



Mini LED Ringlight, A25070

Mechanical Specifications

Mounting:	M4 Mounting Holes
Connector Type:	8 Pin DIN Connector
Cable Length:	75.5" (2 M)
Housing Type:	Black Anodized Aluminum
Temperature Range:	Operating – 20 °C to + 40 °C
Temperature Range:	Storage – 40 °C to + 80 °C
Outside diameter:	2.68" (68.1 mm)
Inside diameter:	1.28" (32.51 mm)
Height:	1.10" (27.9 mm)
Weight of head:	0.49 lb. (254 gm)

Mini LED Ringlight

For 19 to 32.5 mm Objective Diameters

SCHOTT LED ringlights emit intense, uniform, and shadow-free illumination for Machine Vision and Microscopy applications.

Patented Features

- Matrix plate heat sink dissipates heat buildup to improve light output and extend component life.
- Matrix circuit design that maximizes reliability by isolating failures to individual LEDs.
- Intelligent design facilitates monitoring of light head temperature and intensity through continuous feedback via the built-in thermistor and photodiode (contact SCHOTT for details).

Standard Features

- Fits microscope and camera objectives from 19 to 32.5 mm.
- Standard LED: Ø 3 mm T1-housing
- Working distance: 3" to 8" (76 to 203 mm)
- Use in a steady-state mode as a general purpose area light, or in strobe mode to freeze motion, reduce exposure times and increase processing speed.
- Thumbscrew mounting system for precise positioning. Ringlights fit directly on most microscope and camera objectives without adapters. To replace lost thumbscrews, use part number A29501.
- The ringlight body is made of rugged, black anodized aluminum.
- Works with LED Controllers from the iQLED Series.
- One year warranty.
- Manufactured in the USA.

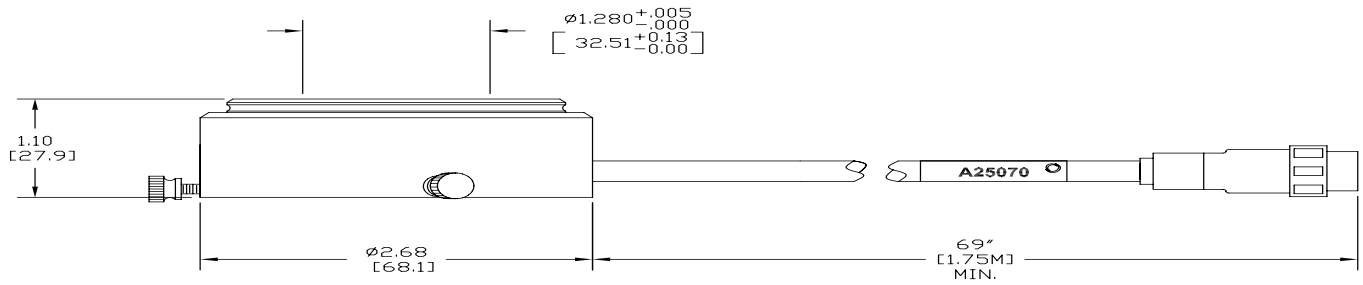
Ringlight and Accessories

Description	Part. No	Color	No. of Leds	Peak-Wavelength	Voltage	Current**	Size [mm]
Lighthouse							
LED Ringlight	A25070	Red	64	630 nm	12 volt	780 mA	19/32.5
	A25070.1	White	64	630 nm	12 volt	560 mA	19/32.5
Accessories							
Polarizer	A25041	enhances contrast on highly reflective surfaces					
Window	A25043	protects from dust					
Diffuse Dome	A25045	for diffuse shadowfree illumination					

Mini LED Ringlight

Dimensions in () are in mm

Ringlight Input: Black Anodized Aluminum



A25070, A25070.1 - 19 / 32.5 mm LED Ringlights

Fiber Optics

SCHOTT North America, Inc.

62 Columbus Street

Auburn, NY 13021-3137

USA

Phone: +1315/255-2791

Fax: +1315/255-2695

E-mail: fiberoptics.auburn@us.schott.com

www.us.schott.com/fiberoptics

SCHOTT