

RTGLS-Ar01, Ready-to-Go Light Source

Light Source for Scientific and Industrial Use

RTGLS



- High intensity, high efficiency light source
- Broad-spectrum wavelength ranging from ultraviolet, through visible and infrared wavelengths
- Dust resistant enclosure
- Support for the insertion of industry-standard 25.4mm filters and/or diffusers
- Precision collimation to focus energy starting at the source
- Low 0.5 Amp supply current with standard 5V supply voltage
- *Shown with optional red filter glass

The RTGLS, Ready-to-Go Light Source

The RTGLS-Ar01 is an industrial-hardened, broad-spectrum light source for use in many industrial and scientific applications. Whether one is monitoring UV curing environments, visible light color transmittance or reflectance, or near-infrared coating absorption, the RTGLS-Ar01 can provide the required spectral reference point for your application. The device includes a high-efficiency Argon lamp, packaged in a hardened enclosure equally applicable for bench-top scientific research and rugged industrial environments. The RTGLS also includes a retaining ring and O-ring seal for the addition of customer-supplied filters or diffusers.

Industrial-Strength, In-Situ Optical Monitoring

Combined with the RTGOM Ready-to-Go Optical Monitor, the RTGLS brings high-precision light sensing to industrial process monitoring and control systems. The aluminum, dust-resistant enclosure allows for operation in the toughest manufacturing and scientific environments, including the ability to add standard 25.4mm optical filters for custom wavelength sensing. The low power requirement allows multiple RTGLS's to be powered from a single power supply, greatly facilitating wiring requirements in multiple light-source systems. The flying-leads provide for simple wire nut connection, or attachment of customer-supplied quick disconnects.

Key Specifications

Dimensions	2.5 x 1.4 x 0.8 in 6.4 x 3.6 x 2.0 cm	Custom Optical Filter Size (filter is customer supplied)	1" 25.4mm
Weight	0.25 Lbs. / 0.12 Kg	Wavelength Range	Visible – Near IR
Voltage	5 Volts	Candle Power	1.4
Amps	0.5 Amps	Kelvin Color	2600
Life (Hours)	4000	Mounting hole thread size	¼-20

Model Number: RTGLS-Ar01

Designed, Sourced, and Manufactured in the USA

Custom lamp designs available based on minimum order quantity and/or NRE fees

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