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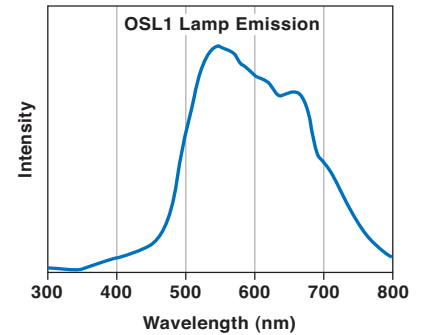
## High-Intensity Halogen Lamp Light Source



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



AD8F



Our 150 W (3200 K Color Temp) Halogen OSL1 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) long 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 AD8F mounting adapter, which allows easy integration of the fiber bundle into any of our SM1-compatible mounting hardware.

## SPECIFICATIONS

Input Voltage	110 - 120 VAC or 220 - 240 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	\$ 514.00	£ 370.08	€ 447.18	¥ 4,096.58	High-Intensity Fiber-Coupled Light Source, 110 - 120 VAC
OSL1-EC	\$ 522.00	£ 375.84	€ 454.14	¥ 4,160.34	High-Intensity Fiber-Coupled Light Source, 220 - 240 VAC, CE Approved
OSL1B	\$ 36.00	£ 25.92	€ 31.32	¥ 286.92	Replacement Bulb for High-Intensity Fiber Light Source
AD8F	\$ 27.50	£ 19.80	€ 23.93	¥ 219.18	Ø8 mm Smooth Bore to External SM1 (1.035" -40) Thread

## Liquid Light Guides



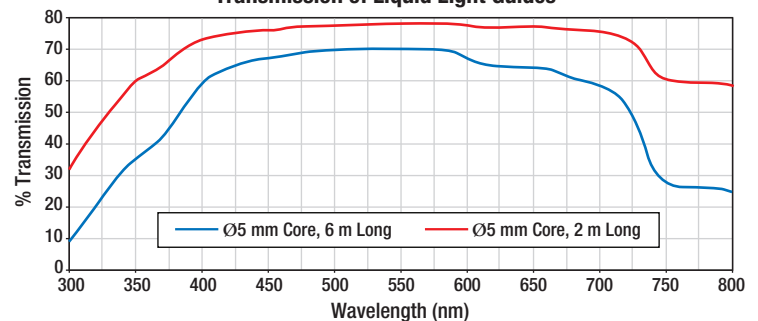
LLG0338-6

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, and metal halide. The long-term temperature range for the liquid light guides range from -5 to 35 °C.

## Features

- Excellent Transmission from 340 to 800 nm (See Plot Below for Details)
- Outstanding White Light Illumination
- Suitable for Rugged Environments
- -5 to 35 °C Long-Term Temperature Range

## Transmission of Liquid Light Guides

Have you  
seen our...OSL1-SMA  
Fiber Adapter

Couple light from  
our OSL1 lamp into  
a fiber bundle.

See page 1017

ITEM #	\$	£	€	RMB	DESCRIPTION	OD of TIP
LLG0338-4	\$ 345.00	£ 248.40	€ 300.15	¥ 2,749.65	Ø3 mm Core Liquid Light Guide, 4' (1.2 m) Length	5 mm
LLG0338-6	\$ 405.00	£ 291.60	€ 352.35	¥ 3,227.85	Ø3 mm Core Liquid Light Guide, 6' (1.8 m) Length	5 mm
LLG0338-8	\$ 465.00	£ 334.80	€ 404.55	¥ 3,706.05	Ø3 mm Core Liquid Light Guide, 8' (2.4 m) Length	5 mm
LLG0538-4	\$ 445.00	£ 320.40	€ 387.15	¥ 3,546.65	Ø5 mm Core Liquid Light Guide, 4' (1.2 m) Length	7 mm
LLG0538-6	\$ 525.00	£ 378.00	€ 456.75	¥ 4,184.25	Ø5 mm Core Liquid Light Guide, 6' (1.8 m) Length	7 mm
LLG0538-8	\$ 595.00	£ 428.40	€ 517.65	¥ 4,742.15	Ø5 mm Core Liquid Light Guide, 8' (2.4 m) Length	7 mm