AKER LIGHTING

SOLAR GARDEN LIGHTING

PRODUCT CATALOGUE

2027 | EN

Türkiye
Discover
the potential

AKER LIGHTING

All products are our manufacturing.

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OUR HISTORY

Since 1955

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

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

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



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

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



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



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



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

CORPORATE MANAGEMENT

A family of makers since 1955



Süleyman ALKAN

FOUNDER · 1933 – 2026

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



Zafer ALKAN

R&D AND EXPORT PROJECTS

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



Ali ALKAN

PURCHASING & PROCUREMENT

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



Hasan Kamil ALKAN

TECHNICAL DIRECTOR

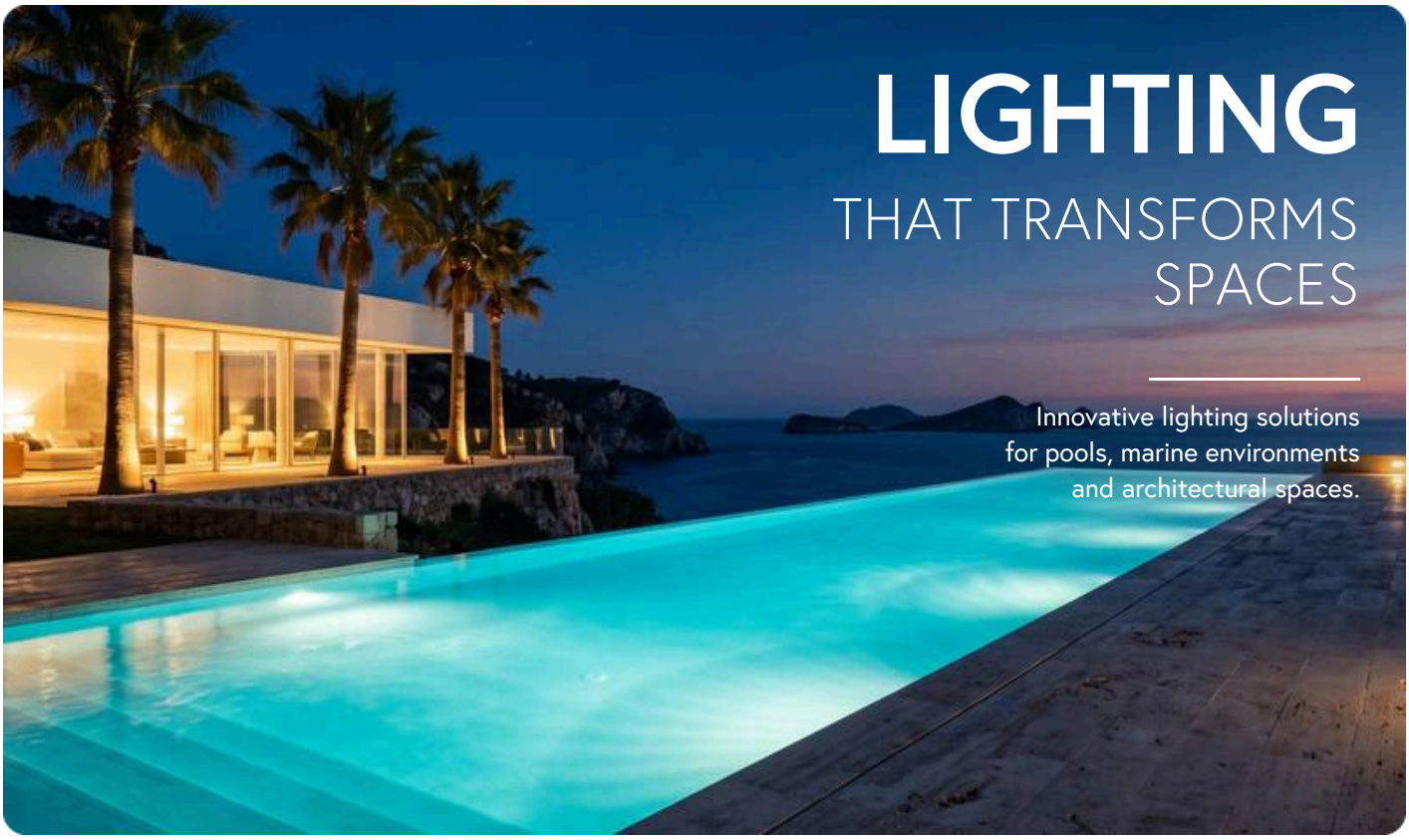
Responsible for all technical work at our factory. Trained in production and design, he turns 3D drawings into the manufacturing steps of each product. An expert in moulds and tooling, he also builds part of our machinery and moulds himself.



