AKER LIGHTING

TECHNICAL DATA SHEET

# AL SPAR56

ALUMINIUM BODY AND SMD LED PAR56 POOL BULB



Pool Lighting › Aluminium Body PAR56 LED Pool Bulbs

**PATENTED PRODUCT**

The AL SPAR56 is a PAR56 LED pool bulb with a patented aluminium cooling body and anti-corrosion plating. Its UV-protected special glass is resistant to impact. It is available with 84 or 120 SMD LEDs (42 W / 60 W) in white, warm white and blue, and in 30 W / 50 W RGB full-colour versions with four-wire wireless control. It operates on 12 VAC / 24 VDC and is not suitable for saltwater pools.

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

| | |
|---|---|
| LED COLOUR | White · Warm white · Blue · RGB |
| POWER | 30 W · 42 W · 50 W · 60 W |
| OPERATING VOLTAGE | 12 VAC · 24 VDC |

## CERTIFICATES AND PROPERTIES

IP68 waterproof · Class III · UV resistant · Recyclable · CE · 2 year warranty · RGB, 4 wires (controller) · Suitable for direct mounting on normally flammable surfaces · Dust-tight · Protected against water jets · Patented product

## FEATURES

### FEATURES:

- Aluminium cooling body, anti-corrosion plating
- UV protected special glass, resistant to impact
- High light output, long life, low energy consumption
- Recyclable Eco-Friendly materials
- RGB full colour with fast / slow and colour-changing / fixed-colour modes

### SPECIFICATIONS

- 42W White and Warm White colours: 4200 lumen
- 42W Blue colour: 2520 lumen
- 60W White and Warm White colours: 6000 lumen
- 60W Blue colour: 3600 lumen
- 30W & 50W RGB 3-chip full-colour LED
- RGB four-wire: wireless control

## TECHNICAL DATA

### LIGHT

| | |
|---|---|
| LED | 84 pcs high power SMD LED (5730)<br>120 pcs high power SMD LED (5730) |
| Colour | White, Warm White, Blue |
| Lumen | WH/WW 4200 - BL 2520 lumen<br>WH/WW 6000 - BL 3600 lumen |

### ELECTRICAL

| | |
|---|---|
| Volt | 12 VAC / 24 VDC |
| Watt | 42 W (AL SPAR56-84 WH/WW/BL)<br>60 W (AL SPAR56-120 WH/WW/BL) |

### BODY AND MOUNTING

| | |
|---|---|
| Warranty | 2 years |
| Saltwater | Not suitable |

### PACKAGING

| | |
|---|---|
| Package Sizes | 64 × 38 × 56 cm |

### RGB BULB LUMEN VALUES

| LED Colour | Total MCD | Lumen |
|---|---|---|
| **Red** | 75,000 | 235 |
| **Green** | 195,000 | 615 |
| **Blue** | 49,500 | 155 |

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| LED Colour | Total MCD | Lumen |
|---|---|---|
| White | 319,500 | 1005 |

### RGB BULB LUMEN VALUES

| LED Colour | Total MCD | Lumen |
|---|---|---|
| Red | 120,000 | 376 |
| Green | 312,000 | 980 |
| Blue | 79,200 | 248 |
| White | 511,200 | 1604 |

## PRODUCT CODES

| Code | LED colour | Power | Luminous flux |
|---|---|---|---|
| AL SPAR56-84 (WH/WW/BL) | White, Warm white, Blue | 42 W | 4200 / 2520 lm |
| AL SPAR56-120 (WH/WW/BL) | White, Warm white, Blue | 60 W | 6000 / 3600 lm |
| AL SPAR56-150 (RGB) | RGB | 30 W | — |
| AL SPAR56-240 (RGB) | RGB | 50 W | — |

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