour / Lumen	R: 3000 lumen, G: 7200 lumen, B: 1800 lumen, W: 9000 lumen, RGBW: 21000 lumen
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, AISI 316L Stainless Steel Back Cover
Glass	12 mm. Special Tempered Glass
Product Cable	Single Colour 2 mt. 2x2,5 RNF Marine Cable , RGBW 2 mt. 5x1 RNF Marine Cable
Driver	External Constant Current Led Driver
Underwater Camera	Not applicable.
Product Sizes	Light Head Diameter: 158mm. , Head Height: 23mm. , Full Length: 68mm. , Glass Diameter: 81mm.
Hole Diameter	20 mm.
Weight	2,350 gr.

U.V.   ♻ CE IP68 F ❖ ⚠ ⚠ max 10m CLASS III

⚠ **Do not use in waterless environment.**

AL UWL401 SM

SURFACE MOUNTED UNDERWATER YACHT LIGHTING
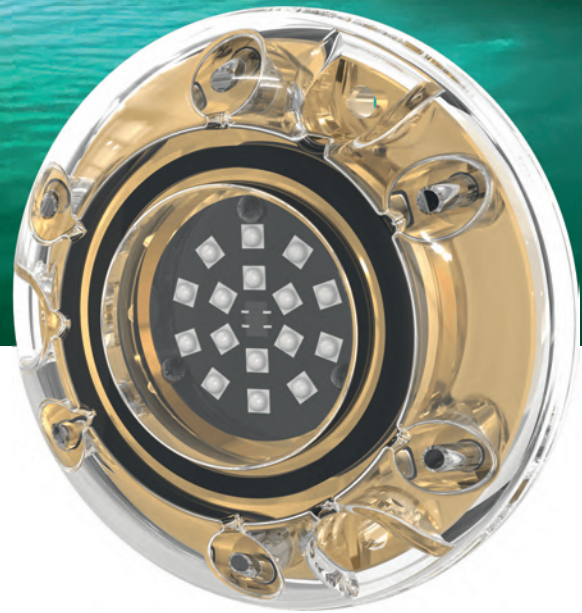
BOAT SIZE : 7-25 mt. / 25-80 ft.
- The resistant toward salt water thanks to Aluminium Bronze body
- The High-Tech Power Led has high watt. Every Led is 4 Watt
- Every LED has 140-150Lumen
- RGBW full colour LED
- 2x1,5 mm² Neopren RNF cable.
- Body assembly is practical. 14 mm cable hole is drilled on
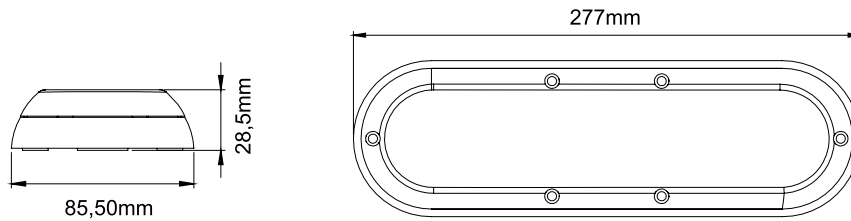 the surface of the hull and the surface of the boat is mounted underwater.

2 Year Guaranty

RGBW Led Full Colour

Turkey
Discover
the potential

Product Specifications

Ø90 mm
Ø40 mm

40 mm
24 mm
16 mm

Ø90 mm
Ø14 mm

Product Code	AL UWL401 SM
Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.
Single Colour LED	White 16x4W & Royal Blue 16x4W 3535 High Power LED / LED Degree 110°
RGBW Led	RGBW 15x4W 3535 High Power LED / LED Degree 110°
Volt	10V-30VDC
Current 24V / 12V	3.0A / 6.0A
Watt	Single Colour 64W. - RGBW 60W.
Single Colour / Lumen	White 9000 lumen , Royal Blue 3360 lumen
RGBW Colour / Lumen	R: 750 lumen, G: 1800 lumen, B: 450 lumen, W: 2250 lumen, RGBW: 5250 lumen
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, or AISI 316L Stainless Steel Body
Glass	Impact resistant special glass
Product Cable	Single Colour 2 mt. 2x1,5 RNF Marine Cable , RGBW 2 mt. 5x1 RNF Marine Cable
Driver	IP67 External Constant Current Led Driver in Junction Box
Product Sizes	Light Head Diameter: 90mm. , Head height: 24mm. , Full Length: 40mm.
Hole Diameter	14 mm.
Weight	590 gr.

U.V.   CE IP68   max 10m   CLASS III

⚠ **Do not use in waterless environment.**

AL UWL402 SM

SURFACE MOUNTED UNDERWATER YACHT LIGHTING

BOAT SIZE : 7-25 mt. / 25-80 ft.
- Salt resistant Thermal Resin body
- Impact resistant special glass
- High-Tech SMD LED with high wattage.
- Has light power of 100-110 lumens per watt
- RGB full colour LED
- 2x0,50 mm² Neopren RNF Cable
- Body assembly is practical. 10 mm cable hole is drilled on the surface of the hull and the surface of the boat is mounted underwater.

⚠ **Do not use in waterless environment.**

1 Year Guaranty

Turkey Discover the potential

PATENTED

Product Specifications
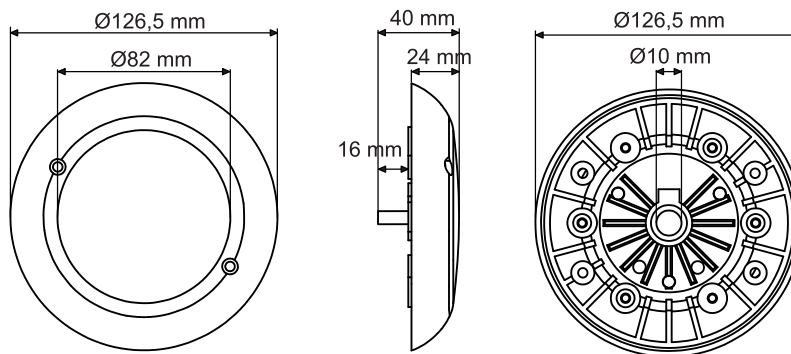
Product Code	AL UWL402 SM - 15W	AL UWL402 SM - 25W
Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.	
Single Colour LED	30 Pcs 5730 High Power LED	48 Pcs 5730 High Power LED
RGB LED	42 Pcs 5050 High Power LED	
LED Degree	110°	
Volt	12VDC - 24VDC	
Current 12V / 24V	1.25A / 0.63A	2.10A / 1,05A
Watt	Single Colour 15W. - RGBW 9W.	Single Colour 25W.
LED Colour / Lumen	White 1500 lumen , Blue 900 lumen	White 2500 lumen , Blue 1500 lumen
Product Cable	Single Colour 2 mt. 2x0,50 RNF Marine Cable, RGB 2 mt, 4x0,50 RNF Marine Cable	
Product Sizes	Light Head Diameter: 126,5mm. , Head height: 24mm. , Full Length: 40mm.	
Hole Diameter	10 mm.	

U.V. CE IP68 F ⚠ ⚠ max 10m **CLASS III**

AL UWL403 SM — SURFACE MOUNTED UNDERWATER YACHT LIGHTING

BOAT SIZE : 7-25 mt. / 25-80 ft.
- Salt resistant Thermal Resin body
- Impact resistant special glass
- High-Tech SMD LED with high wattage.
- Has light power of 100-110 lumens per watt
- RGB full colour LED
- 2x0,75 mm² Neopren RNF Cable
- Body assembly is practical. 10 mm cable hole is drilled on the surface of the hull and the surface of the boat is mounted underwater.

Do not use in waterless environment.

1 Year Guaranty — Turkey Discover the potential — **PATENTED**

Product Specifications

126mm — 19,4mm — 48mm
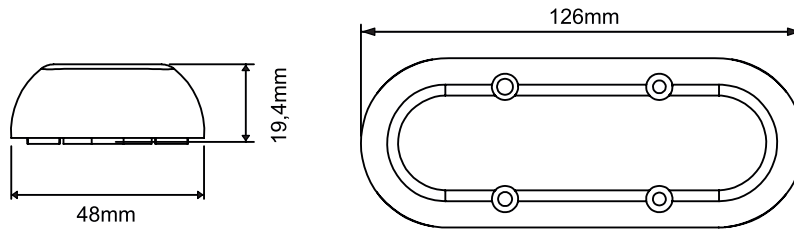
Product Code	AL UWL403 SM
Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.
Single Colour LED	24 Pcs 5730 High Power LED
RGB LED	12 Pcs 5050 High Power LED
LED Degree	110°
Volt	12VDC
Current 24V / 12V	1.0A
Watt	Single Colour 12W. - RGB 8W.
LED Colour / Lumen	White 1200 lumen , Blue 720 lumen
Product Cable	Single Colour 2 mt. 2x0,50 RNF Marine Cable, RGB 2 mt, 4x0,50 RNF Marine Cable
Product Sizes	Width: 126mm. , Height: 19,4mm. , Length: 48mm.
Hole Diameter	10 mm.

U.V. CE IP68 F max 10m CLASS III

AL UWL404 SM

SURFACE MOUNTED UNDERWATER YACHT LIGHTING

BOAT SIZE : 7-25 mt. / 25-80 ft.
- Salt resistant Thermal Resin body
- Impact resistant special glass
- High-Tech SMD LED with high wattage.
- Has light power of 100-110 lumens per watt
- RGB full colour LED
- 2x0,75 mm² Neopren RNF Cable
- Body assembly is practical. 10 mm cable hole is drilled on the surface of the hull and the surface of the boat is mounted underwater.

⚠ **Do not use in waterless environment.**

1 Year Guaranty **Turkey** Discover the potential **PATENTED**

Product Specifications

202 mm

28,5mm

85,5mm
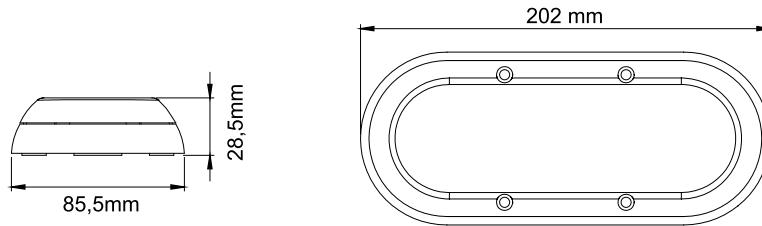
Product Code	AL UWL404 SM
Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.
Single Colour LED	72 Pcs 5730 High Power LED
RGB LED	96 Pcs 5050 High Power LED
LED Degree	110°
Volt	10-30 VDC.
Current 12V / 24V	3.0A / 1.5A
Watt	Single Colour 36W. - RGB 18W.
LED Colour / Lumen	White 3600 lumen , Blue 2160 lumen
Product Cable	Single Colour 2 mt. 2x0,50 RNF Marine Cable, RGB 2 mt, 4x0,50 RNF Marine Cable
Product Sizes	Width: 202mm. , Height: 28,5mm. , Length: 85,5mm.
Hole Diameter	10 mm.

U.V. ♻ CE **IP68** F ◈ ⚠ ⚠ max 10m **CLASS III**

AL UWL405 SM

BOAT SIZE : 7-25 mt. / 25-80 ft.
- Salt resistant Thermal Resin body
- Impact resistant special glass
- High-Tech SMD LED with high wattage.
- Has light power of 100-110 lumens per watt
- RGB full colour LED
- 2x0,75 mm² Neopren RNF Cable
- Body assembly is practical. 10 mm cable hole is drilled on the surface of the hull and the surface of the boat is mounted underwater.

⚠ **Do not use in waterless environment.**

1 Year Guaranty | Turkey Discover the potential | **PATENTED**

Product Specifications

277mm

28,5mm

85,50mm

Product Code	AL UWL405 SM
Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.
Single Colour LED	96 Pcs 5730 High Power LED
RGB LED	102 Pcs 5050 High Power LED
LED Degree	110°
Volt	10-30 VDC.
Current 12V / 24V	4.0A / 2.0A
Watt	Single Colour 48W. - RGB 30W.
LED Colour / Lumen	White 4800 lumen , Blue 2880 lumen
Product Cable	Single Colour 2 mt. 2x0,75 RNF Marine Cable, RGB 2 mt, 4x0,50 RNF Marine Cable
Product Sizes	Width: 277mm. , Height: 28,5mm. , Length: 85,5mm.
Hole Diameter	10 mm.

U.V. ♻ CE **IP68** F ◈ ⚠ ⚠ max 10m **CLASS III**

AL 3245-S

48,00mm
28,00mm
2,00mm
25,00mm
Ø 34,50mm
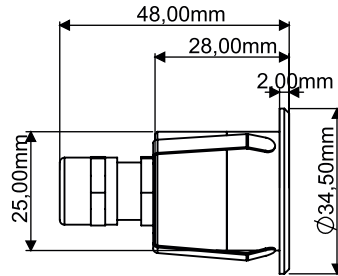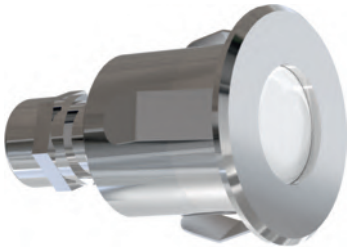
- Interior lighting for all sailing yachts and motor yachts
- AISI 316L Stainless steel
- Shockproof UV protection

Product Code	AL 3245
Boat Dimensions	For all sailing and motor yachts
LED Colours	White, Warm White, Blue
Watt	3W
Lumen	300 lumen
Volt	12VDC - 24VDC

= Ø 29 mm

U.V. CE IP67 CLASS III 1 Year Guaranty Turkey Discover the potential

AL 3205-M

44,50mm
25,00mm
2,50mm
Ø 37,00mm
Ø 49,50mm
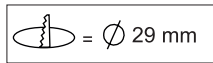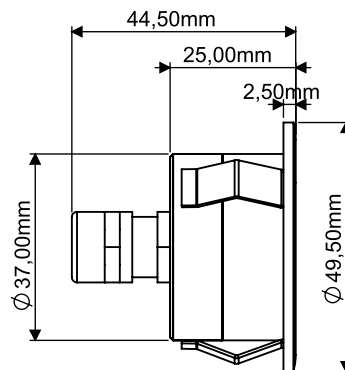
- Interior lighting for all sailing yachts and motor yachts
- AISI 316L Stainless steel
- Shockproof UV protection

Product Code	AL 3205
Boat Dimensions	For all sailing and motor yachts
LED Colours	White, Warm White, Blue
Watt	3W
Lumen	300 lumen
Volt	12VDC - 24VDC

= Ø 40mm

U.V. CE IP67 CLASS III 1 Year Guaranty Turkey Discover the potential

AL 3225-L

50,00mm
30,00mm
2,50mm
Ø 54,50mm
Ø 72,00mm
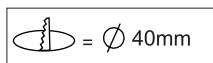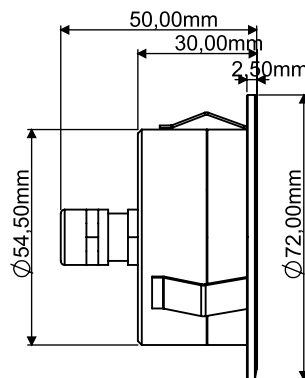
- Interior lighting for all sailing yachts and motor yachts
- AISI 316L Stainless steel
- Shockproof UV protection

Product Code	AL 3225
Boat Dimensions	For all sailing and motor yachts
LED Colours	White, Warm White, Blue
Watt	3W
Lumen	300 lumen
Volt	12VDC - 24VDC

= Ø 58mm

U.V. CE IP67 CLASS III 1 Year Guaranty Turkey Discover the potential

AL 3255-S

- Interior lighting for all sailing yachts and motor yachts
- AISI 316L Stainless steel
- Shockproof UV protection

50,00mm
31,00mm
5,00mm
Ø 25,00mm
Ø 34,50mm
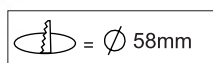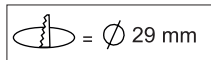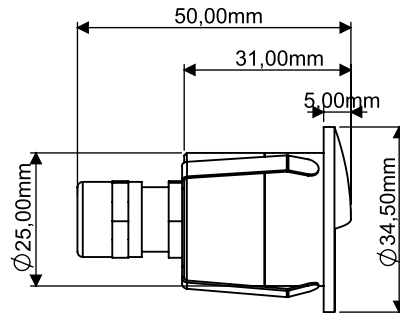
Product Code	AL 3255
Boat Dimensions	For all sailing and motor yachts
LED Colours	White, Warm White, Blue
Watt	3W
Lumen	300 lumen
Volt	12VDC - 24VDC

= Ø 29 mm   U.V.   CE IP67   CLASS III   1 Year Guaranty   Turkey Discover the potential

AL 3215-M

- Interior lighting for all sailing yachts and motor yachts
- AISI 316L Stainless steel
- Shockproof UV protection

51,50mm
32,00mm
9,50mm
Ø 37,00mm
Ø 49,50mm
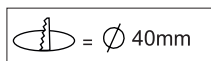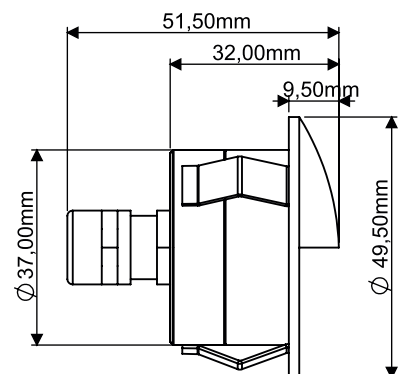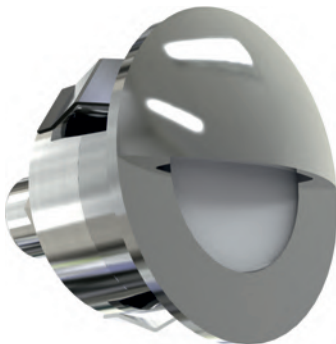
Product Code	AL 3215
Boat Dimensions	For all sailing and motor yachts
LED Colours	White, Warm White, Blue
Watt	3W
Lumen	300 lumen
Volt	12VDC - 24VDC

= Ø 40mm   U.V.   CE IP67   CLASS III   1 Year Guaranty   Turkey Discover the potential

AL 3235-L

- Interior lighting for all sailing yachts and motor yachts
- AISI 316L Stainless steel
- Shockproof UV protection

61,00mm
41,50mm
14,00mm
Ø 54,50mm
Ø 72,00mm
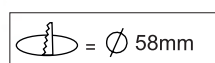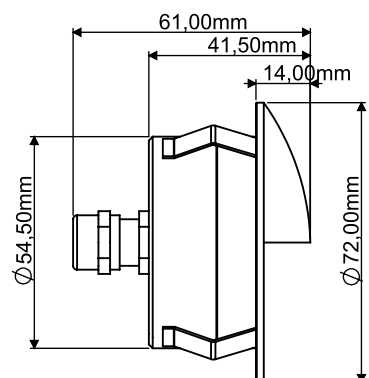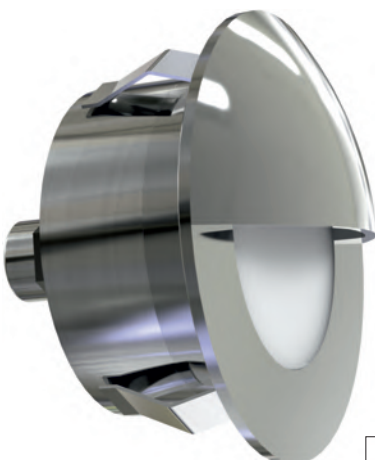
Product Code	AL 3235
Boat Dimensions	For all sailing and motor yachts
LED Colours	White, Warm White, Blue
Watt	3W
Lumen	300 lumen
Volt	12VDC - 24VDC

= Ø 58mm   U.V.   CE IP67   CLASS III   1 Year Guaranty   Turkey Discover the potential

AL 2012 SERIES
READING LIGHT

Crafted from high-quality AISI 316L stainless steel, our new reading lamp offers exceptional resistance to corrosion and impacts, making it perfect for indoor and outdoor use. With a 9V-31VDC operating range, it adapts to various power sources, ideal for yachts, caravans, or bedside use.