Alican ALKAN

PRODUCTION & DIGITAL

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



LIGHTING
THAT TRANSFORMS SPACES

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



POOL LIGHTING
Underwater lighting solutions
for residential and commercial pools



MARINE LIGHTING
Underwater and deck lighting
for yachts and marine applications



OUTDOOR LIGHTING
Architectural and landscape
lighting for exterior spaces

ABOUT US

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

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

OUR OWN DESIGN & MANUFACTURING

HIGH QUALITY MATERIALS

GLOBAL MARKET PRESENCE

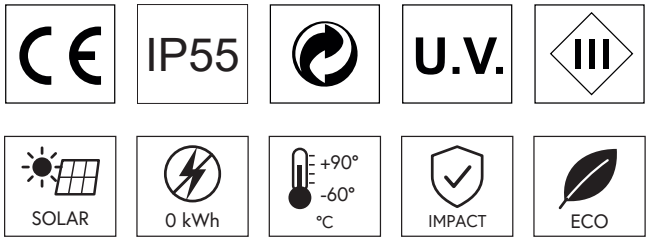
AKBORU



NO ENERGY CONSUMPTION

ECO-FRIENDLY AND SAFE ENERGY

Our goal is to meet everyday outdoor lighting needs of homeowners, neighbourhoods 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.



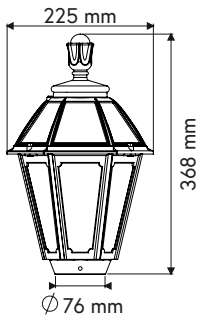
SOLAR

AL SLR4130 WH/BL

BEGONIA SOLAR LIGHTING







LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	71 x 54.5 x 60.5 cm

SPECIFICATIONS

Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk

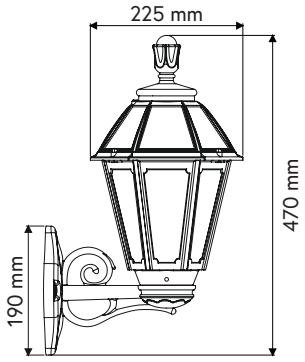
U.V. IP55 1 YEAR WARRANTY

AL SLR4131 WH/BL

BEGONIA SOLAR LIGHTING







LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	71 x 54.5 x 60.5 cm

SPECIFICATIONS

Special E14 LED bulb
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UV protected resin body
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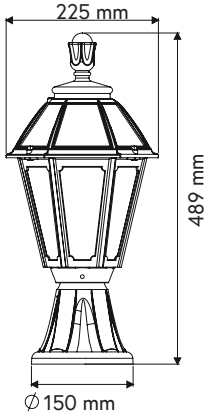
U.V. IP55 1 YEAR WARRANTY

AL SLR4133 WH/BL

BEGONIA SOLAR LIGHTING







LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	71 x 54.5 x 60.5 cm

SPECIFICATIONS

Special E14 LED bulb
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UV protected resin body
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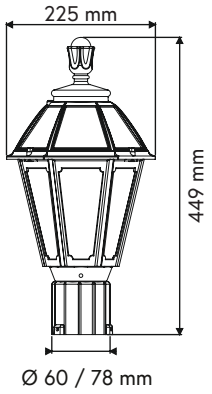
U.V. IP55 1 YEAR WARRANTY

SOLAR

AL SLR4134 WH/BL

BEGONIA SOLAR LIGHTING





LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	71 x 54.5 x 60.5 cm
POLE FITTING	:	Ø 60 mm or Ø 78 mm

