

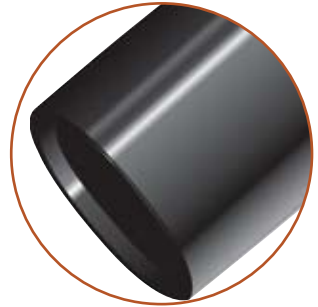
ADJUSTABLE COLLIMATING ADAPTOR

OPTICAL ACCESSORY



EQUAL DISTRIBUTION OF POWER

- Provides a uniform spot from 1" up to 6"
- Available for 3mm, 5mm and 8mm Light Guides
- Includes a collimating lens and a Light Guide holder



OmniCure® ADJUSTABLE COLLIMATING ADAPTOR

THE OMNICURE® ADVANTAGE IN SPOT CURING SYSTEMS

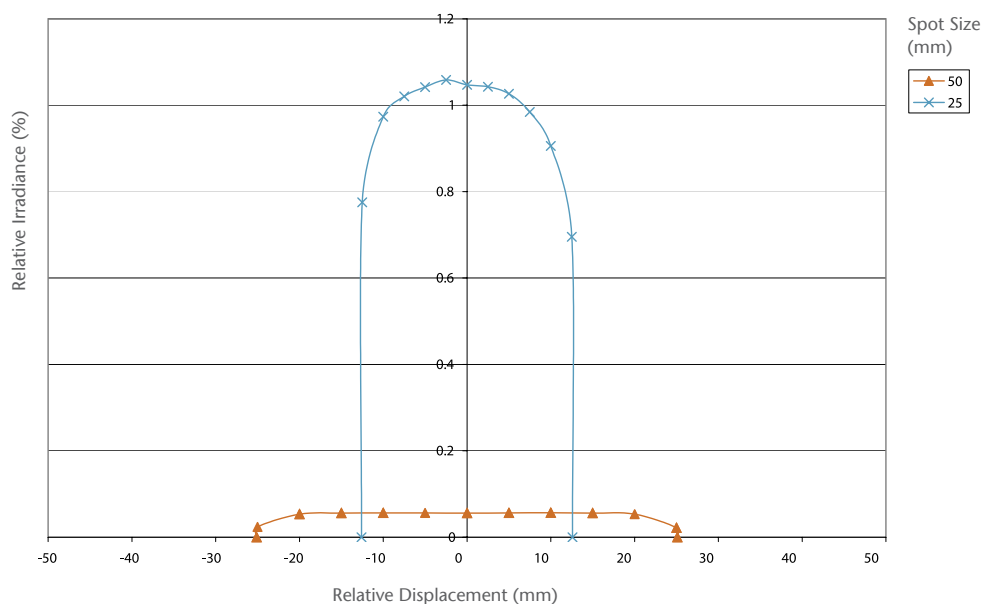
OmniCure's Adjustable Collimating Adaptors couple to standard OmniCure Light Guides. They are available in three sizes: 3mm, 5mm, and 8mm. The Adjustable Collimating Adaptor comes equipped with a collimating lens and light guide holder specific for the light guide size.

UNIFORMITY OF SPOT SIZES FROM VARIOUS LIGHT GUIDES

► **fig. 1**

3mm Liquid Light Guide with Adjustable Collimating Adaptor: Beam Profiles

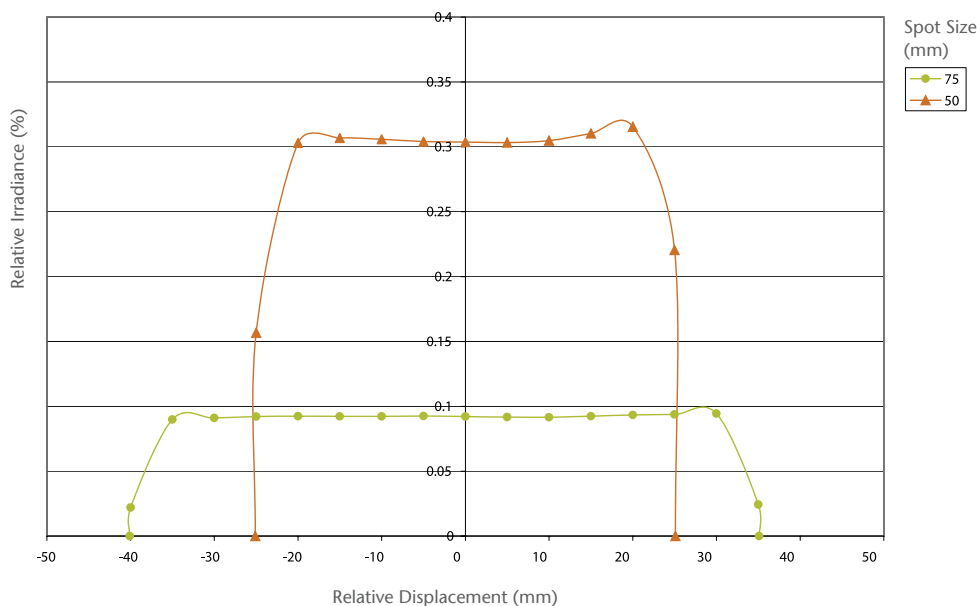
3mm LLG with Adjustable Collimating Adaptor		
Spot Size (mm)	Distance Away (cm)	Irradiance mW/cm ²
50	38.20	7.22
25	19.40	135.00



