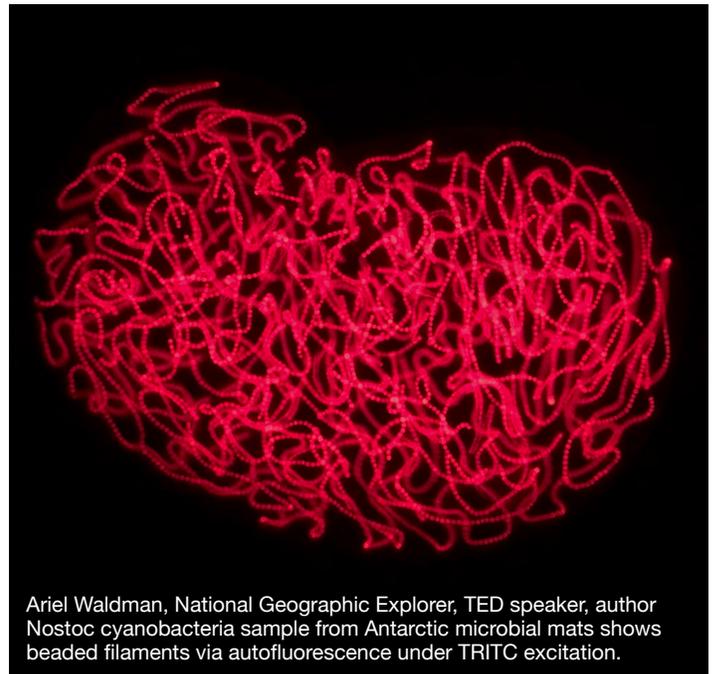


SOLETTE Light Engine



Celebrating 20 years of solid-state illumination leadership

20th Anniversary Limited Edition

Right-Sized Illumination for Routine Fluorescence

SOLETTE Light Engine delivers Lumencor's trusted solid-state performance in a streamlined, lower-cost illuminator designed specifically for routine imaging workflows.

Built on the same core technology as the SOLA, SOLETTE provides stable, white-light excitation for commonly used fluorophores – without the added configurability required for more complex applications.

Purpose-Built for Everyday Imaging

SOLETTE shines bright, stable, excitation light for:

- DAPI
- FITC / GFP
- TRITC / Cy3 / mCherry
- Spectrally similar fluorophores

Two models are available in this limited release:

SOLETTE UG – UltraViolet - Cyan - Green light for routine clinical inspection

SOLETTE VY – Violet - Cyan - Yellow light matched to common lasers in life sciences

Choose SOLA when:

- Broad-spectrum, white light is needed
- Experimental demands are evolving
- Advanced control and configurability are essential

Choose SOLETTE when:

- Routine workflows are well-defined
- Common fluorophores are used consistently
- Simplicity, longevity and cost-savings are priorities

Engineered for Stability and Longevity

SOLETTE delivers stable illumination with no warm-up time required (1 second of activation). Linear optical power control (5-100%) and onboard photodetector feedback ensure consistent, repeatable excitation for numerous applications.