SPECIFICATIONS

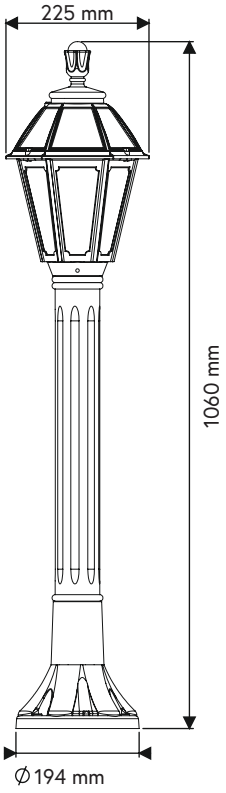
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4130-106 WH/BL

BEGONIA PILLARED SOLAR LIGHTING





LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable

SPECIFICATIONS

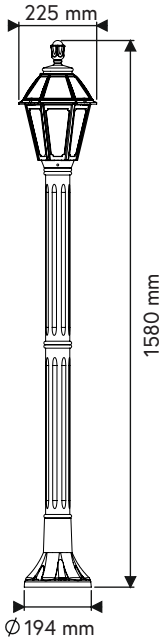
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4130-158 WH/BL

BEGONIA PILLARED SOLAR LIGHTING





LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable

SPECIFICATIONS

Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

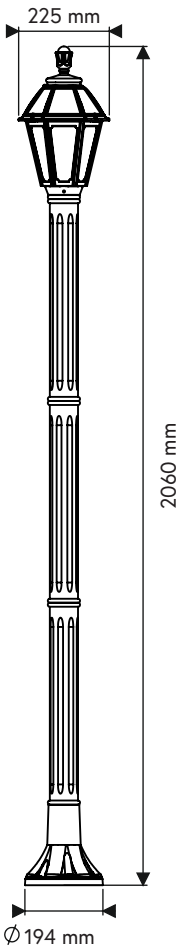
AL SLR4130-206 WH/BL

BEGONIA PILLARED SOLAR LIGHTING

LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable

SPECIFICATIONS

Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk





U.V. IP55 1 YEAR WARRANTY

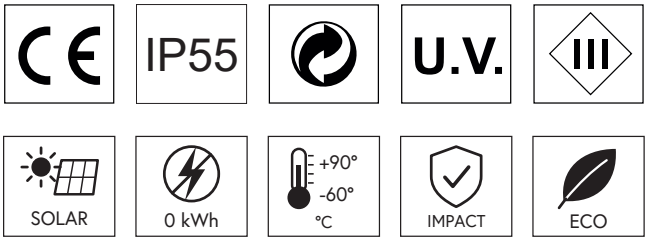
SOLAR



NO ENERGY CONSUMPTION

ECO-FRIENDLY AND SAFE ENERGY

Our goal is to meet everyday outdoor lighting needs of homeowners, neighbourhoods 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.

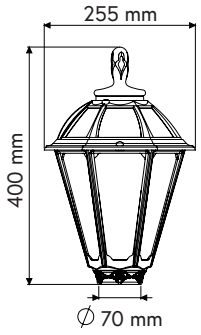


SOLAR

AL SLR4030 WH/BL

SARDINIA SOLAR LIGHTING





LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	71 x 54.5 x 60.5 cm

SPECIFICATIONS

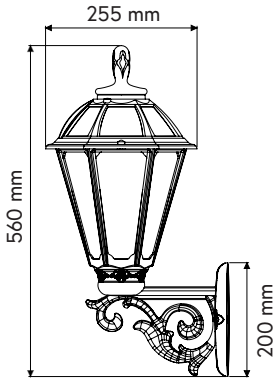
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4031 WH/BL

SARDINIA SOLAR LIGHTING





LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	71 x 54.5 x 60.5 cm

SPECIFICATIONS

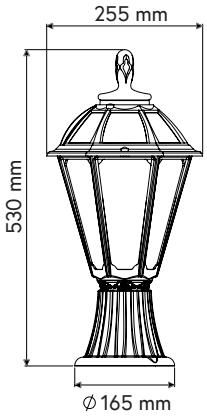
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4033 WH/BL

SARDINIA SOLAR LIGHTING





LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	71 x 54.5 x 60.5 cm

SPECIFICATIONS

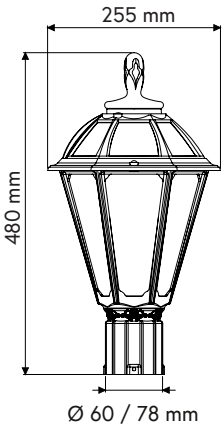
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4034 WH/BL