Equipped with 3 POWER LEDs, it delivers 3W and 300 lumens of bright, balanced light that minimizes eye strain. The lamp can be easily operated using the switch or touch control panel. An optional USB port (5V 3A) is available for convenient device charging, making it a versatile lighting solution for any setting.

AL 2012 MIRA / USB
USB Charging

• Constructed from AISI 316L stainless steel for exceptional resistance to corrosion and impact.

• Compatible with a variety of power sources, thanks to its 9V-31VDC input range.

• Features 3W power output and 300 lumens of brightness with balanced light distribution.

• Simple switch or touch-sensitive controls for effortless on/off functionality.

• Supports 5V 3A charging, providing a convenient way to power your devices.

• Low energy consumption and extended LED lifespan.

• Suitable for yachts, caravans, bedside use, or reading corners.

AL 2012 VERA

1 Year Guaranty

Turkey
Discover
the potential

AL 2012 SERIES

AL 2012 NORA	AL 2012 VERA	AL 2012 MIRA

	AL 2012 NORA	AL 2012TC NORA	AL 2012 VERA	AL 2012TC VERA	AL 2012 MIRA	AL 2012TC MIRA
Product Codes	AL 2012 NORA (WH,WW,NW)	AL 2012TC NORA (WH,WW,NW)	AL 2012 VERA (WH,WW,NW)	AL 2012TC VERA (WH,WW,NW)	AL 2012 MIRA (WH,WW,NW)	AL 2012TC MIRA (WH,WW,NW)
	AL 2012 NORA/USB (WH,WW,NW)	AL 2012TC NORA/USB (WH,WW,NW)	AL 2012 VERA/USB (WH,WW,NW)	AL 2012TC VERA/USB (WH,WW,NW)	AL 2012 MIRA/USB (WH,WW,NW)	AL 2012TC MIRA/USB (WH,WW,NW)
LED Colours	WH - White (6000K) , WW - Warm White (3000K), NW - Naturel White (4000K)					
Watt / Lumen	2,2W / 220 Lumen					
Volt	9-31VDC					
USB	The USB charger port is optional. USB charger support 5V 3A.					
Working Options	Switch On/Off	Touch On/Off	Switch On/Off	Touch On/Off	Switch On/Off	Touch On/Off

85,00mm Ø40,00mm 100,00mm 14,00mm Ø68,00mm

85,00mm Ø43,50mm 100,00mm 14,00mm Ø68,00mm

85,00mm Ø40,00mm 100,00mm 14,00mm Ø68,00mm

U.V. CE IP65 CLASS III 1 Year Guaranty Turkey Discover the potential

AL **AKER LIGHTING** ®
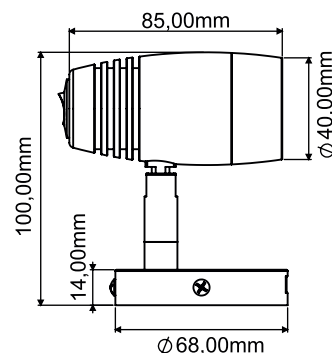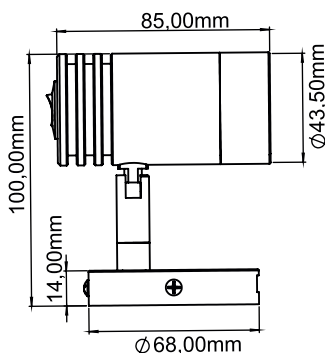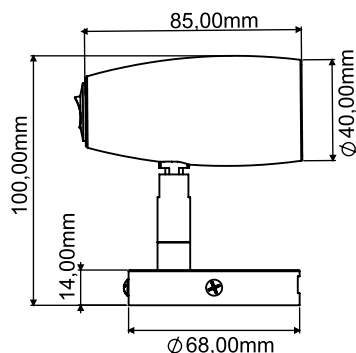
IP67 WATERPROOF DOWNLIGHT

SPECIFICATIONS

- Do not oxidizable and corrosion
- It has more high light and lumen for per watt through the new technology SMD LEDs.
- To send the light directly. So do not lose the light of led as indirect lighting.
- To emits the light homogeneous through has diffuser particulates PC glass.
- UV protected ABS frame. Nickel Black, Chrome, Matt Chrome, Tumbled Copper, Gold painting
- Thermal resin cooler body.

Product Codes	AL 4185	AL 4185TC	AL 4195	AL 4195TC	AL 4205	AL 4205TC
LED Colours	White (6000K) ,Day Light (4000K), Warm White (3000K)					
Watt / Lumen	6Watt / 600 Lumen		6Watt / 600 Lumen		12Watt / 1200 Lumen	
Volt	12V DC / 24V DC					
Working Options	ON/OFF with main line	Touch On/Off	ON/OFF with main line	Touch On/Off	ON/OFF with main line	Touch On/Off

AKER LIGHTING

AL 4185 SERIES

AL 4185 WH
(White Frame)

AL 4185 CR
(Chrome Frame)

AL 4185 AC
(Antique Copper Frame)

AL 4185 BL
(Black or Nickel Black Frame)

AL 4185 MCR
(Matt Chrome Frame)

AL 4185 SG
(Satin Gold Frame)

29,00mm
2,50mm
49,00mm
Ø 70,00mm
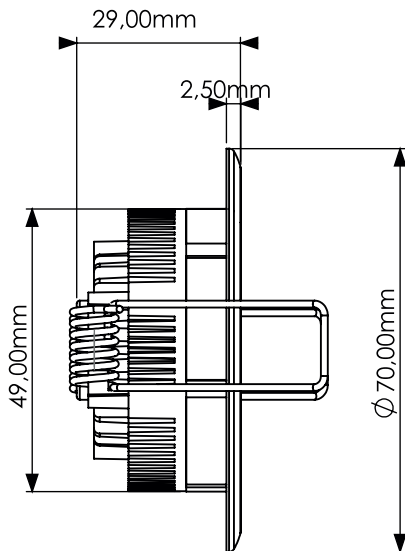
Product Codes	AL 4185	AL 4185TC (Touch Control)
LED Colours	White (6000K) ,Day Light (4000K), Warm White (3000K)	
Watt / Lumen	6Watt / 600 Lumen	
Volt	12V DC / 24V DC	
Product Sizes	Frame: 70mm, Height: 29mm, Hole dimension: 55mm	
Mounting Hole Diameter	= Ø 55 mm	
Working Options	Touch On/Off or ON/OFF with main line	

U.V.   CE IP67   CLASS III   1 Year Guaranty   Turkey Discover the potential

AL 4195 SERIES

AL 4195 WH
(White Frame)

AL 4195 CR
(Chrome Frame)

AL 4185 AC
(Antique Copper Frame)

AL 4195 BL
(Black or Nickel Black Frame)
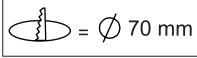
AL 4195 MCR
(Matt Chrome Frame)

AL 4195 SG
(Satin Gold Frame)

35,00mm
5,50mm
Ø 67,00mm
Ø 92,00mm
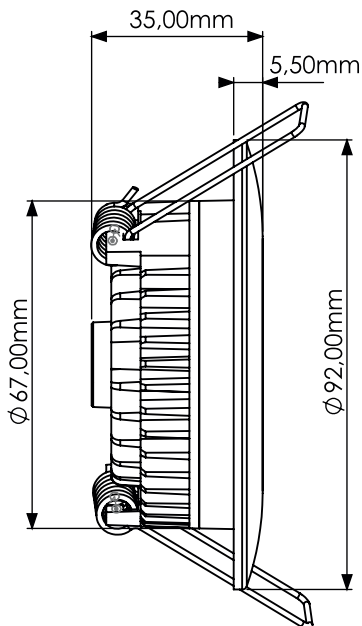
Product Codes	AL 4195	AL 4195TC (Touch Control)
LED Colours	White (6000K) ,Day Light (4000K), Warm White (3000K)	
Watt / Lumen	6Watt / 600 Lumen	
Volt	12V DC / 24V DC	
Product Sizes	Frame: 92mm, Height: 35mm, Hole dimension: 70mm	
Mounting Hole Diameter	= Ø 70 mm	
Working Options	Touch On/Off or ON/OFF with main line	

U.V. CE IP67 F CLASS III 1 Year Guaranty Turkey Discover the potential

AL 4205 SERIES

IP67 DOWNLIGHT SERIES

AL 4205 WH
(White Frame)

AL 4205 CR
(Chrome Frame)
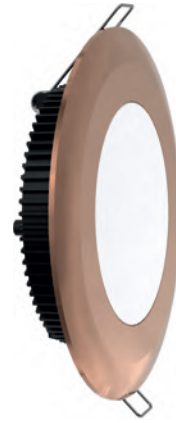
AL 4205 AC
(Antique Copper Frame)

AL 4205 BL
(Black or Nickel Black Frame)
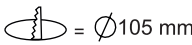
AL 4205 MCR
(Matt Chrome Frame)

AL 4205 SG
(Satin Gold Frame)

35,00mm
5,50mm
101,00mm
Ø 138,00mm
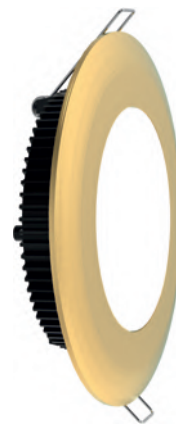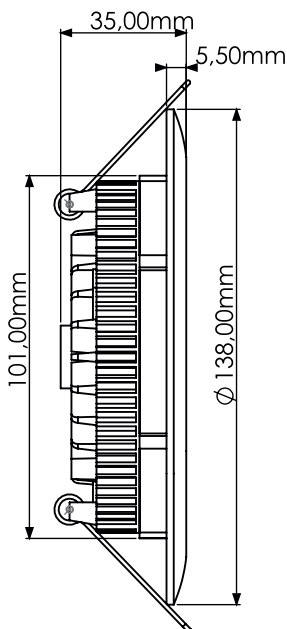
Product Codes	AL 4205	AL 4205TC (Touch Control)
LED Colours	White (6000K) ,Day Light (4000K), Warm White (3000K)	
Watt / Lumen	12Watt / 1200 Lumen	
Volt	12V DC / 24V DC	
Product Sizes	Frame: 138mm, Height: 35mm, Hole dimension: 105mm	
Mounting Hole Diameter	= Ø105 mm	
Working Options	Touch On/Off or ON/OFF with main line	

U.V.　　CE　IP67　　　　CLASS III　1 Year Guaranty　Turkey Discover the potential

AL 4215 WH

IP68 OUTDOOR LIGHTING FOR BOAT
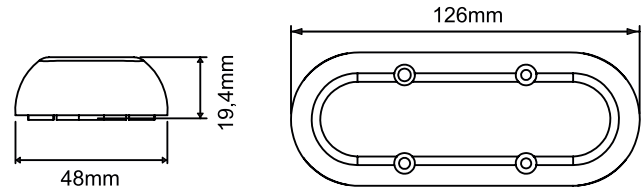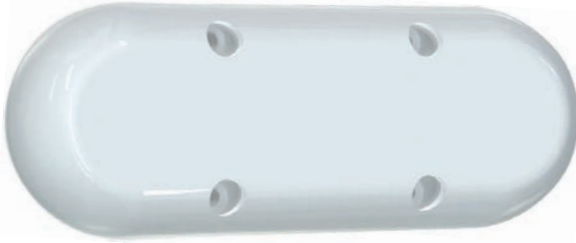
126mm

19,4mm

48mm

Interior & exterior lighting for all sailing yachts and motor yachts
PC impact-resistant glass
Shockproof UV protection

Product Code	AL 4215 WH
Boat Dimensions mt./ft.	For all sailing yachts and motor yachts
LED Colours	White, Warm White, Blue
Watt	6W
Lumen	600 lumen
Volt	12VDC - 24VDC

1 Year Guaranty

Turkey Discover the potential

U.V. CE IP68 CLASS III

AL 4215 TR

IP68 OUTDOOR LIGHTING FOR BOAT
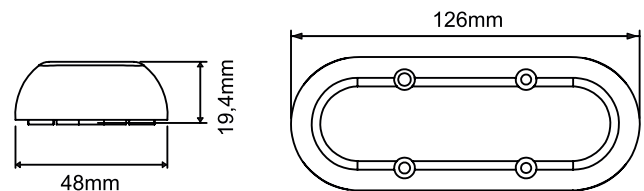
126mm

19,4mm

48mm

Interior & exterior lighting for all sailing yachts and motor yachts
PC impact-resistant glass
Shockproof UV protection

Product Code	AL 4215 TR
Boat Dimensions mt./ft.	For all sailing yachts and motor yachts
LED Colours	White, Warm White, Blue
Watt	6W
Lumen	600 lumen
Volt	12VDC - 24VDC

1 Year Guaranty

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U.V. CE IP68 CLASS III

AL SML101 — SAILBOAT POLE LIGHTING

Ø 178 mm

74 mm
64 mm
38 mm

222 mm
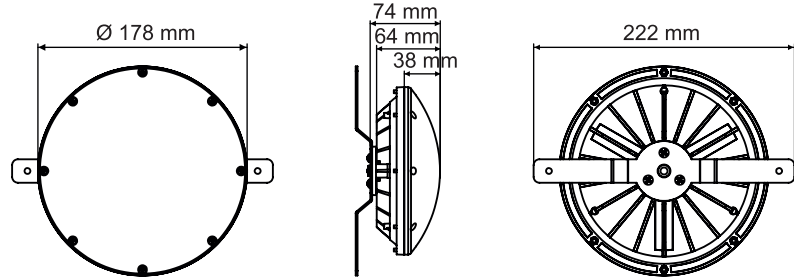
For all sailing boats and motor yachts.
- Salt water resistant pantented.
- Aluminium cooling body.
- Low energy consumption.
- High light, Long life.
- Low installation cost.
- The resistant body and glass althought U.V. and and impact.
- IP68 waterproof protection.

Product Code	AL SML101
Boat Dimensions mt./ft.	For all sailing boats and motor yacht
Single Colour LED	84 Pcs 5730 SMD High Power LED
LED Degree	110°
Volt	12VDC
Current 12V	2.7A
Watt	Single Colour 42W.
LED Colour / Lumen	White 4200 lumen, Warm White 4200 lumen, Blue 2520 lumen
Product Cable	2 mt. 2x1 RNF Marine Cable

U.V. CE IP68 F CLASS III   1 Year Guaranty   Turkey Discover the potential

AL SML102 — SAILBOAT POLE LIGHTING

Ø127mm

68mm
55mm

150mm
135mm
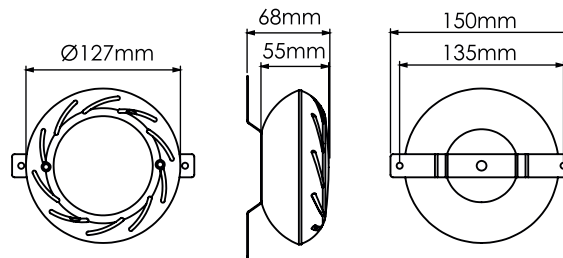
For all sailing boats and motor yachts.
- Salt water resistant pantented.
- Termal cooling body.
- Low energy consumption.
- High light, Long life.
- Low installation cost.
- The resistant body and glass althought U.V. and and impact.
- IP68 waterproof protection.

