

Liquid Light Guide

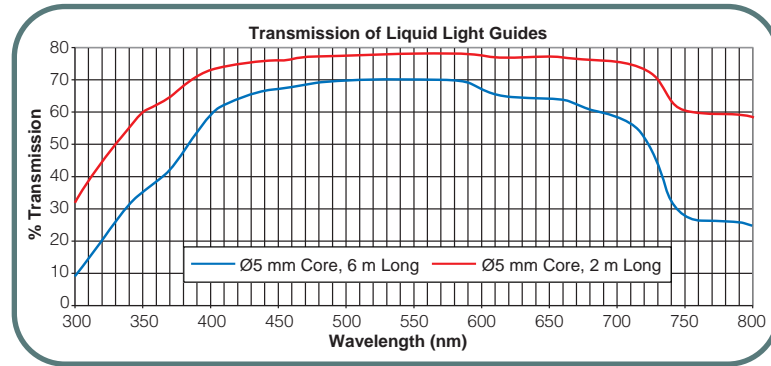


LLG0338-6

Features

- Excellent Transmission from 340 to 800 nm
- Outstanding White Light Illumination
- Suitable for Rugged Environments
- -5 to 35 °C Long-Term Temperature Range
- Custom Core Diameters and Lengths Available Upon Request

Thorlabs' Liquid Light Guides, which are available in 4', 6', and 8' lengths with either a Ø3 mm or Ø5 mm core, offer outstanding transmission from 340-800 nm for white light illumination applications. They provide superior transmission of UV radiation up to 5 W and excellent transmission from the UV to the near IR range. These light guides are recommended for use with the following light sources: tungsten halogen, xenon, metal halide. The long-term temperature range for the liquid light guides range from -5 to 35 °C.



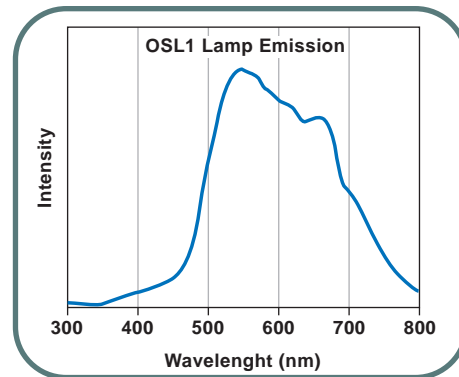
ITEM#	\$	£	€	RMB	DESCRIPTION
LLG0338-4	\$ 215.00	£ 149.10	€ 190.90	¥ 1,815.50	Liquid Light Guide Ø3 mm Core, 4' (1.2 m) Length
LLG0338-6	\$ 252.00	£ 174.70	€ 223.80	¥ 2,127.90	Liquid Light Guide Ø3 mm Core, 6' (1.8 m) Length
LLG0338-8	\$ 297.00	£ 205.90	€ 263.70	¥ 2,507.90	Liquid Light Guide Ø3 mm Core, 8' (2.4 m) Length
LLG0538-4	\$ 271.00	£ 187.90	€ 240.60	¥ 2,288.40	Liquid Light Guide Ø5 mm Core, 4' (1.2 m) Length
LLG0538-6	\$ 338.00	£ 234.40	€ 300.10	¥ 2,854.10	Liquid Light Guide Ø5 mm Core, 6' (1.8 m) Length
LLG0538-8	\$ 424.00	£ 294.00	€ 376.50	¥ 3,580.30	Liquid Light Guide Ø5 mm Core, 8' (2.4 m) Length

High-Intensity Fiber Light Source



OSL1
Includes 36" (91cm)
Long Fiber Bundle
with Ø1/4" Output Port

Our 150 W (3200 K Color Temp) Halogen OSL Light Source is designed to deliver strong, cool light for microscopy and lab applications. The rugged design with thermal switch and safety cutoff features a 150 W halogen lamp with a 1000:1 variable control and is shipped complete with a lamp, bulb, 36" (91 cm), Ø1/4" fiber bundle, and fiber adapter chuck. Versions offering either 110 V or 230 V (CE compliant) are available. To mount the fiber, we recommend using our AD12F mounting adapter, which allows easy integration of the fiber bundle into any of our SM1-compatible mounting hardware. In addition, Thorlabs also offers intense white light LED arrays, single emitter LEDs, collimated multi-emitter LEDs, and uncollimated multi-emitter LEDs (See Page 1110).



SPECIFICATIONS	
Input Voltage	110 - 120 VAC or 220 - VAC, 180 W Max
Light Output	40,000 Foot-Candles
Lamp Adjustment Range	1000:1 (0 to 100%)
Color Temperature	3200 K with Standard EKE Lamp at Max Intensity
Lamp Life	250 - 10,000 Hours
Operating Temperature	0 - 40 °C
Humidity Range	0 - 80% Non Condensing
Weight (Light Source without Fiber Bundle)	7.5 lbs (3.4 kg)

ITEM#	\$	£	€	RMB	DESCRIPTION
OSL1	\$ 497.50	£ 344.90	€ 441.70	¥ 4,201.00	High-Intensity Fiber-Coupled Light Source, 110 - 120 VAC
OSL1-EC	\$ 499.80	£ 346.50	€ 443.80	¥ 4,220.40	High-Intensity Fiber-Coupled Light Source, 220 - 240 VAC, CE Approved
OSL1B	\$ 34.70	£ 24.10	€ 30.90	¥ 293.10	Replacement Bulb for High-Intensity Fiber Light Source