SARDINIA SOLAR LIGHTING





LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	71 x 54.5 x 60.5 cm
POLE FITTING	:	Ø 60 mm or Ø 78 mm

SPECIFICATIONS

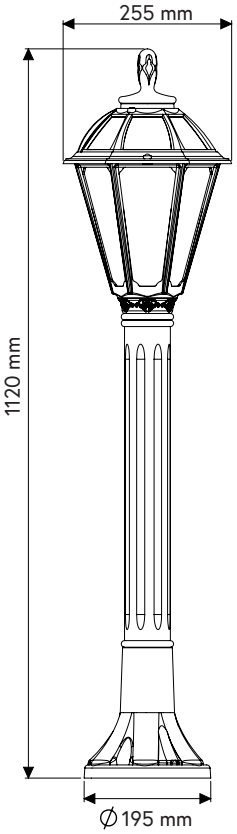
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4030-112 WH/BL

SARDINIA PILLARED SOLAR LIGHTING





LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable

SPECIFICATIONS

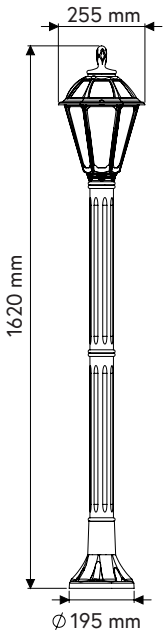
Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4030-162 WH/BL

SARDINIA PILLARED SOLAR LIGHTING





LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable

SPECIFICATIONS

Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

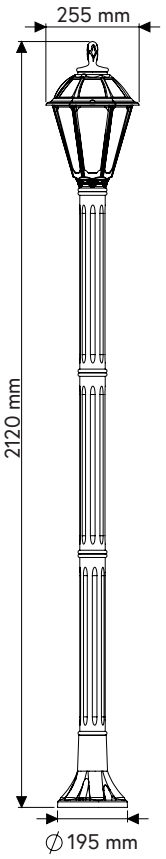
AL SLR4030-212 WH/BL

SARDINIA PILLARED SOLAR LIGHTING

LED BULB	:	Warm White
COLOUR	:	White, Black
VOLT	:	3.2 V
PANEL WATT	:	4.2W
BULB WATT	:	3W
LIGHTING TIME	:	9-12 Hours
LUMEN	:	300 lumen
BATTERY	:	Li-ion rechargeable

SPECIFICATIONS

Special E14 LED bulb
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 9-12 hours on a full charge
Turns on automatically at dusk





U.V. IP55 1 YEAR WARRANTY

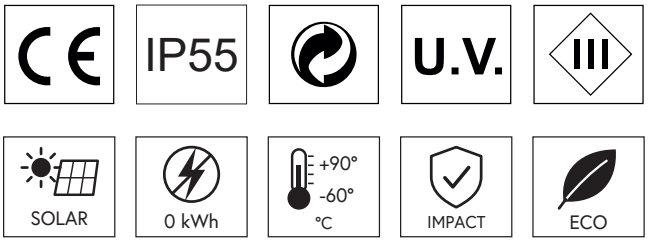
SOLAR



NO ENERGY CONSUMPTION

ECO-FRIENDLY AND SAFE ENERGY

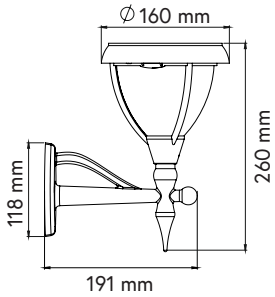
Our goal is to meet everyday outdoor lighting needs of homeowners, neighbourhoods and commercial property managers with high-quality, eco-friendly solar lighting products that solve real-world problems, are built to last and bring distinction wherever they are installed.