Product Code	AL SML102
Boat Dimensions mt./ft.	For all sailing boats and motor yacht
Single Colour LED	30 Pcs 5730 SMD High Power LED
LED Degree	110°
Volt	12VDC , 24VDC, 10-30VDC
Current 12V	2.7A
Watt	Single Colour 15W.
LED Colour / Lumen	White 1500 lumen, Warm White 1500 lumen, Blue 900 lumen
Product Cable	2 mt. 2x0,50 RNF Marine Cable

U.V. CE IP68 F CLASS III   1 Year Guaranty   Turkey Discover the potential

Specifications
Slim and stylish design
Three chipped led technology
High power SMD LED
Low energy consumption
Aluminium body
PC lens
Easy assembly

Using Area
Indoor lightings
Under of the cabnets of bathroom
and kitchen
Inside of wardrop

AL LB1030
AL LB1030-H
30 cm LEDBAR LIGHTING
WITH 45 LEDS
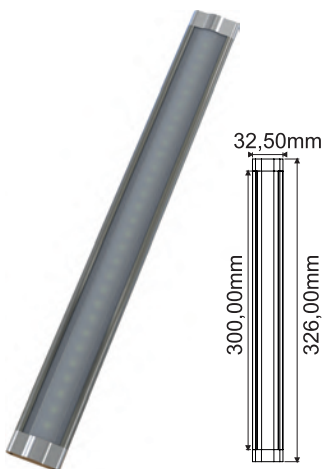
LED	:	With 3 Chips 45 Pcs SMD LED
Body Colour	:	Satin nickel body
	:	White, Warm White Blue, RGB
Lumen	:	200 Lumen (AL LB1030) 900 Lumen (AL LB1030-H)
Volt	:	12 VDC
Watt	:	3W 9W
Package	:	20 Pcs

32,50mm
300,00mm
326,00mm

IP33 **CLASS III**

AL LB1060
AL LB1060-H
60 cm LEDBAR LIGHTING
WITH 90 LEDS
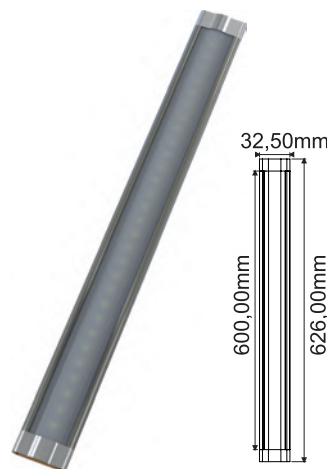
LED	:	With 3 Chips 90 Pcs SMD LED
Body Colour	:	Satin nickel body
	:	White, Warm White Blue, RGB
Lumen	:	400 Lumen (AL LB1060) 1800 Lumen (AL LB1060-H)
Volt	:	12 VDC
Watt	:	6W 18W
Package	:	20 Pcs

32,50mm
600,00mm
626,00mm

IP33 **CLASS III**

AL LB1090
AL LB1090-H
90 cm LEDBAR LIGHTING
WITH 135 LEDS
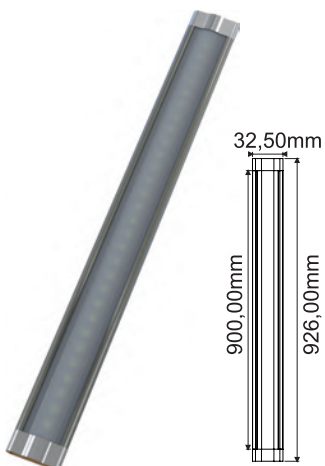
LED	:	With 3 Chips 135 Pcs SMD LED
Body Colour	:	Satin nickel body
	:	White, Warm White Blue, RGB
Lumen	:	600 Lumen (AL LB1090) 2700 Lumen (AL LB1090-H)
Volt	:	12 VDC
Watt	:	9W 27W
Package	:	20 Pcs

32,50mm
900,00mm
926,00mm

IP33 **CLASS III**

AL LB10120
AL LB10120-H
120 cm LEDBAR LIGHTING
WITH 180 LEDS
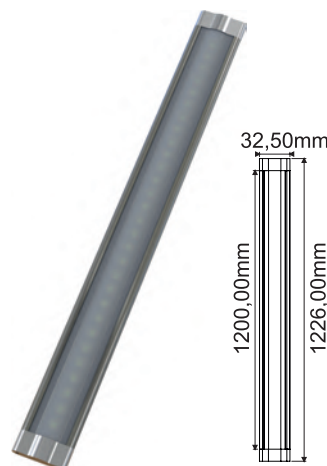
LED	:	With 3 Chips 180 Pcs SMD LED
Body Colour	:	Satin nickel body
	:	White, Warm White Blue, RGB
Lumen	:	800 Lumen (AL LB10120) 3600 Lumen (AL LB10120-H)
Volt	:	12 VDC
Watt	:	12W 36W
Package	:	20 Pcs

32,50mm
1200,00mm
1226,00mm

IP33 **CLASS III**

AL PA01-35
30-60 CM FOR LEDBAR DRIVER

Input : AC100-240V
50-60 Hz 0.2A
Output : DC 12V 6W 0.5A

Using Area
The led bar can be used until 60 cm.

The strip SMD LEDs can be used until 1 m. 60 Led / m.

IP20 ⊻ ※ **CLASS III**

AL LD01-120
90-240 CM FOR LEDBAR DRIVER

Input : AC100-240V
50-60 Hz
Output : DC 12V 24W 2A

Using Area
The led bar can be used until 240 cm.

The strip SMD LEDs can be used until 5 m. 60 Led / m.

IP20 ⊻ ※ **CLASS III**

AL LD02-240
120-300 CM FOR LEDBAR DRIVER

Input : AC100-240V
50-60 Hz
Output : DC 12V 30W 2,5A

Using Area
The led bar can be used until 300 cm.

The strip SMD LEDs can be used until 6 m. 60 Led / m.

IP20 ⊻ ※ **CLASS III**

AL LB 6005
LED BAR ADD APPARATUS
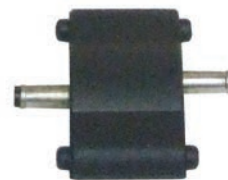
DC PIN :3.5 mm x 1.35 mm

Colour : Black

Using Area
The led bar add apparatus
Stylish design

IP20 ⊻ ※ **CLASS III**

AKER LIGHTING

AL UWL301 TH CORE

THE CORE OF THRU-HULL UNDERWATER YACHT LIGHTING

123 mm

Ø 36

Ø 52
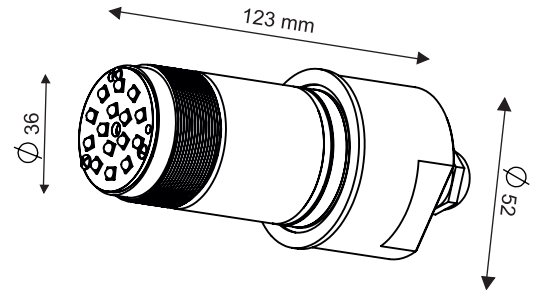
Aluminium core
3535 LED
Thru-Hull Underwater Lighting

Product Code	AL UWL301 TH CORE
Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.
LED Colours	16x5W 3535 High Power LED
RGBW LED	15x4W 3535 High Power LED
LED Degree	110°
Volt	10-30VDC

U.V. CE F CLASS III

AL UWC301 TH CORE

THE CORE OF THRU-HULL UNDERWATER YACHT CAMERA

123 mm

Ø 36

Ø 52
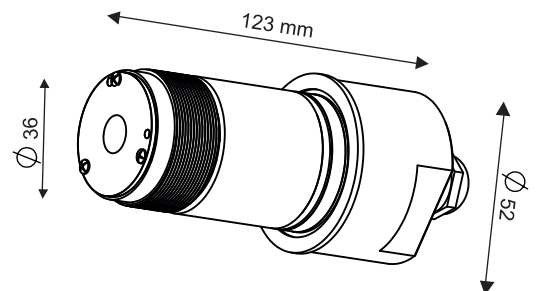
Aluminium core
Full HD 1080P
Thru-Hull Underwater Lighting

Product Code	AL UWC301 TH CORE
Boat Dimensions mt./ft.	For all sailing yachts and motor yachts
Resolution	Full HD 1080P
Camera Lens	2MP SONY
Effective Pixels	1920 (H) X 1080 (V)
Volt	12 VDC

U.V. CE F CLASS III

AKER LIGHTING

AL UWL302 TH CORE

THE CORE OF THRU-HULL UNDERWATER YACHT LIGHTING

119 mm
Ø 49
Ø 68
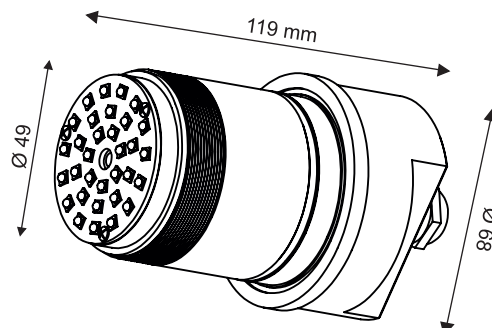
Aluminium core
3535 LED
Thru-Hull Underwater Lighting

Product Code	AL UWL302 TH CORE
Boat Dimensions mt./ft.	7mt. - 50mt. / 25ft. - 165ft.
Single Colour LED	32x5W 3535 High Power LED
RGBW LED	30x4W 3535 High Power LED
LED Degree	110°
Volt	10-30VDC

U.V. CE F CLASS III

AL UWL303 TH CORE

THE CORE OF THRU-HULL UNDERWATER YACHT LIGHTING

152mm
Ø 80
Ø 108
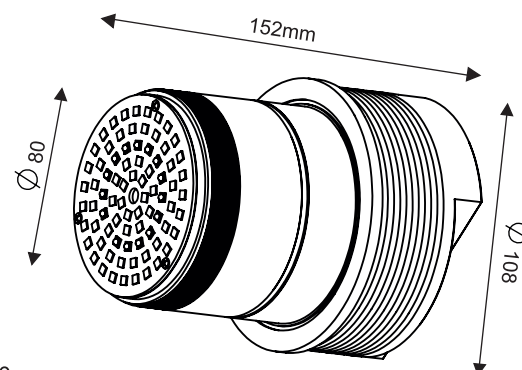
Aluminium core
3535 LED
Thru-Hull Underwater Lighting

Product Code	AL UWL303 TH CORE
Boat Dimensions mt./ft.	15mt. - 100mt. / 50ft. - 330ft.
LED Colours	64x5W 3535 High Power LED
RGBW LED	60x4W 3535 High Power LED
LED Degree	110°
Volt	10-30VDC

U.V. CE F CLASS III
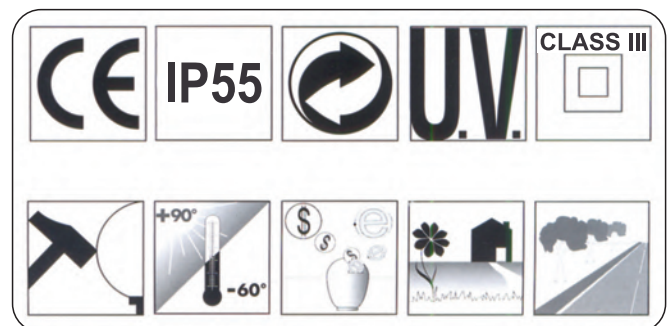
SOLAR LIGHTING
WE WILL HELP YOU SAVE THE PLANET
## WITH OUR RESIN SOLAR LIGHTING

NO ENERGY CONSUMPTION

ENVIRONMENTALIST AND SAFETY ENERGY

"Our goal is to meet everday outdoor lighting needs of home owners, neighborhoods and commercial property managers with High-Quality, Eco-Friendly solar lighting products that solve Real-World problems, are built to last, and bring distinction wherever they are installed."

CE IP55 U.V. CLASS III
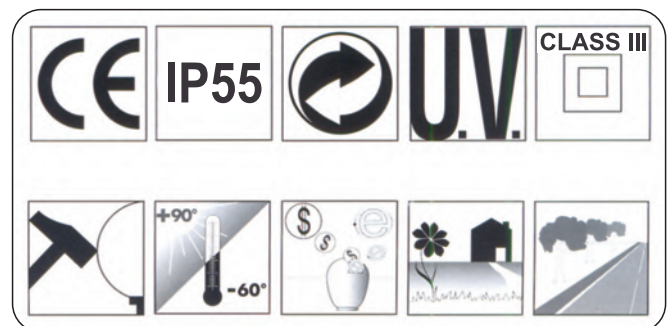
AL SLR4130 WH/BL

BEGONIA SOLAR LIGHTING
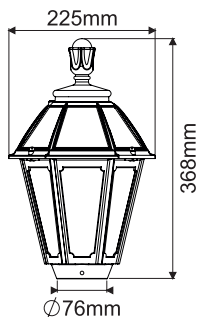
225mm

368mm

⌀76mm

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 12 Pcs
Package Size	: 71 x 54,5 x 60,5 cm

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 CLASS III

AL SLR4131 WH/BL

BEGONIA SOLAR LIGHTING
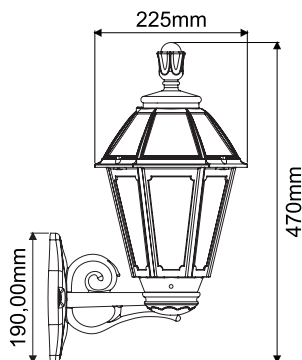
225mm

470mm

190,00mm

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 12 Pcs
Package Size	: 71 x 54,5 x 60,5 cm

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 CLASS III

AL SLR4133 WH/BL

BEGONIA SOLAR LIGHTING
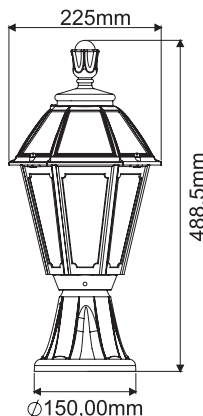
225mm

488,5mm

⌀150,00mm

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 12 Pcs
Package Size	: 71 x 54,5 x 60,5 cm

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 CLASS III

AKER LIGHTING

AL SLR4134 WH/BL

BEGONIA SOLAR LIGHTING

225mm

448,5mm

Ø 60mm & 78mm

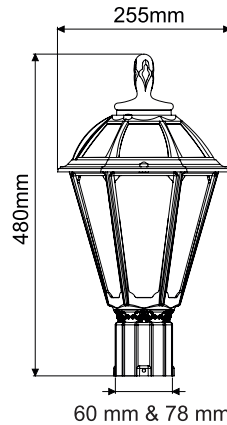| LED Bulb | : Warm White |
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 12 Pcs
Package Size	: 71 x 54,5 x 60,5 cm

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 F CLASS III

AL SLR4130-106 WH/BL

BEGONIA PILLARED SOLAR LIGHTING

225mm

106mm

Ø 193,50mm

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 6 Pcs

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 F CLASS III

AL SLR4130-158 WH/BL

BEGONIA PILLARED SOLAR LIGHTING

225mm

158mm

Ø193,50mm

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 6 Pcs

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 CLASS III

AL SLR4130-206 WH/BL

BEGONIA PILLARED SOLAR LIGHTING

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 6 Pcs

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

225mm

206mm

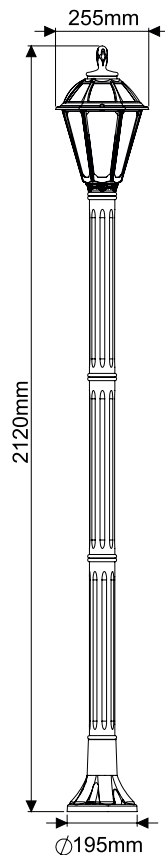Ø 193,50mm

U.V. CE IP55 CLASS III

SOLAR LIGHTING
WE WILL HELP YOU SAVE THE PLANET
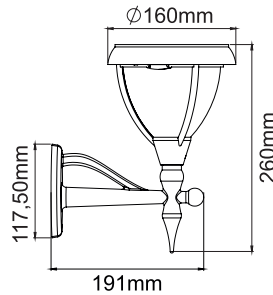## WITH OUR RESIN SOLAR LIGHTING

NO ENERGY CONSUMPTION

ENVIRONMENTALIST AND SAFETY ENERGY

"Our goal is to meet everday outdoor lighting needs of home owners, neighborhoods and commercial property managers with High-Quality, Eco-Friendly solar lighting products that solve Real-World problems, are built to last, and bring distinction wherever they are installed."

