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52 x 120mm, Blue, EuroBrite™ Ring Light

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All EuroBrite Ring Light



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General

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

RL-S052120M470 **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:

Blue

Wavelength (nm):

470

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 ²)	100.0	74	28
Typical Illuminance (kLux)	34.0	25	10