AL SLR4141 ACACIA

ACACIA SOLAR GARDEN LIGHTING





LED BULB	: Warm White
COLOUR	: White, Black
VOLT	: 3.2 V
PANEL WATT	: 1W
LED WATT	: 1W
LIGHTING TIME	: 7-9 Hours
LUMEN	: 100 lumen
BATTERY	: Li-ion rechargeable
PACKAGE SIZE	: 71 x 54.5 x 60.5 cm

SPECIFICATIONS

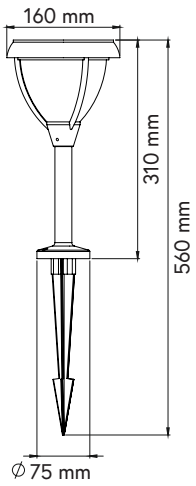
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 7-9 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4143 ACACIA

ACACIA SOLAR GARDEN LIGHTING





LED BULB	: Warm White
COLOUR	: White, Black
VOLT	: 3.2 V
PANEL WATT	: 1W
LED WATT	: 1W
LIGHTING TIME	: 7-9 Hours
LUMEN	: 100 lumen
BATTERY	: Li-ion rechargeable
PACKAGE SIZE	: 71 x 54.5 x 60.5 cm

SPECIFICATIONS

Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 7-9 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

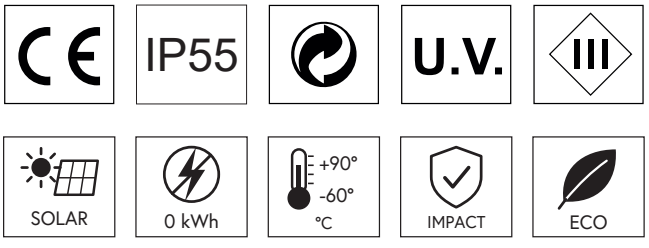




NO ENERGY CONSUMPTION

ECO-FRIENDLY AND SAFE ENERGY

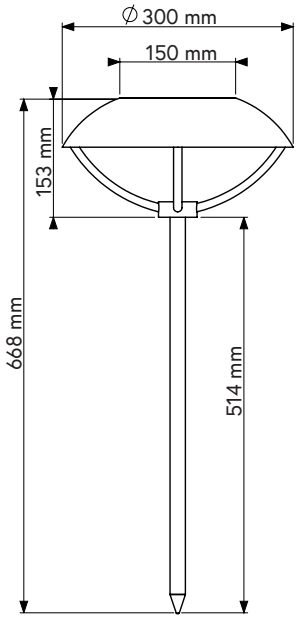
Our goal is to meet everyday outdoor lighting needs of homeowners, neighbourhoods and commercial property managers with high-quality, eco-friendly solar lighting products that solve real-world problems, are built to last and bring distinction wherever they are installed.



AL SLR4243 AN MIMOSA

MIMOSA SOLAR GARDEN LIGHTING





LED BULB	: Warm White
COLOUR	: Anthracite
VOLT	: 3.2 V
PANEL WATT	: 1W
LED WATT	: 1W
LIGHTING TIME	: 7-9 Hours
LUMEN	: 100 lumen
BATTERY	: Li-ion rechargeable

SPECIFICATIONS

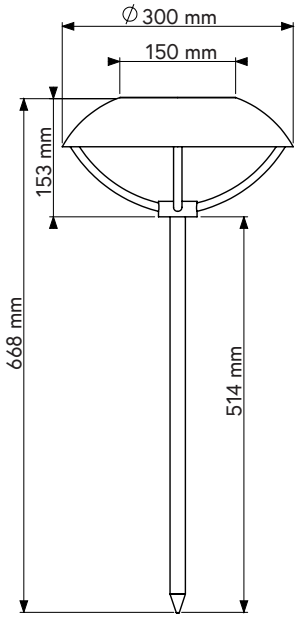
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 7-9 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4243 WH MIMOSA

MIMOSA SOLAR GARDEN LIGHTING





LED BULB	: Warm White
COLOUR	: White
VOLT	: 3.2 V
PANEL WATT	: 1W
LED WATT	: 1W
LIGHTING TIME	: 7-9 Hours
LUMEN	: 100 lumen
BATTERY	: Li-ion rechargeable

SPECIFICATIONS

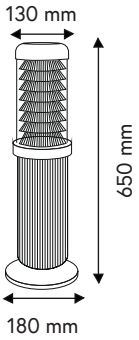
Eco-Friendly solar lighting
UV protected resin body
PC glass resistant to UV and impact
Up to 7-9 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4016-650 WH