CE IP55 U.V. CLASS III

+90° -60°

AKER LIGHTING

AL SLR4030 WH/BL

SARDINIA SOLAR LIGHTING
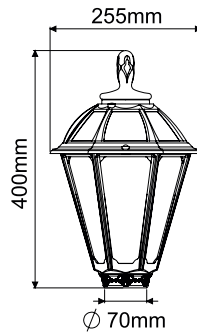
255mm
400mm
∅ 70mm

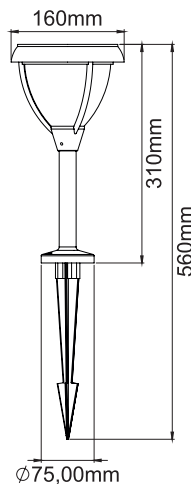|	
LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 12 Pcs
Package Size	: 71 x 54,5 x 60,5 cm

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 F CLASS III

AL SLR4031 WH/BL

SARDINIA SOLAR LIGHTING
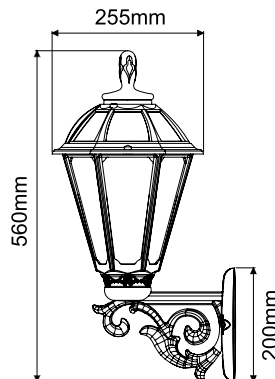
255mm
560mm
200mm

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 12 Pcs
Package Size	: 71 x 54,5 x 60,5 cm

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
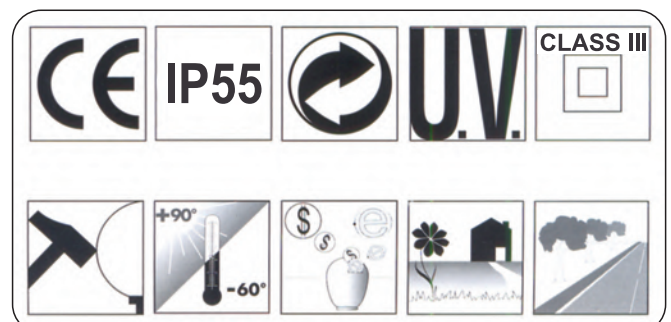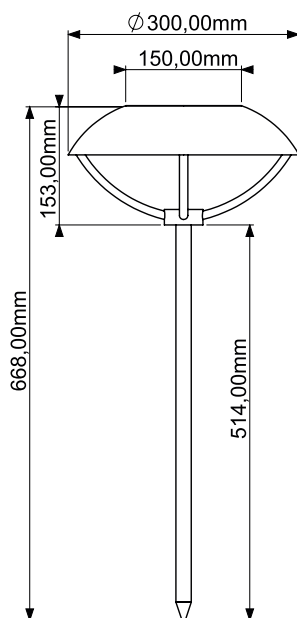Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 F CLASS III

AL SLR4033 WH/BL

SARDINIA SOLAR LIGHTING
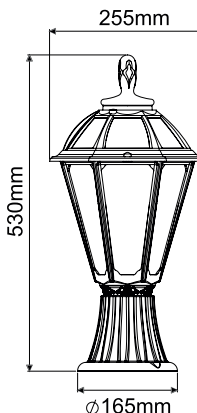
255mm
530mm
∅165mm

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 12 Pcs
Package Size	: 71 x 54,5 x 60,5 cm

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 F CLASS III

AKER LIGHTING

AL SLR4034 WH/BL

SARDINIA SOLAR LIGHTING

255mm

480mm

60 mm & 78 mm

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 12 Pcs
Package Size	: 71 x 54,5 x 60,5 cm

Specifications
Special E14 LED bulb
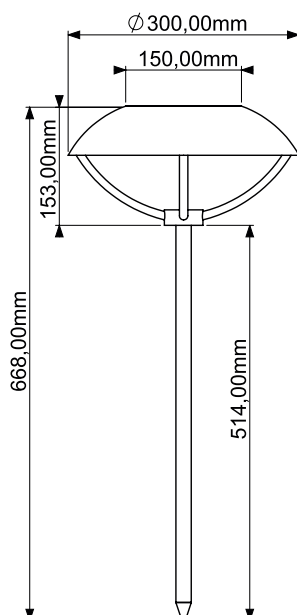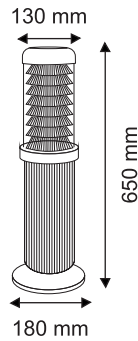Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 CLASS III

AL SLR4030-112 WH/BL

SARDINIA PILLARED SOLAR LIGHTING

255mm

1120mm

Ø195mm

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 4,2W
Bulb Watt	: 3W
Lighting Time	: 9-12 Hours
Lumen	: 300 Lumens
Battery	: Li-Ion Rechargable
Package	: 6 Pcs

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 CLASS III

AL SLR4030-162 WH/BL

SARDINIA PILLARED SOLAR LIGHTING

255mm

1620mm

∅195mm

LED Bulb : Warm White
Colour : White, Black
Volt : 3,2V
Panel Watt : 4,2W
Bulb Watt : 3W
Lighting Time : 9-12 Hours
Lumen : 300 Lumens
Battery : Li-Ion Rechargable
Package : 6 Pcs

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. ♻ CE IP55 ▽ ❈ ⚠ ⚠ **CLASS III**

AL SLR4030-212 WH/BL

SARDINIA PILLARED SOLAR LIGHTING

LED Bulb : Warm White
Colour : White, Black
Volt : 3,2V
Panel Watt : 4,2W
Bulb Watt : 3W
Lighting Time : 9-12 Hours
Lumen : 300 Lumens
Battery : Li-Ion Rechargable
Package : 6 Pcs

Specifications
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

255mm

2120mm

∅195mm

U.V. ♻ CE IP55 ▽ ❈ ⚠ ⚠ **CLASS III**

SOLAR LIGHTING
WE WILL HELP YOU SAVE THE PLANET
WITH OUR RESIN SOLAR LIGHTING

NO ENERGY CONSUMPTION

ENVIRONMENTALIST AND SAFETY ENERGY

"Our goal is to meet everday outdoor lighting needs of home owners, neighborhoods and commercial property managers with High-Quality, Eco-Friendly solar lighting products that solve Real-World problems, are built to last, and bring distinction wherever they are installed."

CE IP55 U.V. CLASS III

+90° -60°

AL SLR4141 ACACIA

ACACIA SOLAR GARDEN LIGHTING

∅160mm
260mm
117,50mm
191mm

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 1W
LED Watt	: 1W
Lighting Time	: 7-9 Hours
Lumen	: 100 Lumens
Battery	: Li-Ion Rechargable
Package	: 20 Pcs
Package Size	: 71 x 54,5 x 60,5 cm

Specifications
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 F CLASS II

AL SLR4143 ACACIA

ACACIA SOLAR GARDEN LIGHTING

160mm
310mm
560mm
∅75,00mm

LED Bulb	: Warm White
Colour	: White, Black
Volt	: 3,2V
Panel Watt	: 1W
LED Watt	: 1W
Lighting Time	: 7-9 Hours
Lumen	: 100 Lumens
Battery	: Li-Ion Rechargable
Package	: 20 Pcs
Package Size	: 71 x 54,5 x 60,5 cm

Specifications
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

U.V. CE IP55 F CLASS II

SOLAR LIGHTING
WE WILL HELP YOU SAVE THE PLANET
WITH OUR RESIN SOLAR LIGHTING

NO ENERGY CONSUMPTION

ENVIRONMENTALIST AND SAFETY ENERGY

"Our goal is to meet everday outdoor lighting needs of home owners, neighborhoods and commercial property managers with High-Quality, Eco-Friendly solar lighting products that solve Real-World problems, are built to last, and bring distinction wherever they are installed."

CE | IP55 | U.V. | CLASS III

+90° -60°

AL SLR4243 BL MIMOSA

MIMOSA SOLAR GARDEN LIGHTING

LED Bulb	: Warm White
Colour	: Black
Volt	: 3,2V
Panel Watt	: 1W
LED Watt	: 1W
Lighting Time	: 7-9 Hours
Lumen	: 100 Lumens
Battery	: Li-Ion Rechargable

Specifications
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

∅ 300,00mm
150,00mm
153,00mm
668,00mm
514,00mm

U.V. CE IP55 F CLASS II

AL SLR4243 WH MIMOSA

MIMOSA SOLAR GARDEN LIGHTING

LED Bulb	: Warm White
Colour	: White
Volt	: 3,2V
Panel Watt	: 1W
LED Watt	: 1W
Lighting Time	: 7-9 Hours
Lumen	: 100 Lumens
Battery	: Li-Ion Rechargable

Specifications
Eco-Friendly solar lighting
UV protected resin body
Resistant PC glass towards UV and impact
Up to 12-14 hours on a full charge
Turn on automaticly at dusk

∅ 300,00mm
150,00mm
153,00mm
668,00mm
514,00mm

U.V. CE IP55 F CLASS II

AKER LIGHTING

AL SLR4016-650 WH · SOLAR MARINE LANTERN

130 mm
650 mm
180 mm

U.V. CE IP55 F CLASS III

LED Bulb	: White
Colour	: White
Volt	: 3,2V
Panel Watt	: 1,8W
Bulb Watt	: 2,W
Lighting Time	: 8-10 Hours
Lumen	: 200 Lumens
Battery	: Li-Ion Rechargable
Package	: 20 Pcs
Package Size	: 60,5 x 40,5 x 68 cm

Specifications
LED bulb
Eco-Friendly solar lighting
UV protected ABS body
Resistant PC glass towards UV and impact
Up to 8-10 hours on a full charge
Turn on automaticly at dusk

AL SLR4016-650 BL · SOLAR MARINE LANTERN

130 mm
650 mm
180 mm

U.V. CE IP55 F CLASS III

LED Bulb	: White
Colour	: Black
Volt	: 3,2V
Panel Watt	: 1,8W
Bulb Watt	: 2,W
Lighting Time	: 8-10 Hours
Lumen	: 200 Lumens
Battery	: Li-Ion Rechargable
Package	: 20 Pcs
Package Size	: 60,5 x 40,5 x 68 cm

Specifications
LED bulb
Eco-Friendly solar lighting
UV protected ABS body
Resistant PC glass towards UV and impact
Up to 8-10 hours on a full charge
Turn on automaticly at dusk

AL SLR4016-650 SG · SOLAR MARINE LANTERN

130 mm
650 mm
180 mm

U.V. CE IP55 F CLASS III

LED Bulb	: White
Colour	: Silver Grey
Volt	: 3,2V
Panel Watt	: 1,8W
Bulb Watt	: 2,W
Lighting Time	: 8-10 Hours
Lumen	: 200 Lumens
Battery	: Li-Ion Rechargable
Package	: 20 Pcs
Package Size	: 60,5 x 40,5 x 68 cm

Specifications
LED bulb
Eco-Friendly solar lighting
UV protected ABS body
Resistant PC glass towards UV and impact
Up to 8-10 hours on a full charge
Turn on automaticly at dusk

AL SLR4016-500 WH
SOLAR MARINE LANTERN

LED Bulb	: White
Colour	: White
Volt	: 3,2V
Panel Watt	: 1,8W
Bulb Watt	: 2,W
Lighting Time	: 8-10 Hours
Lumen	: 200 Lumens
Battery	: Li-Ion Rechargable
Package	: 20 Pcs
Package Size	: 60,5 x 40,5 x 68 cm

130 mm
500 mm
180 mm

Specifications
LED bulb
Eco-Friendly solar lighting
UV protected ABS body
Resistant PC glass towards UV and impact
Up to 8-10 hours on a full charge
Turn on automaticly at dusk

U.V. ⟳ CE IP55 �F ❉ ⚠ ⚠ CLASS III

AL SLR4016-500 BL
SOLAR MARINE LANTERN

LED Bulb	: White
Colour	: Black
Volt	: 3,2V
Panel Watt	: 1,8W
Bulb Watt	: 2,W
Lighting Time	: 8-10 Hours
Lumen	: 200 Lumens
Battery	: Li-Ion Rechargable
Package	: 20 Pcs
Package Size	: 60,5 x 40,5 x 68 cm

130 mm
500 mm
180 mm

Specifications
LED bulb
Eco-Friendly solar lighting
UV protected ABS body
Resistant PC glass towards UV and impact
Up to 8-10 hours on a full charge
Turn on automaticly at dusk

U.V. ⟳ CE IP55 ⊏F ❉ ⚠ ⚠ CLASS III

AL SLR4016-500 SG
SOLAR MARINE LANTERN

LED Bulb	: White
Colour	: Silver Grey
Volt	: 3,2V
Panel Watt	: 1,8W
Bulb Watt	: 2,W
Lighting Time	: 8-10 Hours
Lumen	: 200 Lumens
Battery	: Li-Ion Rechargable
Package	: 20 Pcs
Package Size	: 60,5 x 40,5 x 68 cm

130 mm
500 mm
180 mm

Specifications
LED bulb
Eco-Friendly solar lighting
UV protected ABS body
Resistant PC glass towards UV and impact
Up to 8-10 hours on a full charge
Turn on automaticly at dusk

U.V. ⟳ CE IP55 ⊏F ❉ ⚠ ⚠ CLASS III

AL 3265Y — SINGLE-SIDED WALL LIGHTING

LED	: 3 Pcs POWER LED
Colour	: White, Warm White, Natural White
Volt	: 220V or 9-30VDC
Watt	: 3W
Material	: 316L Stainless Steel

91,50mm
16,00mm
$\varnothing$60,00mm
$\varnothing$48,00mm
82,50mm
$\varnothing$46,50mm
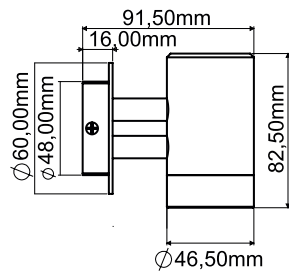
U.V.　CE　IP67　F　CLASS I

AL 3265K — SINGLE-SIDED WALL LIGHTING

LED	: 3 Pcs POWER LED
Colour	: White, Warm White, Natural White
Volt	: 220V or 9-30VDC
Watt	: 3W
Material	: 316L Stainless Steel

91,50mm
16,00mm
$\varnothing$60,00mm
$\varnothing$48,00mm
82,50mm
$\varnothing$46,50mm
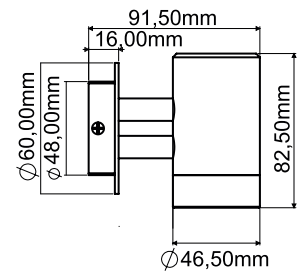
U.V.　CE　IP67　F　CLASS I

AL 3275Y — DOUBLE-SIDED WALL LIGHTING

LED	: 6 Pcs POWER LED
Colour	: White, Warm White, Natural White
Volt	: 220V or 9-30VDC
Watt	: 6W
Material	: 316L Stainless Steel

91,50mm
$\varnothing$46,50mm
16,00mm
$\varnothing$60,00mm
$\varnothing$48,00mm
99,50mm
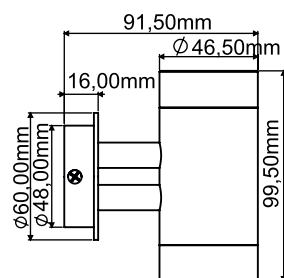
U.V.　CE　IP67　F　CLASS I

AL 3275K — DOUBLE-SIDED WALL LIGHTING

LED	: 6 Pcs POWER LED
Colour	: White, Warm White, Natural White
Volt	: 220V or 9-30VDC
Watt	: 6W
Material	: 316L Stainless Steel

91,50mm
$\varnothing$46,50mm
16,00mm
$\varnothing$60,00mm
$\varnothing$48,00mm
99,50mm
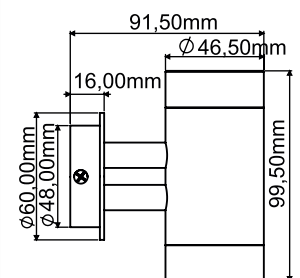
U.V.　CE　IP67　F　CLASS I
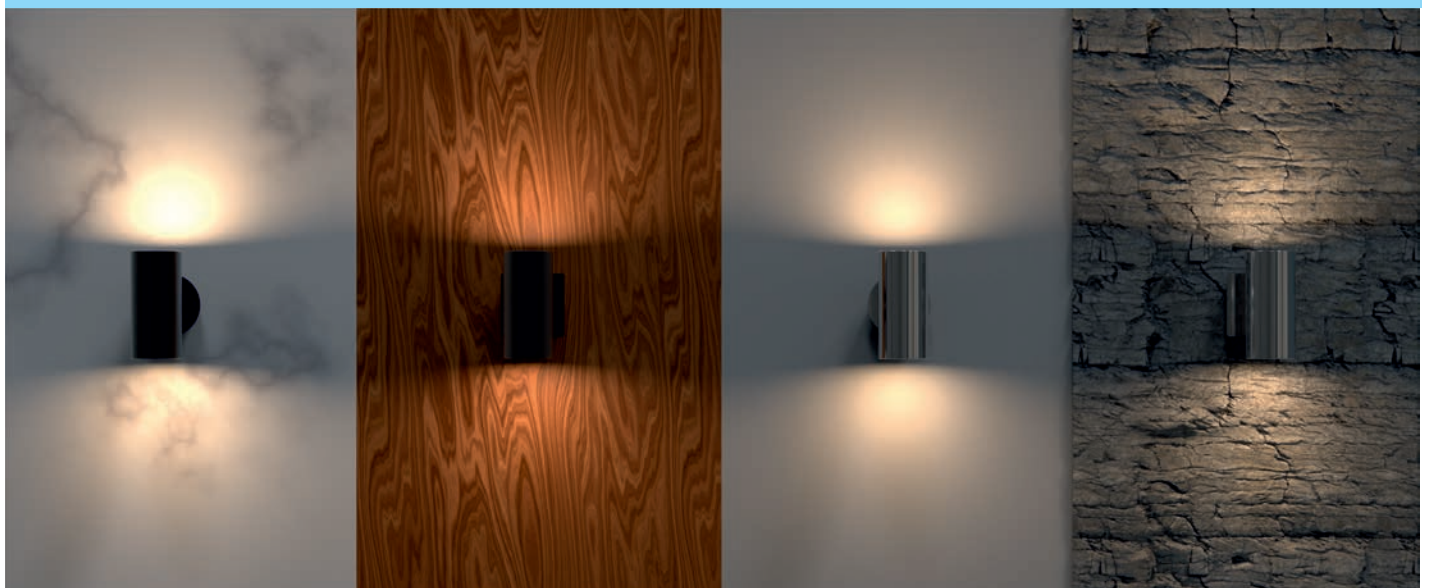
AL 3175K

RECESSED LED WALL LIGHTING
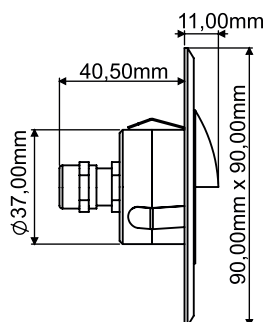
11,00mm
40,50mm
Ø37,00mm
90,00mm x 90,00mm

LED	: 3 Pcs 5730 SMD LED
LED Colour	: White, Warm White, Natural White, Blue
Lumen	: White LED : 300 lumen
	Warm White LED : 300 lumen
	Natural White LED : 300 lumen
	Blue LED : 160 lumen
Volt	: 12VDC or 24VDC
Watt	: 3W

Specifications
AISI 316L Stainless steel
High light, long life, low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No Corrossion
1 years quaranty

U.V. CE IP67 F CLASS III

AL 3175Y

RECESSED LED WALL LIGHTING
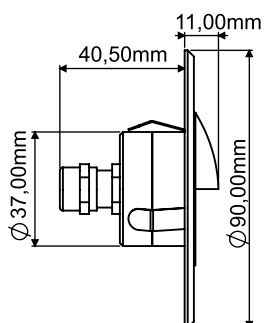
11,00mm
40,50mm
Ø37,00mm
Ø90,00mm

LED	: 3 Pcs 5730 SMD LED
LED Colour	: White, Warm White, Natural White, Blue
Lumen	: White LED : 300 lumen
	Warm White LED : 300 lumen
	Natural White LED : 300 lumen
	Blue LED : 160 lumen
Volt	: 12VDC or 24VDC
Watt	: 3W

Specifications
AISI 316L Stainless steel
High light, long life, low energy consumption
Resistant special glass and body towards UV and impact
Recycleable Eco-Friendly materials
No Corrossion
1 years quaranty

