TECHNIQUIP LED RING LIGHT SYSTEMS

TECHNIQUIP manufactures a wide range of LED ring light systems to meet all applications and budgets. All systems utilize a in-house designed constant current controller to maximize LED output and life as well as maintain a consistent color temperature at all dimming levels. The systems are manufactured in California which allows us to provide the systems with non-standard spectrum LED's (e.g. IR, UV, etc) for custom applications with very quick delivery. Made of the highest quality materials to ensure a long service life. ESD versions available.

AN2-80-LED WIDE FIELD LED RING LIGHT

- Power Supply: AC 90-240V, 50-60Hz
- Independent segment control; 8 quadrant, 4x10 segments
- Proprietary constant current controller
- Maintain constant color temperature regardless of intensity
- Operating Temperature: 32 -104˚F(0-40˚C)
- Color Temperature: 5500˚K (approx)
- Machined aluminum alloy housing, black anodize finish, ESD option
- Max. Opening: 66mm
- Lamp Life: Minimum 10,000 hours
- 80 Very High Brightness LEDs
- Applicable to SPZ and SZ Series Stereo Microscopes
- Adapters available for all makes and models of stereo microscopes

AN2-40-LED HIGH OUTPUT LED RING LIGHT

- Power Supply: AC 90-240V, 50-60Hz
- Independent segment control; 4 quadrant, 4x10 segments
- Proprietary constant current controller
- Maintain constant color temperature regardless of intensity
- Operating Temperature: 32 -104˚F(0-40˚C)
- Color Temperature: 5500˚K (approx)
- Machined aluminum alloy housing, black anodize finish, ESD option
- Max. Opening: 66mm
- Lamp Life: Minimum 10,000 hours
- 40 Very High Brightness LEDs
- Applicable to SPZ and SZ Series Stereo Microscopes
- Adapters available for all makes and models of stereo microscopes

LED3000-CW GENERAL PURPOSE LED RING LIGHT

- Power Supply: AC 90-240V, 50-60Hz
- Full intensity control: 15% - 100%
- Proprietary constant current controller integrated into the body
- Maintain constant color temperature regardless of intensity
- Operating Temperature: 32 -104˚F(0-40˚C)
- Color Temperature: 5500˚K (approx)
- High impact polymer housing, anodized aluminum mounting ring
- Max. Opening: 66mm
- Lamp Life: Minimum 10,000 hours
- 40 Very High Brightness LEDs
- Applicable to SPZ and SZ Series Stereo Microscopes
- Adapters available for all makes and models of stereo microscopes

Dimensions

AN-2-80-LED: O.D= 4.01" x Thickness = 1.09", I.D = 2.60"

AN-2-40-LED: O.D= 3.81" x Thickness = 0.67", I.D = 2.60"

LED3000-CW: O.D= 4.01" x Thickness = 1.09", I.D = 2.60"

Photometrics Data (Footcandles)

Working Distance (inches)	TLC5 Fluorescent Ring Light	LED 40 LED3000 Ring Light	LED 80 Ring Light	150 watt Fiber Optic Ring Light
3.5	1020	4010	4280	10030
4.0	850	4030	5300	8230
4.5	700	3600	5800	6450
5.0	570	3120	5700	5400
5.5	500	2650	5400	4400
6.0	140	2190	5010	4020

TECHNIQUIP Microscope Adapters *(for LED series ring lights)*

Machined aluminum, black anodized, precision adapters to mount the LED series ring light systems onto specific model stereo microscopes and auxilliary lenses. Custom adapters for other models and lenses are available. Contact us for details.

	Description	
	AN-1-5	Fits Bausch & Lomb, Leica, Cambridge Stereozoom 1, 2, 3, 4 ,5 series (has inside threads for auxiliary lense or glass shield).
	AN-1-6	Fits Leica SZ4 andd SZ6 series.
	AN-1-8	Fits American Optical 569, 570 series.
	AN-1-9	Fits Olympus SZH.
	AN-1-10	Fits Nikon SMZ-1, SMZ-1B, Olympus SZ3, SZ30, SZ40, SZ50, SZ60 series.
	AN-1-11	Fits Unitron ZST.
	TL-11F	Fits Swift SM90 (with threads for splash guard/glass shield.
	AN-1-12A	Fits Olympus VM series.
	TL-15	Fits 46mm diameter lenses (e.g MHL10).
	AN-2-645	Fits Nikon 645 and OEM SPZ series and model SZ645.
	AN-1-EMT-1	Fits Meiji EMT-1, EMT-2.
	AN-1-EMT-3	Fits Meiji EMT-3, EMT-4.
	AN-2-EMZ	Fits Meiji EMZ, EMF series.
	TL-SWIFT	Fits Swift SM-80.
	TL-GZ4F	Fits American Optical 569, 570 series.
	TL-MP4	Fits Polaroid MP-4 system.
	AN-1-SMZ-2	Fits Nikon SMZ-2.