SOLAR MARINE LANTERN





U.V. IP55 1 YEAR WARRANTY

LED BULB	:	White
COLOUR	:	White
VOLT	:	3.2 V
PANEL WATT	:	1.8W
BULB WATT	:	2W
LIGHTING TIME	:	8-10 Hours
LUMEN	:	200 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	60.5 x 40.5 x 68 cm

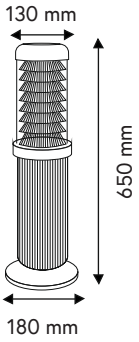
SPECIFICATIONS

LED bulb
Eco-Friendly solar lighting
UV protected ABS body
PC glass resistant to UV and impact
Up to 8-10 hours on a full charge
Turns on automatically at dusk

AL SLR4016-650 BL

SOLAR MARINE LANTERN





U.V. IP55 1 YEAR WARRANTY

LED BULB	:	White
COLOUR	:	Black
VOLT	:	3.2 V
PANEL WATT	:	1.8W
BULB WATT	:	2W
LIGHTING TIME	:	8-10 Hours
LUMEN	:	200 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	60.5 x 40.5 x 68 cm

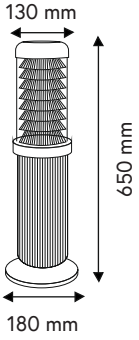
SPECIFICATIONS

LED bulb
Eco-Friendly solar lighting
UV protected ABS body
PC glass resistant to UV and impact
Up to 8-10 hours on a full charge
Turns on automatically at dusk

AL SLR4016-650 SG

SOLAR MARINE LANTERN





U.V. IP55 1 YEAR WARRANTY

LED BULB	:	White
COLOUR	:	Silver Grey
VOLT	:	3.2 V
PANEL WATT	:	1.8W
BULB WATT	:	2W
LIGHTING TIME	:	8-10 Hours
LUMEN	:	200 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	60.5 x 40.5 x 68 cm

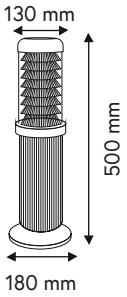
SPECIFICATIONS

LED bulb
Eco-Friendly solar lighting
UV protected ABS body
PC glass resistant to UV and impact
Up to 8-10 hours on a full charge
Turns on automatically at dusk

AL SLR4016-500 WH

SOLAR MARINE LANTERN





LED BULB	:	White
COLOUR	:	White
VOLT	:	3.2 V
PANEL WATT	:	1.8W
BULB WATT	:	2W
LIGHTING TIME	:	8-10 Hours
LUMEN	:	200 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	60.5 x 40.5 x 68 cm

SPECIFICATIONS

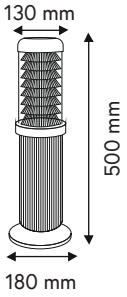
LED bulb
Eco-Friendly solar lighting
UV protected ABS body
PC glass resistant to UV and impact
Up to 8-10 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4016-500 BL

SOLAR MARINE LANTERN





LED BULB	:	White
COLOUR	:	Black
VOLT	:	3.2 V
PANEL WATT	:	1.8W
BULB WATT	:	2W
LIGHTING TIME	:	8-10 Hours
LUMEN	:	200 lumen
BATTERY	:	Li-ion rechargeable
PACKAGE SIZE	:	60.5 x 40.5 x 68 cm

SPECIFICATIONS

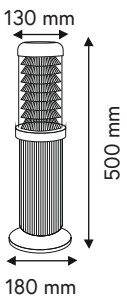
LED bulb
Eco-Friendly solar lighting
UV protected ABS body
PC glass resistant to UV and impact
Up to 8-10 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY

AL SLR4016-500 SG

SOLAR MARINE LANTERN





LED BULB	:	White
COLOUR	:	Silver Grey
VOLT	:	3.2 V
PANEL WATT	:	1.8W
BULB WATT	:	2W
LIGHTING TIME	:	8-10 Hours
LUMEN	:	200 lumen
BATTERY	:	Li-ion rechargeable
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SPECIFICATIONS

LED bulb
Eco-Friendly solar lighting
UV protected ABS body
PC glass resistant to UV and impact
Up to 8-10 hours on a full charge
Turns on automatically at dusk