U.V. CE IP67 F CLASS III
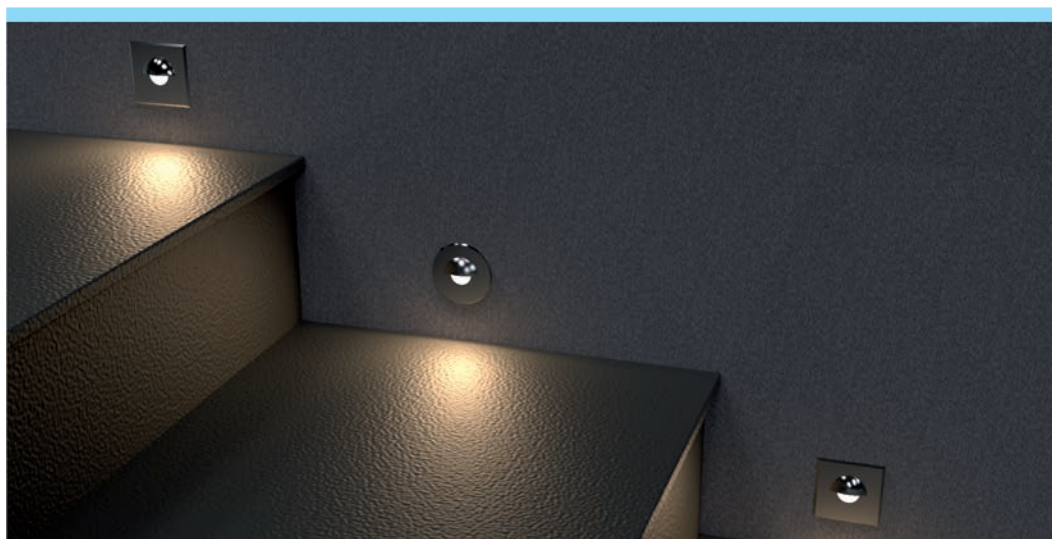
AKER LIGHTING

AL 3035Y — 3x1W & 3x3W (RGB) UNDERGROUND POWER LED LIGHTING
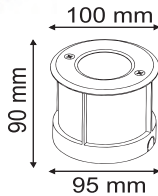
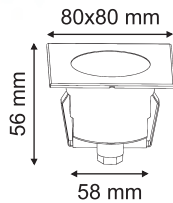|	
LED	: 3x1W Power LED
	3x3W RGB
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 300 lumen
Volt	: 220V
Watt	: 3W - 9W (RGB)
Package	: 20 Pcs

Specifications
Thermal resin cooled body
AISI 316L Stainless steel frame
Tempered glass
Underground lighting
RGB full colour

100 mm
90 mm
95 mm

U.V. CE IP67 CLASS I

AL 3035K — 3x1W & 3x3W (RGB) UNDERGROUND POWER LED LIGHTING
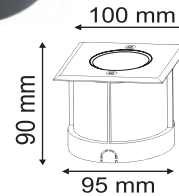
LED	: 3x1W Power LED
	3x3W RGB
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 300 lumen
Volt	: 220V
Watt	: 3W - 9W (RGB)
Package	: 20 Pcs

Specifications
Thermal resin cooled body
AISI 316L Stainless steel frame
Tempered glass
Underground lighting
RGB full colour

100 mm
90 mm
95 mm

U.V. CE IP67 CLASS I

AL 3075Y — UNDERGROUND POWER LED LIGHTING
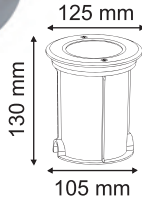
Socket	: GU10
Colour	: Chrome
Volt	: 12V 50W
Package	: 18 Pcs

Specifications
AISI 316L Stainles steel frame
Tempered glass
Underground lighting

125 mm
130 mm
105 mm

U.V. CE IP67 CLASS II

AL 3075Y — 6x1W & 6x3W (RGB) UNDERGROUND POWER LED LIGHTING
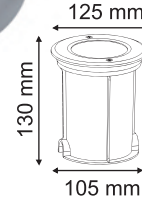
LED	: 6x1W Power Led
	6x3W RGB
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 600
Volt	: 220V
Watt	: 6W - 18W (RGB)
Package	: 18 Pcs

Specifications
AISI 316L Stainles steel frame
Tempered glass
Underground lighting
RGB full colour

125 mm
130 mm
105 mm

U.V. CE IP67 CLASS II

AL 3075K — UNDERGROUND POWER LED LIGHTING
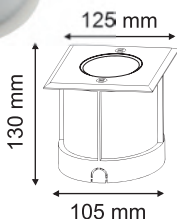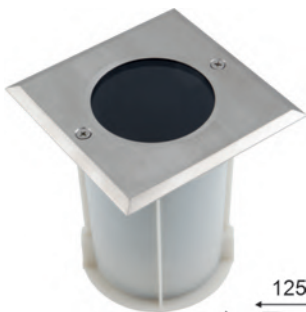
Socket	: GU10
Colour	: Chrome
Volt	: 12V 50W
Package	: 18 Pcs

Specifications
AISI 316L Stainles Steel frame
Tempered glass
Underground lighting

125 mm
130 mm
105 mm

U.V. CE IP67 CLASS II

AL 3075K — 6x1W & 6x3W (RGB) UNDERGROUND POWER LED LIGHTING
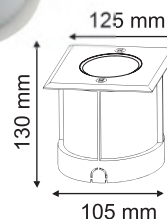
LED	: 6x1W Power Led
	6x3W RGB
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 600
Volt	: 220V
Watt	: 6W - 18W (RGB)
Package	: 18 Pcs

Specifications
AISI 316L Stainles Steel frame
Tempered glass
Underground lighting
RGB full colour

125 mm
130 mm
105 mm

U.V. CE IP67 CLASS II

AL 3135Y — 9x1W & 9x3W(RGB) UNDERGROUND POWER LED LIGHTING

LED : 9x1W Power LED
: 9x3W RGB
Colour : White, Warm White, Blue, Green, Red, Amber, RGB
Lumen : 900
Volt : 220V
Watt : 9W - 27W (RGB)
Package : 20 Pcs

Specifications
Thermal resin cooled body
AISI 316L Stainless steel frame
Tempered glass
Underground lighting
RGB full colour

178 mm
130 mm
168mm

U.V. CE IP67 CLASS I

AL 3135K — 9x1W & 9x3W(RGB) UNDERGROUND POWER LED LIGHTING
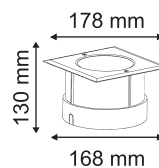
LED : 9x1W Power LED
: 9x3W RGB
Colour : White, Warm White, Blue, Green, Red, Amber, RGB
Lumen : 900
Volt : 220V
Watt : 9W - 27W (RGB)
Package : 20 Pcs

Specifications
Thermal resin cooled body
AISI 316L Stainless steel frame
Tempered glass
Underground lighting
RGB full colour

178 mm
130 mm
168 mm

U.V. CE IP67 CLASS I

AL 3145Y — 12x1W & 12x3W(RGB) UNDERGROUND POWER LED LIGHTING
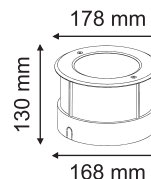
LED : 12x1W Power LED
: 12x3W RGB
Colour : White, Warm White, Blue, Green, Red, Amber, RGB
Lumen : 1200
Volt : 220V
Watt : 12W - 36W (RGB)
Package : 20 Pcs

Specifications
Thermal resin cooled body
AISI 316L Stainless steel frame
Tempered glass
Underground lighting
RGB full colour

178 mm
130 mm
168 mm

U.V. CE IP67 CLASS I

AL 3145K — 12x1W & 12x3W(RGB) UNDERGROUND POWER LED LIGHTING
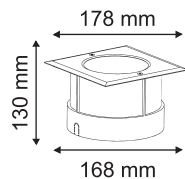
LED : 12x1W Power LED
: 12x3W RGB
Colour : White, Warm White, Blue, Green, Red, Amber, RGB
Lumen : 1200
Volt : 220V
Watt : 12W - 36W (RGB)
Package : 20 Pcs

Specifications
Thermal resin cooled body
AISI 316L Stainless steel frame
Tempered glass
Underground lighting
RGB full colour

178 mm
130 mm
168 mm

U.V. CE IP67 CLASS I

AKER LIGHTING

AL 3155

LED : 1W SMD led
Colour : White, Warm White, Blue
Volt : 220V
Watt : 1W
Package : 30 Pcs

80x80 mm
56 mm
58 mm

Specifications
304L quality stainless
steel cover
Polycarbonate glass
ABS body

U.V. CE IP54 F CLASS II

AL 3155SNR   SENSORED
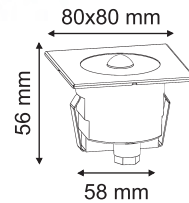
LED : 1W SMD led
Colour : White, Warm White, Blue
Volt : 220V
Watt : 1W
Package : 30 Pcs

80x80 mm
56 mm
58 mm

Specifications
304L quality stainless
steel cover
Sensored
Polycarbonate glass
ABS body

U.V. CE IP54 F CLASS II

AL 3165

LED : 1W SMD led
Colour : White, Warm White, Blue
Volt : 220V
Watt : 1W
Package : 30 Pcs

80 mm
56 mm
58 mm
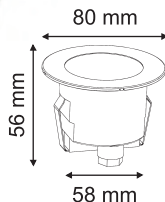
Specifications
304L quality stainless
steel cover
Polycarbonate glass
ABS body

U.V. CE IP54 F CLASS II

AL 3165SNR   SENSORED
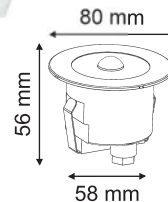
LED : 1W SMD led
Colour : White, Warm White, Blue
Volt : 220V
Watt : 1W
Package : 30 Pcs

80 mm
56 mm
58 mm

Specifications
304L quality stainless
steel cover
Sensored
Polycarbonate glass
ABS body

U.V. CE IP54 F CLASS II

AKER LIGHTING
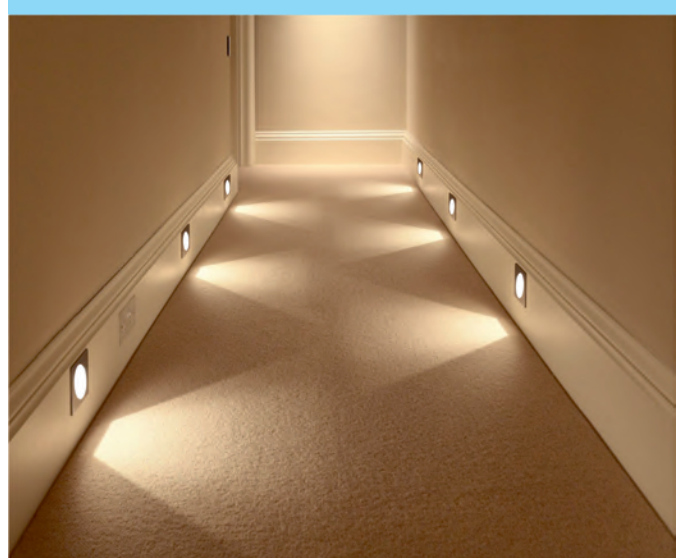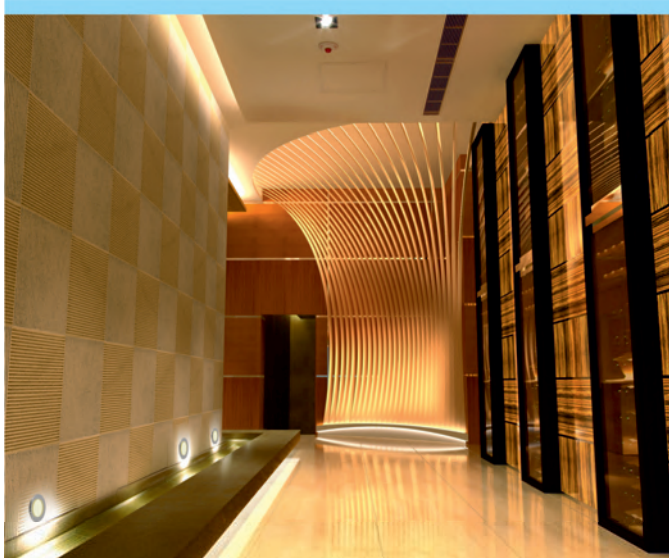
AL 3055 (WH/WW/BL)

LED	: 16 pcs SMD LED
Colour	: White, Warm White, Blue
Volt	: 220V - 1W
Package	: 18 Pcs
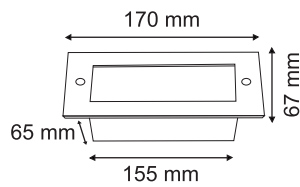
170 mm
67 mm
65 mm
155 mm

Specifications
304L quality stainless steel cover
UV protected ABS body
UV protected PC glass
Flush mounted

U.V. CE IP54 F CLASS II

AL 3055 SNR (WH/WW/BL)   SENSORED

LED	: 16 pcs SMD LED
Colour	: White, Warm White, Blue
Volt	: 220V - 1W
Package	: 18 Pcs
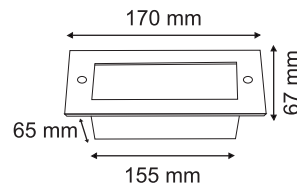
170 mm
67 mm
65 mm
155 mm

Specifications
304L quality stainless steel cover
UV protected ABS body
UV protected PC glass
Flush mounted

U.V. CE IP54 F CLASS II

AL 3065 (WH/WW/BL)

LED	: 12 pcs SMD LED
Colour	: White, Warm White, Blue
Volt	: 220V - 1W
Package	: 24 Pcs
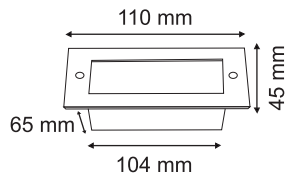
110 mm
45 mm
65 mm
104 mm

Specifications
304L quality stainless steel cover
UV protected ABS body
UV protected PC glass
Flush mounted

U.V. CE IP54 F CLASS II
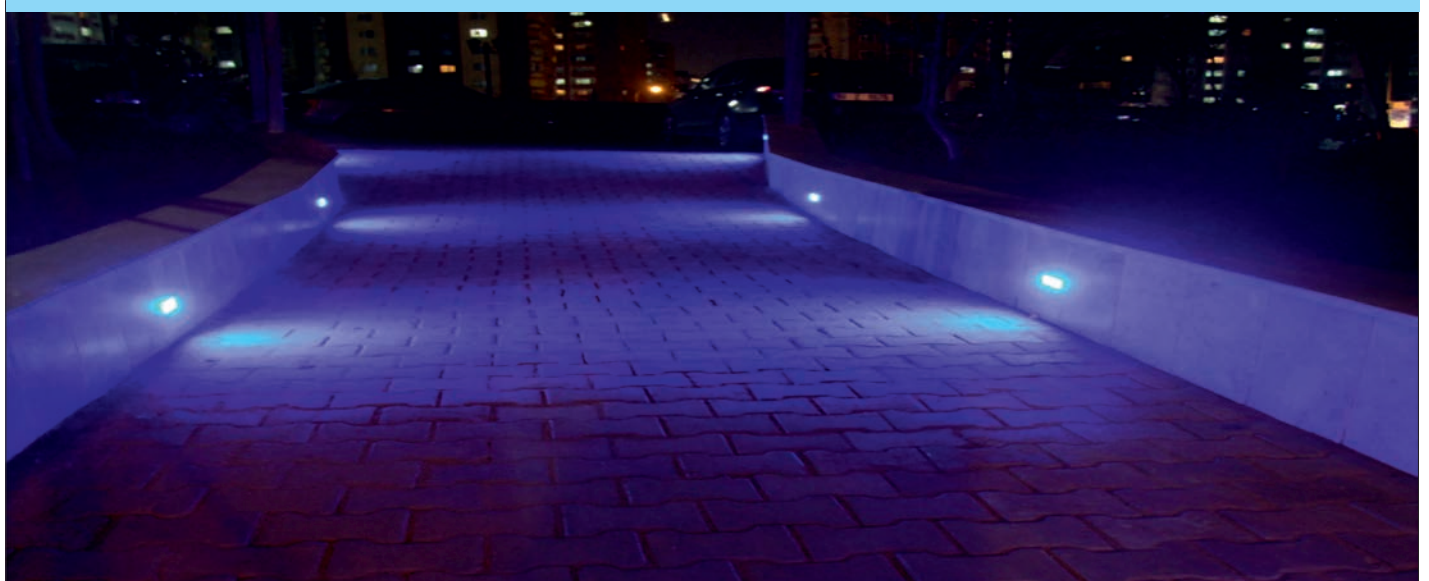
AL 4011 — PILED LIGHTING

Bulb : GU10
Colour : Matt Black
Volt : 220 V
Package : 40 Pcs

105 mm
200 mm

Specifications
The resistant to heat and impact
N6 body
Tempered glass

U.V. CE IP67 F CLASS II

AL 4021 — SURFACE MOUNTED LIGHTING

Bulb : GU10
Colour : Matt Black
Volt : 220 V
Package : 40 Pcs

105 mm
200 mm
70 mm

Specifications
The resistant to heat and impact
N6 body
Tempered glass

U.V. CE IP67 F CLASS II

AL 4011 POWER — 6x1W & 6x3W POWER LED

LED : 6x1W Power LED
6x3W RGB
Colour : White, Warm White, Blue, Green, Amber, RGB
Lumen : 600 lumen
Volt : 220V
Watt : 6W - 18W (RGB)
Package : 40 Pcs

105 mm
200 mm

Specifications
The resistant to heat and impact
N6 body
Tempered glass
RGB full colour

U.V. CE IP67 F CLASS II

AL 4021 POWER — 6x1W & 6x3W POWER LED

LED : 6x1W Power LED
6x3W RGB
Colour : White, Warm White, Blue, Green, Amber, RGB
Lumen : 600 lumen
Volt : 220V
Watt : 6W - 18W (RGB)
Package : 40 Pcs

105 mm
200 mm
70 mm

Specifications
The resistant to heat and impact
N6 body
Tempered glass
RGB full colour

U.V. CE IP67 F CLASS II

AL 3041 — PAR38 PILED LIGHTING
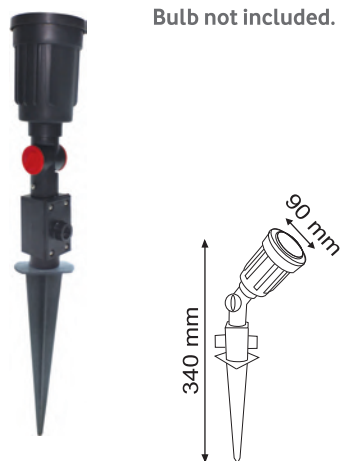
Bulb not included.