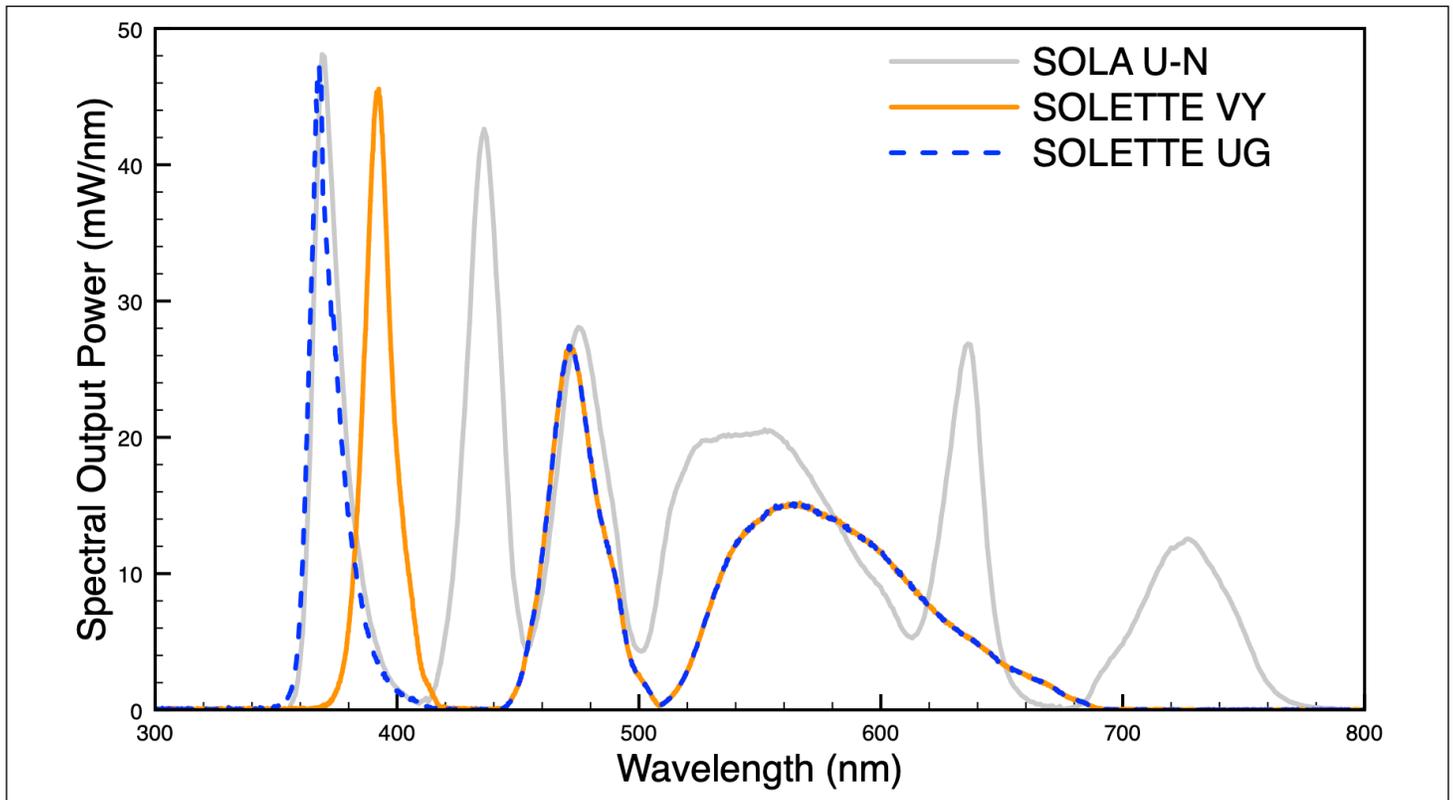
With no bulbs to replace, no alignment required, and no maintenance, SOLETTE simplifies ownership and provides operational lifetimes of more than ten years. A mercury-free, RoHS-compliant design is sustainable, reliable, and environmentally responsible.

Unlike all other Lumencor products, SOLETTE is only available in limited quantity in 2026.

Order your SOLETTE today!

For more information on the [SOLETTE Light Engine](#), please contact us at info@lumencor.com.

To receive a purchase quotation for a SOLETTE Light Engine, please submit our online [quotation request form](#).



Features and Operating Characteristics:

Features	Details
Sources	3 solid-state sources operating simultaneously to produce white light
Spectral Output	Shown above. Compatible with standard DAPI, FITC, TRITC and spectrally similar fluorophore filters
Output Power	2.4 W [1]
Power Stabilization	Onboard photodetector and feedback system for active output power stabilization
Light Delivery	Built-in output adapter for 3 mm diameter liquid light guide (LLG) with safety interlock. LLG (2 m length) included with all orders
Manual Control	Light output switch (front panel) and plug for foot pedal accessory (rear panel)
Electronic Control	Light output on/off and linear power control (5-100%, 1% increments [2]) via USB serial connection [3]. Electronic shutter via TTL input to rear panel BNC
Control Pod	Optional control pod (83-10007) connects to the Light Engine USB port and controls output on/off and intensity settings
Power Requirements	120 W, 24 VDC, 5 A. Power supply and cord included with all orders
Warranty	24 months
Dimensions (W x L x H)	12.5 cm x 26.3 cm x 16.3 cm
Weight	3.6 kg

[1] White light output at distal end of 3 mm diameter LLG.

[2] Recommend operating range 5–100%.

[3] USB-connection cable included with all SOLETTE Light Engines.