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## 52 x 120mm, White, EuroBrite™ Ring Light

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AI EuroBrite Ring Light



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⊖ 1 ⊕ **A\$512<sup>00</sup>**

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**Note:** This item requires accessories for use | [Learn More](#)

### Product Downloads

### General

50,000 **Operating Lifetime (hours):**

RL-S052120MWHI **Model Number:**

**Type of Illumination:**

LED Illuminator

**Note:**

See Technical Information Tab for Typical Intensity

**Manufacturer:**

Advanced Illumination

**Geometry:**

Ring Light

**Illumination Mode:**

Strobed or Constant

## Physical & Mechanical Properties

**Dimensions (mm):**

120 x 120 x 30

**Weight (g):**

173.00

## Optical Properties

**Color:**

White

## Electrical

**Maximum Input Current:**

0.42 - 0.49A

**Analog Intensity Control:**

10% @ 0.7V, 100% @ 10V

**Trigger-to-Pulse Latency:**

10µm

## Hardware & Interface Connectivity

**Connector:**

Flying Leads

**Input Voltage (V):**

24V nominal (min. 22 / max. 28)

**Power Supply:**

Power Supply Required and Sold Separately.

USA: [#66-855](#)

Europe: [#66-855](#)

Japan: [#89-513](#)

Korea: [#33-773](#)

China: [#66-855](#)

## Environmental & Durability Factors

**Operating Temperature (°C):**

0 - 60

**Environmental Rating:**

IP67

## Regulatory Compliance

**RoHS 2015:**

[Compliant](#)

**Certificate of Conformance:**

[View](#)

**Reach 233:**

[Contains SVHC\(s\)](#)

## Product Details

- 52mm Inner Diameter
- Requires No Heat Sink
- Available in White, Red, and Blue

Advanced Illumination EuroBrite™ Ring Light illuminators feature on-board smart drivers functional during strobe and continuous operation modes making them ideal for the most demanding performance constraints. Adaptive OverDrive™ allows for power optimization while in strobing mode, and Adaptive Thermal Feedback™ gives operational current control to the user, preventing overheating and eliminating the need for a heat sink. These Advanced Illumination EuroBrite™ Ring Light illuminators feature a ruggedized, sealed enclosure, and are available in white, red, or blue versions. The illuminators inner diameter can accommodate components up to 52mm in diameter. An analog dimming control operable in both strobe and continuous modes add to illuminator's customizability.

**Note:** A 24V power supply is required.

## Technical Information

Typical Intensity			
Working Distance	200mm	300mm	600mm
Area	ø132mm	ø145mm	ø226mm
Typical Irradiance (W/M <sup>2</sup> )	100.0	74	28

Typical Illuminance (kLux)	34.0	25	10
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