Bulb : PAR38 - 80W
Socket : E27
Colour : Matt Black
Volt : 220 V
Package : 40 Pcs

90 mm
340 mm

Specifications
The resistant to heat and impact
N6 body
Silicone gasket

U.V. CE IP65 F CLASS II

AL 4051 — PAR38 LIGHTING

Bulb not included.

Bulb : PAR38 - 80W
Socket : E27
Colour : Matt Black
Volt : 220 V
Package : 40 Pcs

90 mm
260 mm

Specifications
The resistant to heat and impact
N6 body
Silicone gasket

U.V. CE IP65 F CLASS II

AL 4211 POWER — 3x1W & 3x3W(RGB) POWER LED

LED	: 3x1W Power LED
	: 3x3W RGB
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 300 lumen
Volt	: 220V
Watt	: 3W - 9W (RGB)
Package	: 20 Pcs

Specifications
AISI 316L Stainless steel frame
Thermal resin cooled body
Tempered glass
RGB full colour

67 mm · 80 mm · 200 mm

U.V. CE IP67 F CLASS I

AL 4201 POWER — 3x1W & 3x3W(RGB) POWER LED

LED	: 3x1W Power LED
	: 3x3W RGB
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 300 lumen
Volt	: 220V
Watt	3W - 9W (RGB)
Package	: 20 Pcs

Specifications
AISI 316L Stainless steel frame
Thermal resin cooled body
Tempered glass
RGB full colour

67 mm · 80 mm · 61 mm

U.V. CE IP67 F CLASS I

AL 4221 POWER — 9x1W & 9x3W(RGB) POWER LED

LED	: 9x1W Power LED
	: 9x3W RGB
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 900 lumen
Volt	: 220V
Watt	: 9W - 27W (RGB)
Package	: 20 Pcs

Specifications
AISI 316L Stainless steel frame
Thermal resin cooled body
Tempered glass
RGB full colour

80 mm · 155 mm · 260 mm

U.V. CE IP67 F CLASS I

AL 4231 POWER — 9x1W & 9x3W(RGB) POWER LED

LED	: 9x1W Power LED
	: 9x3W RGB
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 900 lumen
Volt	: 220V
Watt	: 9W - 27W (RGB)
Package	: 20 Pcs

Specifications
AISI 316L Stainless steel frame
Thermal resin cooled body
Tempered glass
RGB full colour

80 mm · 155 mm · 61 mm

U.V. CE IP67 F CLASS I

AL 4241 POWER — 12x1W & 12x3W(RGB) POWER LED

LED	: 12x1W Power LED
	: 12x3W RGB
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 1200 lumen
Volt	: 220V
Watt	: 12W - 36W (RGB)
Package	: 20 Pcs

Specifications
AISI 316L Stainless steel frame
Thermal resin cooled body
Tempered glass
RGB full colour

80 mm · 155 mm · 260 mm

U.V. CE IP67 F CLASS I

AL 4251 POWER — 12x1W & 12x3W(RGB) POWER LED

LED	: 12x1W Power LED
	: 12x3W RGB
Colour	: White, Warm White, Blue, Green, Red, Amber, RGB
Lumen	: 1200 lumen
Volt	: 220V
Watt	: 12W - 36W (RGB)
Package	: 20 Pcs

Specifications
AISI 316L Stainless steel frame
Thermal resin cooled body
Tempered glass
RGB full colour

80 mm · 155 mm · 61 mm

U.V. CE IP67 F CLASS I

WALLWASHER LIGHTING

HIGH LIGHT POWER LED WALLWASHER

- The heat conduction is much faster with increased absorbing channels.
- Higher wattage leds are less heated thanks to increased cooling channels.
- Anodized body.
- RGB 3 chiped full colour led.
- More high power light
- Specially designed covers and gaskets provide IP67 protection has been through.
- The foot and foot channels designed to the side provides versatile mounting convenience.

AL 1101 - 6W
6W WALLWASHER LIGHTING
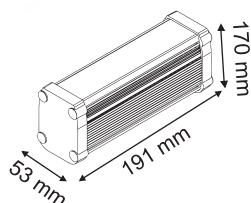
LED : 6x1 Power LED
Colour : White, Warm White, Blue, Green, Red Amber
Lumen : 600
Volt : 220V
Watt : 6W
Package : 12 Pcs.

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot

170 mm
53 mm
191 mm

CE IP67 F CLASS I

AL 1111 - 6x3W
6x3W WALLWASHER LIGHTING
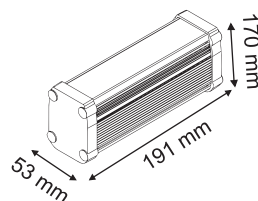
LED : 6x3 Power LED
Colour : White, Warm White, Blue, Green, Red Amber,RGB
Lumen : 1320
Volt : 220V
Watt : 18W
Package : 12 Pcs.

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot
RGB full colour

170 mm
53 mm
191 mm

CE IP67 F CLASS I

AL 1121 - 9W
9W WALLWASHER LIGHTING
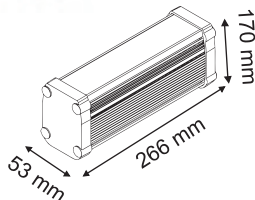
LED : 9x1 Power LED
Colour : White, Warm White, Blue, Green, Red Amber
Lumen : 900
Volt : 220V
Watt : 9W
Package : 12 Pcs.

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot

170 mm
53 mm
266 mm

CE IP67 F CLASS I

AL 1131 - 9x3W
9x3W WALLWASHER LIGHTING
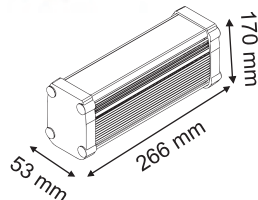
LED : 9x3 Power LED
Colour : White, Warm White, Blue, Green, Red Amber, RGB
Lumen : 1980
Volt : 220V
Watt : 27W
Package : 12 Pcs.

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot
RGB full colour

170 mm
53 mm
266 mm

CE IP67 F CLASS I

AL AL 1141 - 12W
12W WALLWASHER LIGHTING
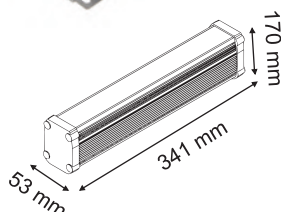
LED : 12x1 Power LED
Colour : White, Warm White, Blue, Green, Red Amber
Lumen : 1200
Volt : 220V
Watt : 12W
Package : 12 Pcs.

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot

170 mm
53 mm
341 mm

CE IP67 F CLASS I

AL 1151 - 12x3W
12x3W WALLWASHER LIGHTING

LED : 12x3 Power LED
: White, Warm White,
Colour : Blue, Green, Red Amber, RGB
: 2640
Lumen : 220V
Volt : 36W
Watt : 12 Pcs.
Package

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot
RGB full colour

170 mm
53 mm
341 mm

CE IP67 F CLASS I

AKER LIGHTING

AL 1161 - 18W — 18W WALLWASHER LIGHTING
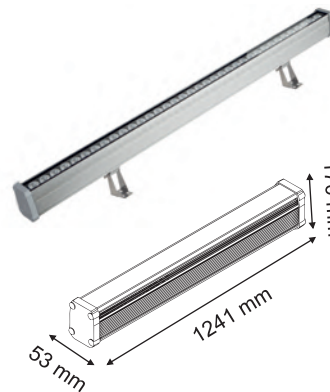
LED   : 18x1 Power LED
Colour   : White, Warm White,
            Blue, Green, Red
            Amber
Lumen   : 1800
Volt   : 220V
Watt   : 18W
Package   : 12 Pcs.

170 mm
491 mm
53 mm

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot

IP67 F CLASS I

AL 1171 - 18x3W — 18x3W WALLWASHER LIGHTING
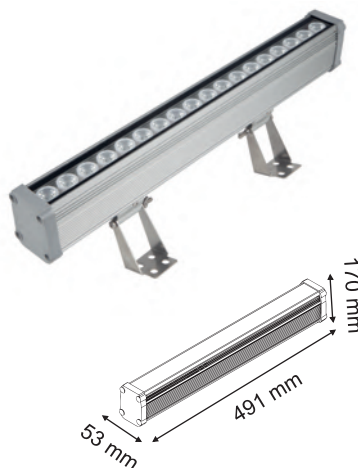
LED   : 18x3 Power LED
Colour   : White, Warm White,
            Blue, Green, Red
            Amber, RGB
Lumen   : 3960
Volt   : 220V
Watt   : 54W
Package   : 12 Pcs.

170 mm
491 mm
53 mm

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot
RGB full colour

IP67 F CLASS I

AL 1181 - 24W — 24W WALLWASHER LIGHTING

LED   : 24x1 Power LED
Colour   : White, Warm White,
            Blue, Green, Red
            Amber
Lumen   : 2400
Volt   : 220V
Watt   : 24W
Package   : 12 Pcs.

170 mm
641 mm
53 mm

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot

IP67 F CLASS I

AL 1191 - 24x3W — 24x3W WALLWASHER LIGHTING

LED   : 24x3 Power LED
Colour   : White, Warm White,
            Blue, Green, Red
            Amber, RGB
Lumen   : 5280
Volt   : 220V
Watt   : 72W
Package   : 12 Pcs.

170 mm
641 mm
53 mm

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot
RGB full colour

IP67 F CLASS I

AL 1201 - 36W

36W WALLWASHER LIGHTING
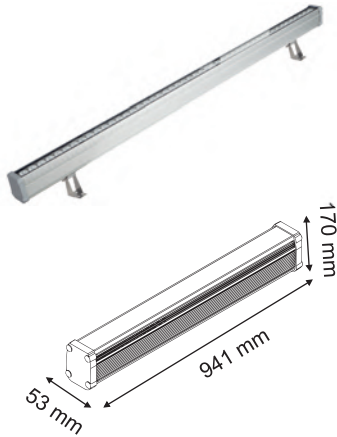
LED	: 36x1 Power LED
Colour	: White, Warm White, Blue, Green, Red Amber
Lumen	: 3600
Volt	: 220V
Watt	: 36W
Package	: 12 Pcs.

170 mm
941 mm
53 mm

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot

IP67 CLASS I

AL 1211- 36x3W

36x3W WALLWASHER LIGHTING
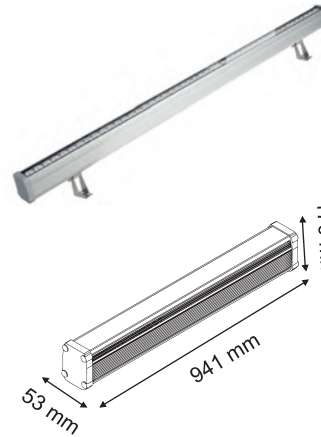
LED	: 36x3 Power LED
Colour	: White, Warm White, Blue, Green, Red Amber, RGB
Lumen	: 7920
Volt	: 220V
Watt	: 108W
Package	: 12 Pcs.

170 mm
941 mm
53 mm

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot
RGB full colour

IP67 CLASS I

AL 1221- 48W

48W WALLWASHER LIGHTING
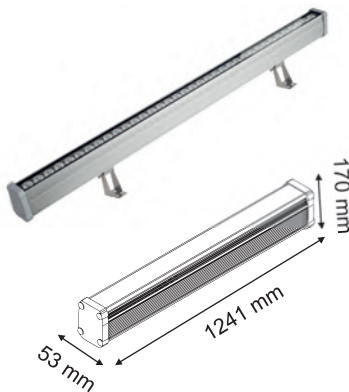
LED	: 48x1 Power LED
Colour	: White, Warm White, Blue, Green, Red Amber
Lumen	: 4800
Volt	: 220V
Watt	: 48W
Package	: 12 Pcs.

170 mm
1241 mm
53 mm

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot

IP67 CLASS I

AL 1231- 48x3W

48x3W WALLWASHER LIGHTING

LED	: 48x3 Power LED
Colour	: White, Warm White, Blue, Green, Red Amber, RGB
Lumen	: 10560
Volt	: 220V
Watt	: 144W
Package	: 12 Pcs.

170 mm
1241 mm
53 mm

Specifications
Aluminum anodized body
Tempered glass
Stainless steel foot
RGB full colour

IP67 CLASS I

RESIN GARDEN LIGHTINGS

U.V. PROTECTED

SPECIFICATIONS :

- Do not corrosion
- The colours do not fade
- It does not require maintenance and painting
- Protected towards U.V.
- Good insulation towards energy
- The resistant to impact
- Recycleable Eco-Friendly materials
- It is reflect clear the light
- Low energy consumption

NO CORROSION

NO PAINT

CE IP55 U.V. CLASS II

+90° -60°

AL 4130 WH/BL

BEGONIA RESIN GARDEN LIGHTING
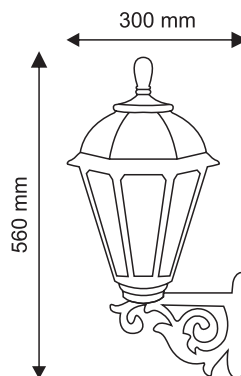
190 mm

Colour : White, Black
Bulb : E27
Volt : 220 V
Package : 12 pcs
Package Size : 71 x 54,5 x 60,5 cm
Package Kgs : 17,80 kgs.

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 CLASS II

AL 4131 WH/BL

BEGONIA RESIN GARDEN LIGHTING

288 mm

455 mm

Colour : White, Black
Bulb : E27
Volt : 220 V
Package : 12 pcs
Package Size : 71 x 54,5 x 60,5 cm
Package Kgs : 22,40 kgs.

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 CLASS II

AL 4131 SNR WH/BL

BEGONIA RESIN GARDEN LIGHTING WITH SENSORED

288 mm

455 mm

Colour : White, Black
Bulb : E27
Volt : 220 V
Package : 12 pcs
Package Size : 71 x 54,5 x 60,5 cm
Package Kgs : 22,40 kgs.

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 CLASS II

AKER LIGHTING

AL 4133 WH/BL

BEGONIA RESIN GARDEN LIGHTING
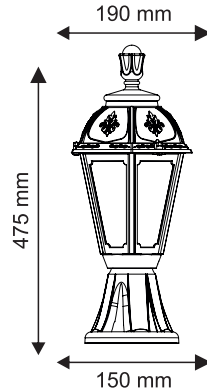
190 mm

475 mm

150 mm

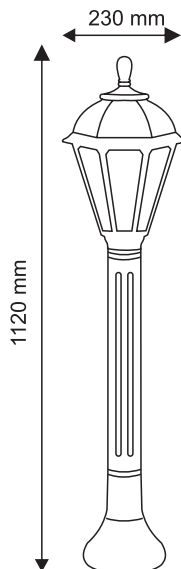| Colour	: White, Black
Bulb	: E27
Volt	: 220 V
Package	: 12 pcs
Package Size	: 71 x 54,5 x 60,5 cm
Package Kgs	: 19,50 kgs

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 F CLASS II

AL 4134 WH/BL

BEGONIA RESIN GARDEN LIGHTING

190 mm

465 mm

60 mm & 78 mm

Colour	: White, Black
Bulb	: E27
Volt	: 220 V
Package	: 12 pcs
Package Size	: 71 x 54,5 x 60,5 cm
Package Kgs	: 19,00 kg

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 F CLASS II
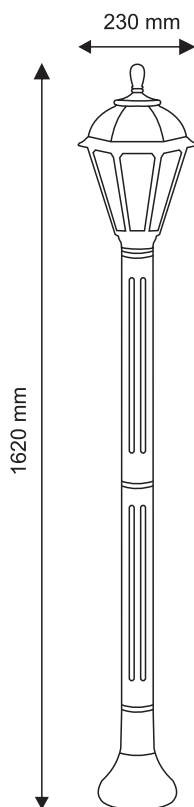
AL 4130-106 WH/BL