U.V. IP55 1 YEAR WARRANTY



AKER LIGHTING AK BORU AKER LIGHTING

SERTİFİKA

CERTIFICATE

KALİTE YÖNETİMİ / *QUALITY MANAGEMENT*

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

kuruluşunun,
company,

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

adresinde,
at address,

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

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

kapsamında
at scope

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

ISO 9001: 2015

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

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

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

TÜRKAK BDS NO
YS-5815-5A14

Onay:
Approved By:

SERTİFİKASYON ★ CERTIFICATION ★ ZERTİFİZİERUNG ★ СЕРТИФИКАЦИЯ
ASB

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

ASB Uluslararası Belgelendirme Gözetim Denetim ve Eğitim Hiz. Ltd. Şti. / *ASB International Certification Surveillance, Auditing and Training Services Ltd. Company*
Tatlısu Mh. Akif İnan Sk. Sevim Residence No:16 Daire:13 Kat:06 Ümraniye – İstanbul / TÜRKİYE Tel: +90 216 526 10 04 Fax: +90 216 526 30 91 e-mail: bilgi@asbcert.com.tr
Bu sertifika, kuruluşun ASB'nin şartlarına uyduğu sürece geçerlidir. Sertifikanın durumu www.asbcert.com.tr adresinden kontrol edilebilir.
The Validity shall remain in force as long as the corporation follows instructions of ASB. Certificates status can be checked at www.asbcert.com.tr

CERTIFICATE

QA-AC-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 4261, AL 4271, AL 4285 AL 3035Y-K, AL 3075Y-K, AL 3135Y-K, AL 3145Y-K, AL 3155, AL 3165, 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 CE işareti iliştirilmesi ile ilgili nihai sorumluluk üreticiye aittir.
Ultimate responsibility regarding the affixing of CE mark according to relavant regulations and legal legislation, belongs manufacturer.

Sertifika Yayın Tarihi : 20.09.2026
Certificate Issue Date
Geçerlilik Tarihi : 20.09.2027
Validity Date

ALBERK QA ULUSLARARASI TEKNİK KONTROL VE BELGELENDİRME A.Ş.
BARBAROS MAH. AK ZAMBAK SOK.
A BLOK KAT:19 No:2 ATAŞEHİR
İSTANBUL / TÜRKİYE
Tel : 0216 572 49 10-11-12
Fax : 0216 572 49 14
www.qatechnic.com

L. Murat YILMAZ
Yönetim Kurulu Başkanı
Chairman Of Executive Board

T.C.
TÜRK PATENT ve MARKA KURUMU

MARKA TESCİL BELGESİ

Marka No : 2016 17233 - Ticaret

AL Aker Lighting

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

Emtiası : 09 , 11
İlişiktedir.

T.C. MARKALAR DAİRESİ BAŞKANLIĞI

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

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

TÜRK PATENT
TÜRK PATENT VE MARKA KURUMU

T.C.
TÜRK PATENT ve MARKA KURUMU

MARKA TESCİL BELGESİ

Marka No : 2000 26759 - Ticaret

AK BORU

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

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

T.C. MARKALAR DAİRESİ BAŞKANLIĞI

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

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

TÜRK PATENT
TÜRK PATENT VE MARKA KURUMU

TECHNICAL INFORMATION

Protection classes & symbols

IP PROTECTION LEVEL · IEC 60529

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

PROTECTION AGAINST ELECTRIC SHOCK

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

PROTECTION AGAINST FLAMMABILITY

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

QUALITY STANDARDS

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

SYMBOL INFORMATION

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

CATALOGUE DESIGN: ALICAN ALKAN



AKBORU ELEKTRIK CO. LTD.

Office : Perpa Ticaret Merkezi A Blok Kat. 8 No. 702, 34384 Sisli, Istanbul, TÜRKİYE
Tel : +90 212 2102526 / +90 212 2102522 Fax : +90 212 2102527

Factory : Merkez Mh. Prof. Dr. Mustafa Nevzat Pisak Caddesi
Kucuk Dogu Sanayi Sitesi 1. Blok No. 1-3, 34197 Bahcelievler, Istanbul, TÜRKİYE

www.akboru.com **info@akboru.com**