AKER LIGHTING

TECHNICAL DATA SHEET

AL 4055TR

SURFACE-MOUNT LED POOL LIGHT WITH THERMAL RESIN BODY

Patented



Pool Lighting › Thermal Resin Surface Mounted Pool Lighting

The AL 4055TR is a surface-mounted LED pool light with a thermal resin cooling body and a profile only 32 mm thick, fitted with AISI 316L stainless steel fixtures and impact- and UV-resistant glass. Single-colour versions with 84 or 120 LEDs (42 W / 60 W) come in white, warm white or blue; RGB versions with 150 or 240 LEDs provide four-wire or two-wire connection. Frames are available in white, chrome or AISI 316L stainless steel, and the light is suitable for saltwater.

PROTECTION RATING	IP68
OPERATING VOLTAGE	12 VAC · 24 VDC · 12 VDC
POWER	30–60 W
ELECTRICAL CLASS	Class III
WARRANTY	2-year warranty

FRAME COLOUR	White · Chrome · Stainless steel
LED COLOUR	White · Warm white · Blue · RGB
POWER	30 W · 42 W · 50 W · 60 W
OPERATING VOLTAGE	12 VAC · 24 VDC · 12 VDC

CERTIFICATES AND PROPERTIES

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

FEATURES

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

TECHNICAL DATA

	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-84 CR/(WH,WW,BL) (42W) AL 4055TR-120 CR/(WH,WW,BL) (60W) AL 4055TR-84 SS/(WH,WW,BL) (42W) AL 4055TR-120 SS/(WH,WW,BL) (60W)	AL 4055TR-150 WH/RGB (Four Wired) (30W) AL 4055TR-240 WH/RGB (Four Wired) (50W) AL 4055TR-150 CR/RGB (Four Wired) (30W) AL 4055TR-240 CR/RGB (Four Wired) (50W) AL 4055TR-150 SS/RGB (Four Wired) (30W) AL 4055TR-240 SS/RGB (Four Wired) (50W)	AL 4055TR-150 WH/RGB (Two Wired) (30W) AL 4055TR-240 WH/RGB (Two Wired) (50W) AL 4055TR-150 CR/RGB (Two Wired) (30W) AL 4055TR-240 CR/RGB (Two 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	12 VAC / 24 VDC	12VDC	12VAC
Frame Options	White, Chrome , AISI 316L Stainless Steel		
Package	Size : 62 X 27 X 27.5 cm 14 pcs		

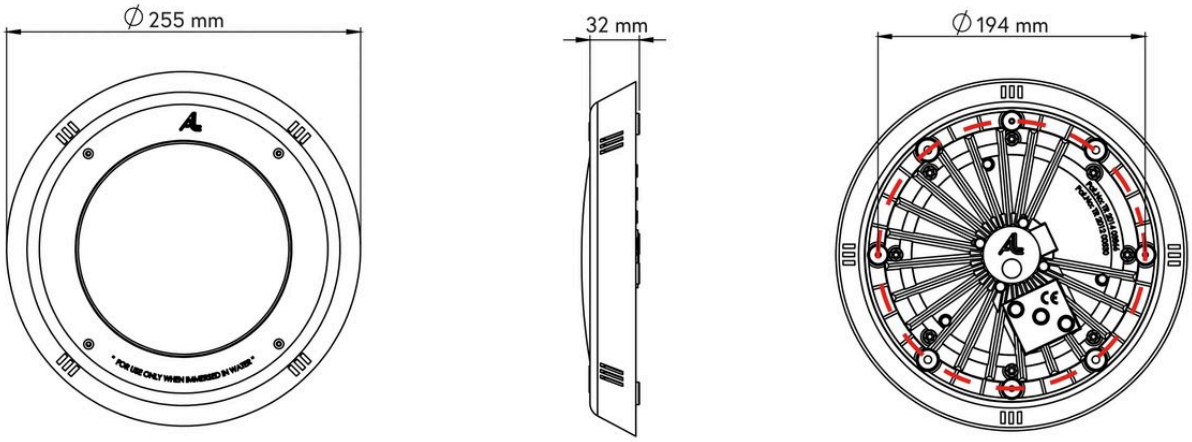
AK BORU ELK. MALZ. LTD. ŞTİ. · **AKER LIGHTING**
Office: Perpa Ticaret Merkezi A Blok Kat 8 No:702, 34384 Okmeydanı – Şişli / İstanbul
Tel: +90 212 210 25 26

AKBORU
www.akboru.com
info@akboru.com

AL 4055TR

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DIMENSION DRAWINGS



Dimensions in millimetres (catalogue 2027).

PRODUCT CODES

Code	Frame colour	LED colour	Power	Luminous flux
AL 4055TR-84 WH (SINGLE COLOUR)	White	—	42 W	4200 / 2520 lm
AL 4055TR-120 WH (SINGLE COLOUR)	White	—	60 W	6000 / 3600 lm
AL 4055TR-150 WH (RGB)	White	RGB	30 W	—
AL 4055TR-240 WH (RGB)	White	RGB	50 W	—
AL 4055TR-150 WH (RGB) TWO WIRED	White	RGB	30 W	—
AL 4055TR-240 WH (RGB) TWO WIRED	White	RGB	50 W	—
AL 4055TR-84 CR (SINGLE COLOUR)	Chrome	—	42 W	4200 / 2520 lm
AL 4055TR-120 CR (SINGLE COLOUR)	Chrome	—	60 W	6000 / 3600 lm
AL 4055TR-150 CR (RGB)	Chrome	RGB	30 W	—
AL 4055TR-240 CR (RGB)	Chrome	RGB	50 W	—
AL 4055TR-150 CR (RGB) TWO WIRED	Chrome	RGB	30 W	—
AL 4055TR-240 CR (RGB) TWO WIRED	Chrome	RGB	50 W	—
AL 4055TR-84 SS (SINGLE COLOUR)	Stainless steel	—	42 W	4200 / 2520 lm
AL 4055TR-120 SS (SINGLE COLOUR)	Stainless steel	—	60 W	6000 / 3600 lm
AL 4055TR-150 SS (RGB)	Stainless steel	RGB	30 W	—
AL 4055TR-240 SS (RGB)	Stainless steel	RGB	50 W	—
AL 4055TR-150 SS (RGB) TWO WIRED	Stainless steel	RGB	30 W	—
AL 4055TR-240 SS (RGB) TWO WIRED	Stainless steel	RGB	50 W	—

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