BEGONIA RESIN GARDEN LIGHTING

190 mm

1060 mm

193,5 mm

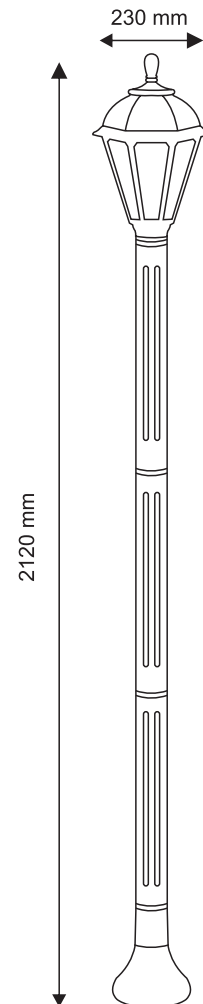|	
Colour	: White, Black
Bulb	: E27
Volt	: 220 V
Package	: 6 pcs
Package Size	: 100 x 55 x 56 cm
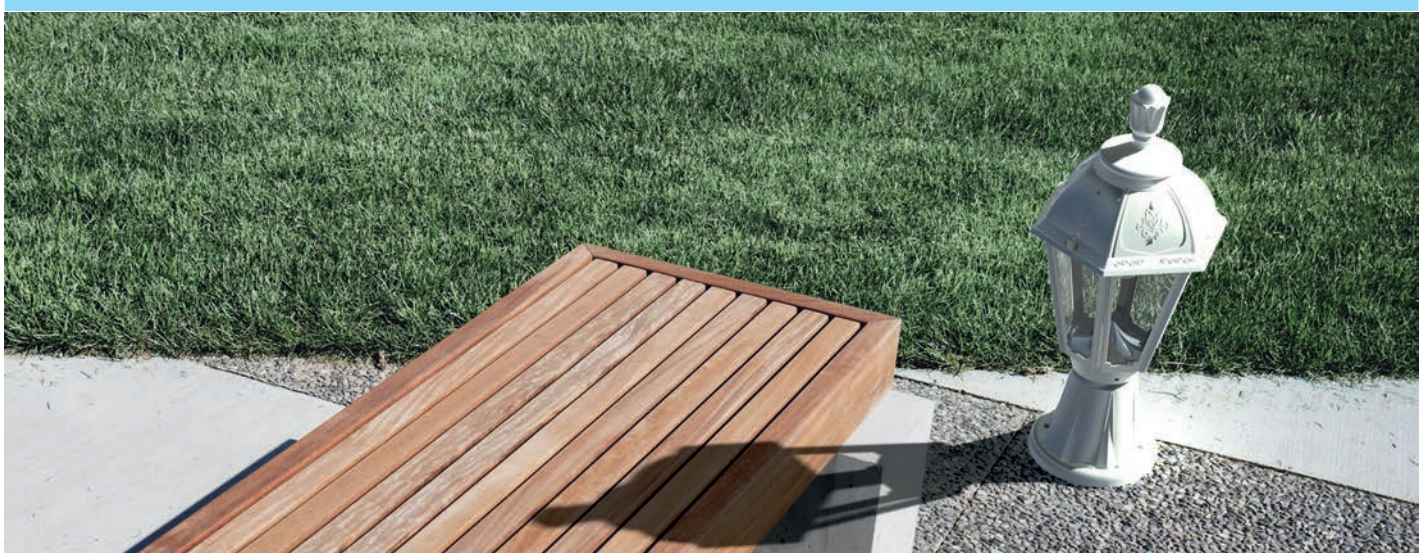
Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 CLASS II

AL 4130-156 WH/BL

BEGONIA RESIN GARDEN LIGHTING

Colour	: White, Black
Bulb	: E27
Volt	: 220 V
Package	: 6 pcs
Package Size	: 100 x 55 x 56 cm

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

190 mm

1560 mm

193,5 mm

U.V. CE IP55 CLASS II

AL AKER LIGHTING

AL 4130-206 WH/BL

BEGONIA RESIN GARDEN LIGHTING

190 mm

2060 mm

193,5 mm

Colour	: White, Black
Bulb	: E27
Volt	: 220 V
Package	: 6 pcs
Package Size	: 100 x 55 x 56 cm

Specifications

UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 F CLASS II

AL 4030 WH/BL

SARDINIA RESIN GARDEN LIGHTING

230 mm

400 mm

Colour	: White, Black
Bulb	: E27
Volt	: 220 V
Package	: 12 pcs
Package Size	: 71 x 54,5 x 60,5 cm
Package Kgs	: 17,80 kgs.

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. ♻ CE IP55 F ❈ ⚠ ⚠ **CLASS II**

AL 4031 WH/BL

SARDINIA RESIN GARDEN LIGHTING

300 mm

560 mm

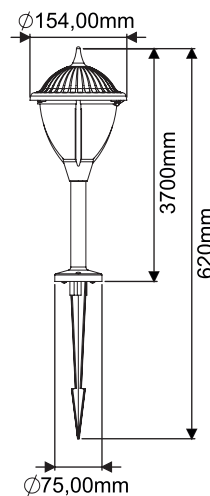|	
Colour	: White, Black
Bulb	: E27
Volt	: 220 V
Package	: 12 pcs
Package Size	: 71 x 54,5 x 60,5 cm
Package Kgs	: 22,40 kgs.

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. ♻ CE IP55 F ❈ ⚠ ⚠ **CLASS II**

AL 4031 SNR WH/BL

SARDINIA RESIN GARDEN LIGHTING SENSORED
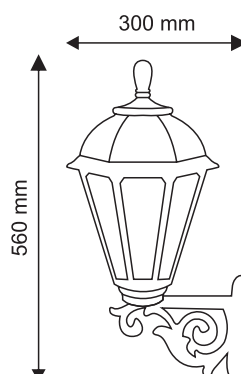
300 mm

560 mm

Colour	: White, Black
Bulb	: E27
Volt	: 220 V
Package	: 12 pcs
Package Size	: 71 x 54,5 x 60,5 cm
Package Kgs	: 22,40 kgs.

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. ♻ CE IP55 F ❈ ⚠ ⚠ **CLASS II**

AKER LIGHTING

AL 4033 WH/BL

SARDINIA RESIN GARDEN LIGHTING

230 mm

540 mm

Colour	: White, Black
Bulb	: E27
Volt	: 220 V
Package	: 12 Pcs
Package Size	: 71 x 54,5 x 60,5 cm
Package Kgs	: 19,50 kgs

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 F CLASS II

AL 4034 WH/BL

SARDINIA RESIN GARDEN LIGHTING

230 mm

465 mm

60 mm & 78 mm

Colour	: White, Black
Bulb	: E27
Volt	: 220 V
Package	: 12 Pcs
Package Size	: 71 x 54,5 x 60,5 cm
Package Kgs	: 19,00 kg

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 F CLASS II

AL 4030-112 WH/BL

SARDINIA RESIN GARDEN LIGHTING

Colour : White, Black
Bulb : E27
Volt : 220 V
Package : 6 Pcs
Package Size : 100 x 55 x 56 cm

230 mm

1120 mm

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 F CLASS II

AL 4030-162 WH/BL

SARDINIA RESIN GARDEN LIGHTING

Colour : White, Black
Bulb : E27
Volt : 220 V
Package : 6 Pcs
Package Size : 100 x 55 x 56 cm

230 mm

1620 mm

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 F CLASS II

AL 4030-212 WH/BL

SARDINIA RESIN GARDEN LIGHTING

230 mm

2120 mm

Colour	: White, Black
Bulb	: E27
Volt	: 220 V
Package	: 6 Pcs
Package Size	: 100 x 55 x 56 cm

Specifications

UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 F CLASS II

AL 4000-72 BL / WH

Colour	: Black, White
Size	: 72 cm
Package	: 6 Pcs
Package Kgs	: 9,50 Kgs

AL 4000-122 BL / WH

Colour	: Black, White
Size	: 122 cm
Package	: 6 Pcs
Package Kgs	: 15,50 Kgs

AL 4000-172 BL / WH

Colour	: Black, White
Size	: 172 cm
Package	: 6 Pcs
Package Kgs	: 20,30 Kgs

Specifications

UV protected Resin body • Recycleable Eco-Friendly materials • Resistant towards and impact
Good insulation towards energy • No corrossion • Colours do not fade • Does not require maintenance and painting

U.V. CE IP55 F CLASS II

AL 4141 ACACIA SERIES

RESIN GARDEN LIGHTINGS

Our resin lightings offers may unique advantages to you.

SPECIFICATIONS :

- Do not corrosion
- The colours do not fade
- It does not require maintenance and painting
- Protected towards U.V.
- Good insulation towards energy
- The resistant to impact
- Recycleable Eco-Friendly materials
- It is reflect clear the light
- Low energy consumption

CE | IP55 | U.V. | CLASS II

AL 4141 ACACIA

ACACIA RESIN GARDEN LIGHTING
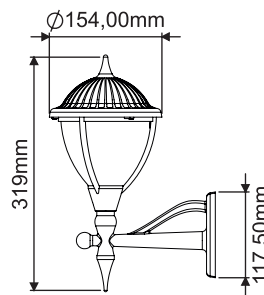
Ø154,00mm

319mm

117,50mm

Colour	: White, Black
Bulb	: E14
Volt	: 220 V
Package	: 12 Pcs
Package Kgs	: 19,50 kgs

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 F ⬥ ⚠ ⚠ **CLASS II**

AL 4143 ACACIA

ACACIA RESIN GARDEN LIGHTING

Ø154,00mm

3700mm

620mm

Ø75,00mm

Colour	: White, Black
Bulb	: E14
Volt	: 220 V
Package	: 12 Pcs
Package Kgs	: 19,50 kgs

Specifications
UV protected resin body
Recycleable Eco-Friendly materials
Resistant PC glass towards UV and impact
Good insulation towards energy
No corrossion
Colours do not fade
Does not require maintenance and painting

U.V. CE IP55 F ⬥ ⚠ ⚠ **CLASS II**
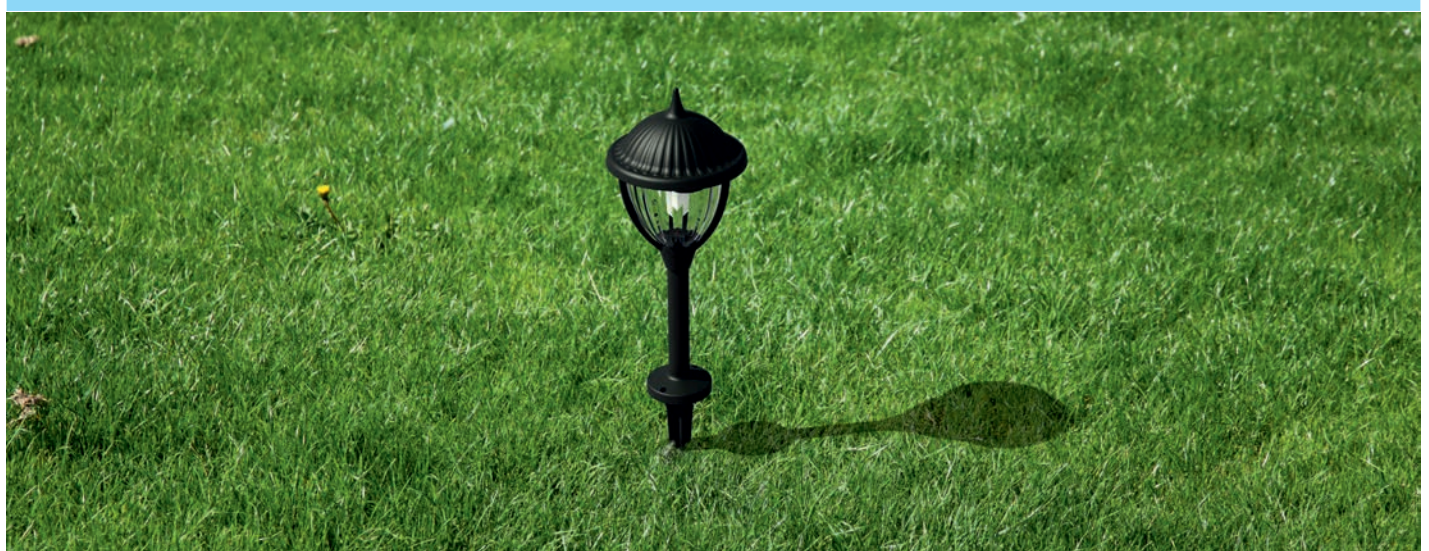
AL 4016-650 WH — WHITE MARINE LANTERN
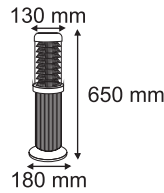
130 mm
650 mm
180 mm

Bulb	: PL-S 11W or E27
Colour	: White
Volt	: 220 V
Package	: 6 Pcs

Specifications
UV protected ABS body
Resistant PC glass although
UV and impact
Low energy high light
The photocell can add

U.V. CE IP55 CLASS II

AL 4016-450 WH — WHITE MARINE LANTERN
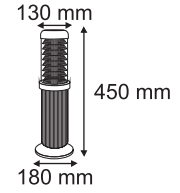
130 mm
450 mm
180 mm

Bulb	: PL-S 11W or E27
Colour	: White
Volt	: 220 V
Package	: 8 Pcs

Specifications
UV protected ABS body
Resistant PC glass although
UV and impact
Low energy high light
The photocell can add

U.V. CE IP55 CLASS II

AL 4016-650 SG — SILVER GREY MARINE LANTERN
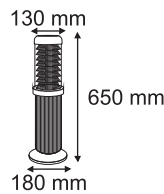
130 mm
650 mm
180 mm

Bulb	: PL-S 11W or E27
Colour	: Silver Grey
Volt	: 220 V
Package	: 6 Pcs

Specifications
UV protected ABS body
Resistant PC glass although
UV and impact
Low energy high light
The photocell can add

U.V. CE IP55 CLASS II

AL 4016-450 SG — SILVER GREY MARINE LANTERN
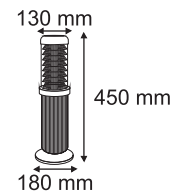
130 mm
450 mm
180 mm

Bulb	: PL-S 11W or E27
Colour	: Silver Grey
Volt	: 220 V
Package	: 8 Pcs

Specifications
UV protected ABS body
Resistant PC glass although
UV and impact
Low energy high light
The photocell can add

U.V. CE IP55 CLASS II

AL 4016-650 BL — BLACK MARINE LANTERN
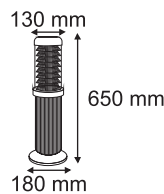
130 mm
650 mm
180 mm

Bulb	: PL-S 11W or E27
Colour	: Black
Volt	: 220 V
Package	: 6 Pcs

Specifications
UV protected ABS body
Resistant PC glass although
UV and impact
Low energy high light
The photocell can add

U.V. CE IP55 CLASS II

AL 4016-450 BL — BLACK MARINE LANTERN
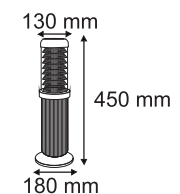
130 mm
450 mm
180 mm

Bulb	: PL-S 11W or E27
Colour	: Black
Volt	: 220 V
Package	: 8 Pcs

Specifications
UV protected ABS body
Resistant PC glass although
UV and impact
Low energy high light
The photocell can add

U.V. CE IP55 CLASS II

AL 4026-670 WH — WHITE MARINE LANTERN
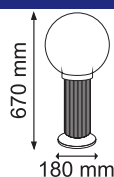
670 mm
180 mm

Bulb : PLL 24W or E27
Colour : White
Volt : 220 V
Package : 4 Pcs

Specifications
24W electronic ballast
24 W PLL Bulb
UV protected ABS body
Resistant PC glass although
UV and impact
The photocell can add

U.V. CE IP55 F CLASS II

AL 4026-520 WH — WHITE MARINE LANTERN
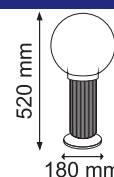
520 mm
180 mm

Bulb : PLL 24W or E27
Colour : White
Volt : 220 V
Package : 4 Pcs

Specifications
24W electronic ballast
24 W PLL Bulb
UV protected ABS body
Resistant PC glass although
UV and impact
The photocell can add

U.V. CE IP55 F CLASS II

AL 4026-670 SG — SILVER GREY MARINE LANTERN
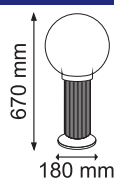
670 mm
180 mm

Bulb : PLL 24W or E27
Colour : Siver Grey
Volt : 220 V
Package : 4 Pcs

Specifications
24W electronic ballast
24 W PLL Bulb
UV protected ABS body
Resistant PC glass although
UV and impact
The photocell can add

U.V. CE IP55 F CLASS II

AL 4026-520 SG — SILVER GREY MARINE LANTERN
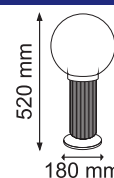
520 mm
180 mm

Bulb : PLL 24W or E27
Colour : Siver Grey
Volt : 220 V
Package : 4 Pcs

Specifications
24W electronic ballast
24 W PLL Bulb
UV protected ABS body
Resistant PC glass although
UV and impact
The photocell can add

U.V. CE IP55 F CLASS II

AL 4026-670 BL — BLACK MARINE LANTERN
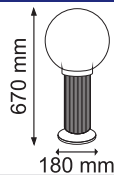
670 mm
180 mm

Bulb : PLL 24W or E27
Colour : Black
Volt : 220 V
Package : 4 Pcs

Specifications
24W electronic ballast
24 W PLL Bulb
UV protected ABS body
Resistant PC glass although
UV and impact
The photocell can add

U.V. CE IP55 F CLASS II

AL 4026-520 BL — BLACK MARINE LANTERN
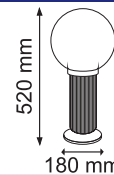
520 mm
180 mm

Bulb : PLL 24W or E27
Colour : Black
Volt : 220 V
Package : 4 Pcs

Specifications
24W electronic ballast
24 W PLL Bulb
UV protected ABS body
Resistant PC glass although
UV and impact
The photocell can add

U.V. CE IP55 F CLASS II

WOOD COATED GARDEN LIGHTING

WOOD COATED PRODUCT SPECIFICATIONS
- Wood coated products are resistant to outdoor conditions
- Covered with German covering materials
- Long life never makes bulge on product
- There are not any discolouration on Colours
- Very similor look to wood coated and beautiful view

The brightness in your gardens...

AL 2011 WDN
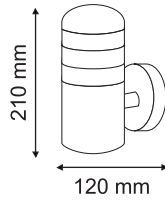
210 mm
120 mm

LED : 8W SMD Led
Colour : White, Warm White
Volt : 220V
Package : 12 Pcs.

Specifications
Wall mounted
LED light
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ ⚠ CLASS I

AL 2013-320 WDN
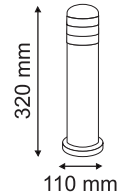
320 mm
110 mm

LED : 8W SMD Led
Colour : White, Warm White
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
LED light
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ ⚠ CLASS I

AL 2013-450 WDN
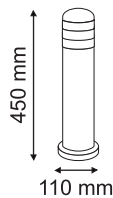
450 mm
110 mm

LED : 8W SMD Led
Colour : White, Warm White
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Led light
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ ⚠ CLASS I

AL 2013-650 WDN
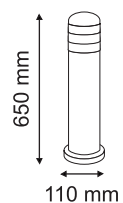
650 mm
110 mm

LED : 8W SMD Led
Colour : White, Warm White
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Led light
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ ⚠ CLASS I

AL 2013-850 WDN

850 mm
110 mm

LED : 8W SMD Led
Colour : White, Warm White
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
LED light
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ ⚠ CLASS I

AL 2013-1050 WDN
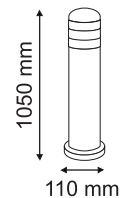
1050 mm
110 mm

LED : 8W SMD Led
Colour : White, Warm White
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
LED light
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ ⚠ CLASS I

AKER LIGHTING

AL 2021 WDN/SNR — SENSORED

380 mm
150 mm
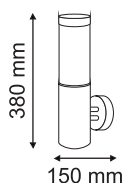
Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 12 Pcs.

Specifications
Wall mounted
Sensored option
Wood coated Stainless steel
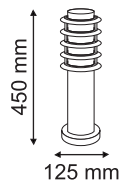PC opal glass

CE IP54 F ※ ⚠ CLASS I

AL 2033-320 WDN
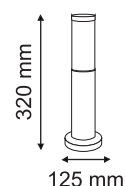
320 mm
125 mm

Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ ⚠ CLASS I

AL 2033-450 WDN
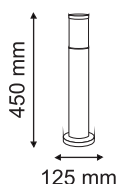
450 mm
125 mm

Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ ⚠ CLASS I

AL 2033-650 WDN
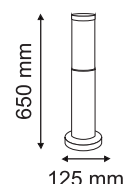
650 mm
125 mm

Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ ⚠ CLASS I

AL 2033-850 WDN
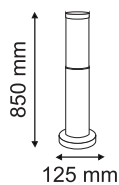
850 mm
125 mm

Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ ⚠ CLASS I

AL 2033-1050 WDN
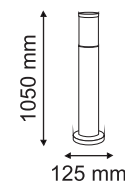
1050 mm
125 mm

Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 6 Pcs.

Specifications
Ground mounted
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ ⚠ CLASS I

AL 026 WDN/SNR   SENSORED
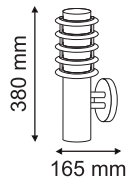
380 mm
165 mm

Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 12 Pcs.

Specifications
Wall mounted
Sensored option
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ CLASS I

AL 027-320 WDN
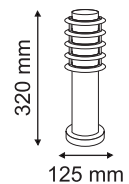
320 mm
125 mm

Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ CLASS I

AL 027-450 WDN

450 mm
125 mm

Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ CLASS I

AL 027-650 WDN
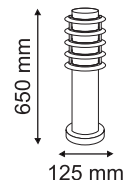
650 mm
125 mm

Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ CLASS I

AL 027-850 WDN
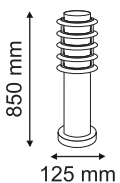
850 mm
125 mm

Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ CLASS I

AL 027-1050 WDN
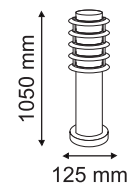
1050 mm
125 mm

Bulb : E27 Max. 15W
Colour : Wooden coated
Volt : 220V
Package : 6 Pcs.

Specifications
Ground mounted
Wood coated Stainless steel
PC opal glass

CE IP54 F ※ CLASS I

STAINLESS STEEL GARDEN LIGHTING

STAINLESS PRODUCT SPECIFICATIONS
- Stainless steel products are made of 304 quality stainless steel
- Covered by electro static dust vernish so corrosion effect is mini malized
- PC diffuser particles glass is resistable to collision despacth, the light homogeniously distributes
- It can be used long times in humidity and moisture

The brightness in your gardens...

AL 2011

210 mm

120 mm

LED	: 8W SMD LED
Colour	: White, Warm White
Volt	: 220V
Package	: 12 Pcs.

Specifications
Wall mounted
LED light
Stainless steel
PC opal glass

CE IP54 F ❄ ⚠ CLASS I

AL 2013-320

320 mm

110 mm

LED	: 8W SMD LED
Colour	: White, Warm White
Volt	: 220V
Package	: 12 Pcs.

Specifications
Ground mounted
LED light
Stainless steel
PC opal glass

CE IP54 F ❄ ⚠ CLASS I

AL 2013-450

450 mm

110 mm

LED	: 8W SMD LED
Colour	: White, Warm White
Volt	: 220V
Package	: 12 Pcs.

Specifications
Ground mounted
LED light
Stainless steel
PC opal glass

CE IP54 F ❄ ⚠ CLASS I

AL 2013-650

650 mm

110 mm

LED	: 8W SMD LED
Colour	: White, Warm White
Volt	: 220V
Package	: 12 Pcs.

Specifications
Ground mounted
LED light
Stainless steel
PC opal glass

CE IP54 F ❄ ⚠ CLASS I

AL 2013-850

850 mm

110 mm

LED	: 8W SMD LED
Colour	: White, Warm White
Volt	: 220V
Package	: 12 Pcs.

Specifications
Ground mounted
LED light
Stainless steel
PC opal glass

CE IP54 F ❄ ⚠ CLASS I

AL 2013-1050

1050 mm

110 mm

LED	: 8W SMD LED
Colour	: White, Warm White
Volt	: 220V
Package	: 12 Pcs.

Specifications
Ground mounted
LED light
Stainless steel
PC opal glass

CE IP54 F ❄ ⚠ CLASS I

AKER LIGHTING

AL 2021/SNR — SENSORED

380 mm
150 mm

Bulb	: E27 Max. 15W
Colour	: Chrome
Volt	: 220V
Package	: 12 Pcs.

Specifications
Wall mounted
Sensored option
Stainless steel
PC opal glass

CE IP54 F ※ CLASS I

AL 2033-320

320 mm
125 mm

Bulb	: E27 Max. 15W
Colour	: Chrome
Volt	: 220V
Package	: 12 Pcs.

Specifications
Ground mounted
Stainless steel
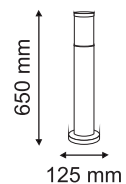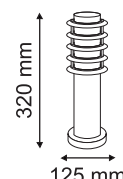PC opal glass

CE IP54 F ※ CLASS I

AL 2033-450

450 mm
125 mm

Bulb	: E27 Max. 15W
Colour	: Chrome
Volt	: 220V
Package	: 12 Pcs.

Specifications
Ground mounted
Stainless steel
PC opal glass

CE IP54 F ※ CLASS I

AL 2033-650

650 mm
125 mm

Bulb	: E27 Max. 15W
Colour	: Chrome
Volt	: 220V
Package	: 12 Pcs.

Specifications
Ground mounted
Stainless steel
PC opal glass

CE IP54 F ※ CLASS I

AL 2033-850

850 mm
125 mm

Bulb	: E27 Max. 15W
Colour	: Chrome
Volt	: 220V
Package	: 12 Pcs.

Specifications
Ground mounted
Stainless steel
PC opal glass

CE IP54 F ※ CLASS I

AL 2033-1050

1050 mm
125 mm

Bulb	: E27 Max. 15W
Colour	: Chrome
Volt	: 220V
Package	: 6 Pcs.

Specifications
Ground mounted
Stainless steel
PC opal glass

CE IP54 F ※ CLASS I

AL 026/SNR — SENSORED

380 mm
165 mm

Bulb : E27 Max. 15W
Colour : Chrome
Volt : 220V
Package : 12 Pcs.

Specifications
Wall mounted
Sensored option
Stainless steel
PC opal glass

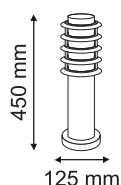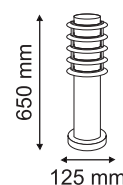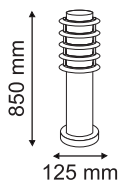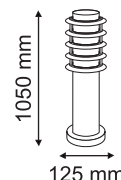IP54 CLASS I

AL 027-320

320 mm
125 mm

Bulb : E27 Max. 15W
Colour : Chrome
Volt : 220V
Package : 12 Pcs.

Specifications
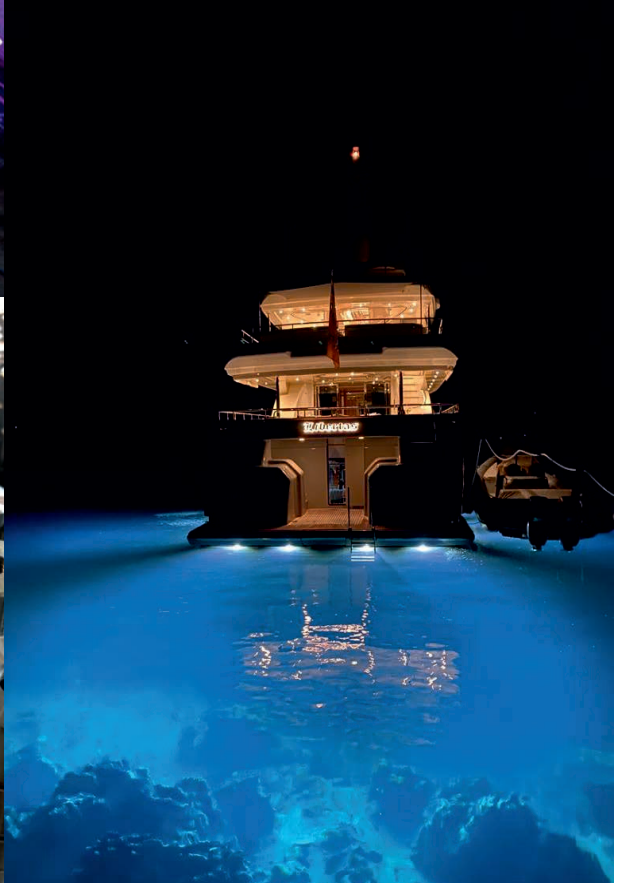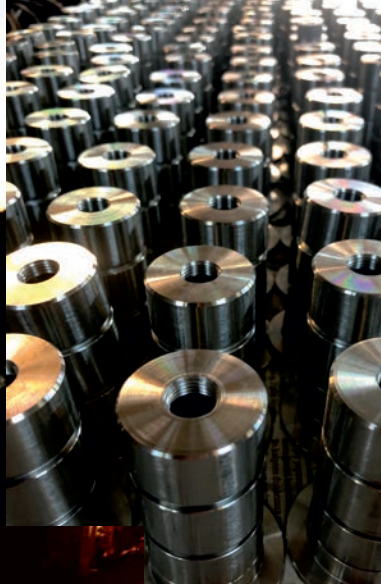Ground mounted
Stainless steel
PC opal glass

IP54 CLASS I

AL 027-450

450 mm
125 mm

Bulb : E27 Max. 15W
Colour : Chrome
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Stainless steel
PC opal glass

IP54 CLASS I

AL 027-650

650 mm
125 mm

Bulb : E27 Max. 15W
Colour : Chrome
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Stainless steel
PC opal glass

IP54 CLASS I

AL 027-850

850 mm
125 mm

Bulb : E27 Max. 15W
Colour : Chrome
Volt : 220V
Package : 12 Pcs.

Specifications
Ground mounted
Stainless steel
PC opal glass

IP54 CLASS I

AL 027-1050

1050 mm
125 mm

Bulb : E27 Max. 15W
Colour : Chrome
Volt : 220V
Package : 6 Pcs.

Specifications
Ground mounted
Stainless steel
PC opal glass

IP54 CLASS I

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

S E R T İ F İ K A

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	: 18.01.2026
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:

ASB
SERTİFİKASYON ★ CERTIFICATION ★ СЕРТИФИКАЦИЯ ★ ZERTIFIZIERUNG

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 revised.

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/TÜRKİYE

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, AL 3125, AL 3135, AL 3105, AL S3625, AL S1612, AL 2015 –(....)S.S 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 *mark according to relavant regulations and legal legislation,*
belongs manufacturer.

Sertifika Yayın Tarihi *Certificate Issue Date*	: 25.09.2024
Geçerlilik Tarihi *Validity Date*	: 25.09.2025

L. Murat YILMAZ
Yönetim Kurulu Başkanı
Chairman Of Executive Board

CERTIFICATE

QA-AC-3712/18

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/TURKEY

Ürünün Tanımı *Description of the Product/Product Part*	: BAHÇE AYDINLATMALARI *GARDEN LIGHTING*
Markası *Product Commercial Brand*	: AKER LIGHTING
Ürün Tipi *Product Type*	: AL 4030, AL 4031, AL 4033, AL 4034,AL 4037 AL 4030-(....), AL 4016-(....), AL 4026-(....), AL 4000-(....)

AL 4130, AL 4131, AL 4133, AL 4134,AL 4137, AL 4130-(....), AL 4141, AL 4143, AL 4011, AL 4021, AL 3041, AL 4051,
AL 4201, AL 4211, AL 4221, AL 4231, AL 4241, AL 4251, AL 3035Y-K, AL 3075Y-K, AL 3135Y-K, AL 3145Y-K, AL 3155, AL3165,
AL 3055, AL 3065, AL 1101, AL 1111, AL 1121, AL 1131,AL 1141, AL 1151, AL 1161, AL 1171, AL 1181, AL 1191,AL 1201,
AL 1211, AL 1221, AL 1231, AL 2011,AL 2013-(...),AL 2021, AL 2033-(...), AL 026, AL 027-(...), AL 2141, AL 2143-(...),
AL SLR4030,AL SLR4031, AL SLR4033, AL SLR4034, AL SLR4030-(...), AL SLR4130,AL SLR4131, AL SLR4133, AL SLR4134,
AL SLR4130-(...),AL SLR4131, AL SLR4133, AL SLR4016-(...), AL SLR4243, AL 3175Y-K, AL 3265Y-K

Uygulanabilir AT Direktif(ler)i *Applicable EC Directive(s)*	: 2014/35/AB *2014/35/EU*
Uygulanabilir Harmonize Standardlar **Uygulanabilir Ulusal Standardlar** **Ve Teknik Spesifikasyonlar** *Applicable Harmonized Standards/* *Applicable National Standards and* *Technical Specifications*	: TS EN 60598-1, TS EN 62560
Rapor No & Rapor Tarihi *Report No & Report Date*	: M-LVD-1442/18, 19.07.2018

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 $C\epsilon$ işareti iliştirilmesi ile ilgili nihai sorumluluk üreticiye aittir.
Ultimate responsibility regarding the affixing of $C\epsilon$ *mark according to relavant regulations and legal legislation,*
belongs manufacturer.

Sertifika Yayın Tarihi *Certificate Issue Date*	: 20.09.2024
Geçerlilik Tarihi *Validity Date*	: 20.09.2025

L. Murat YILMAZ
Yönetim Kurulu Başkanı
Chairman Of Executive Board

ALBERK QA ULUSLARARASI TEKNİK
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QA-AC-3712/19

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/TÜRKİYE

Ürünün Tanımı *Description of the Product/Product Part*	: LEDLİ TAVAN AYDINLATMALARI VE TAVAN ARMATÜR RAYLARI *RAILS WITH LED CEİLİNG LİGHTS AND CEİLİNG*
Markası *Trade Marks*	: AKER LIGHTING
Ürün Tipi / Modeli *Product Type / Model*	: AL 4100,AL 4110,AL 4200, AL 4210,AL 4220,AL 4185, AL 4195, AL 4205,ALLB1030,AL LB1060,AL LB1060,AL LB1090,AL LB10120 AL 2012,AL 3205,AL 3215, AL 3225,AL 3235,AL 3245, AL 3255,
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 62031, TS EN 60598-2-2
Papor 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.
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.

Sertifika Yayın Tarihi : 12.10.2024
Certificate Issue Date
Geçerlilik Tarihi : 12.10.2025
Validity Date

ALBERK QA ULUSLARARASI TEKNİK
KONTROL VE BELGELENDİRME A.Ş.
BARBAROS MAH. AK ZAMBAK SOK.
A BLOK KAT.19 No:2 ATAŞEHİR
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www.qatechnic.com

L. Murat YILMAZ
Genel Müdür / *General Manager*

T.C.
TÜRK PATENT ve MARKA KURUMU

MARKA TESCİL BELGESİ

Marka No : 2016 17233 - Ticaret

AL

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.

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. |

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

IP / XX   **TECHNICAL INFORMATION**

Protection level

Protection agains solid objects			Protection agains water			Impact Protection
SYMBOL	DESCRIPTION	1. NUM	2. NUM	DESCRIPTION	SYMBOL	DESCRIPTION
	Not protected	0	0	Not protected		Not protected
	Protected against solid objects larger than 50 mm	1	1	Moisture proof		Impact energy 0,225 Joul 150 g 15 cm
	Protected against solid objects larger than 12 mm	2	2	Protected against falls at an inclination of		
	Protected against solid objects larger than 2.5 mm	3	3	Rainproof		Impact energy 0,5 Joul 250 g 20 cm
	Protected against solid objects larger than 1 mm	4	4	Spray proof		
	Protected against dust	5	5	Protected against water jets		Impact energy 2 Joul 500 g 40 cm
	Completely dust proof	6	6	Wave proof		
			7	7	Immersion proof		Impact energy 6 Joul 1500 g 40 cm
		8	8	Submersion proof–m	...m	
		9	9			Impact energy 20 Joul 5000 g 40 cm

Symbol information

PROTECTION AGAINST ELECTRIC SHOCK

| CLASS	SYMBOL	DESCRIPTION
0		No earthing protection.
I		Earthing protection foreseen.
II		Supplementary-insulation, but no earthing protection.
III		Foreseen for low voltage safety power supply.

PROTECTION AGAINST INFLAMMABILITY

SYMBOL	DESCRIPTION
	Units not suitabl for installation on normally flammable surfaces. (only suitable for installing on non-flammable surfaces)
F	Units suitable for installing directly onto normally flammable surfaces.
F	Units suitable for installing in or onto normally flammable surfaces, when thermal insulation material can cover the unit.

QUALITY STANDARDS INFORMATION

SYMBOL	DESCRIPTION
CE	These products are manufactured in confirmity with the European lighting standarts
TS 8698 EN 60598-x-x	These products are manufactured in confirmity with the European lighting standarts and Turkish standards.

SYMBOL INFORMATION

SYMBOL	DESCRIPTION
	Hole size to be drilled on the ceiling, required for the recessed luminaires.
....m	Minimum distance between the luminaire and the surface to be illuminated.
60°	Vertical rotation of angle of the adjustable luminaires.
356°	Horizontal rotation of angle of the adjustable luminaires.
	Weight of the products in grams.

Alican ALKAN
Information Technology Specialist

Graduated from Beykent University
in International Trade.
In charge of the graphic development
of the company.

Graphic: Alican ALKAN

AKBORU

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