► **fig. 2**

5mm Liquid Light Guide with Adjustable Collimating Adaptor: Beam Profiles

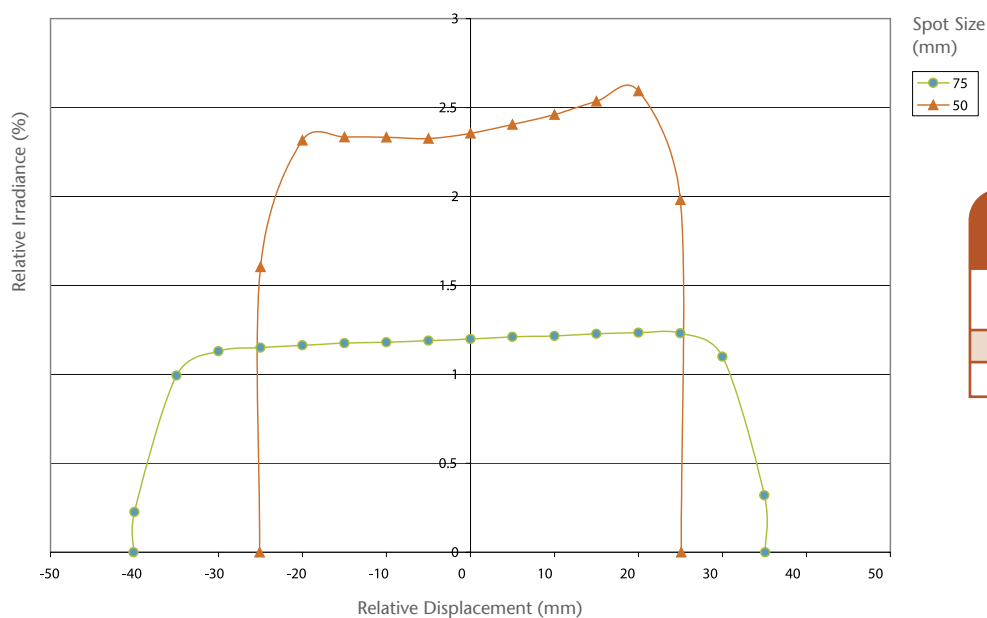
5mm LLG with Adjustable Collimating Adaptor		
Spot Size (mm)	Distance Away (cm)	Irradiance mW/cm ²
75	57.02	10.02
50	22.10	70.00





► fig. 3

8mm Liquid Light Guide with Adjustable Collimating Adaptor: Beam Profiles

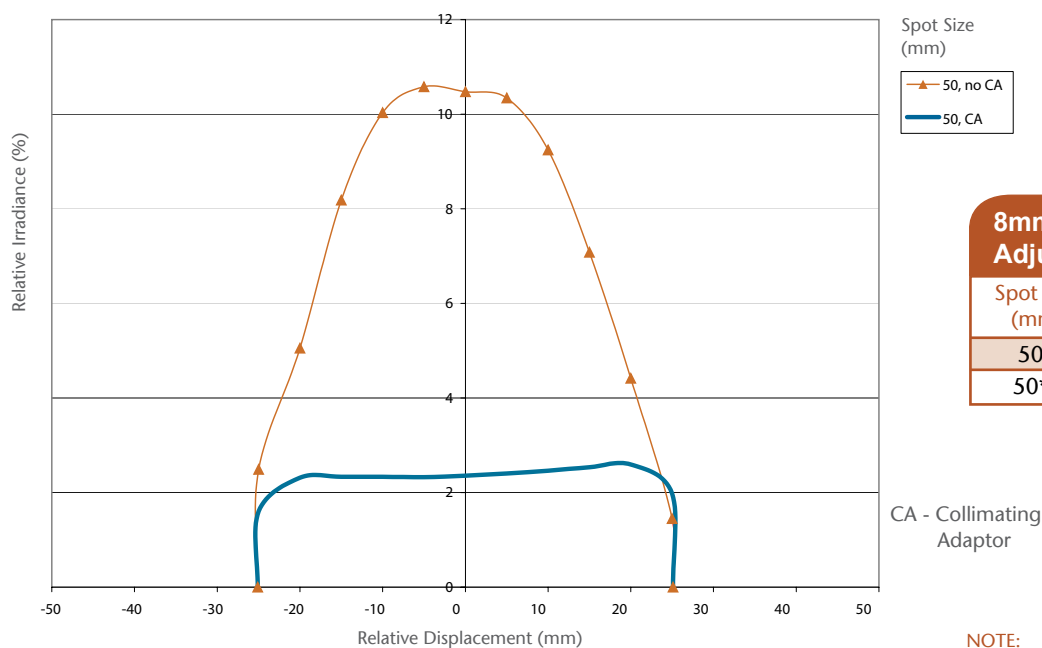


8mm LLG with Adjustable Collimating Adaptor

Spot Size (mm)	Distance Away (cm)	Irradiance mW/cm ²
75	18.80	74.50
50	14.70	184.00

► fig. 4

8mm Liquid Light Guide with / without Adjustable Collimating Adaptor: Beam Profiles



8mm LLG with / without Adjustable Collimating Adaptor

Spot Size (mm)	Distance Away (cm)	Irradiance mW/cm ²
50*	3.50*	707.00*
50**	14.70**	184.00**

* without CA
** with CA

NOTE:

All measurements were taken with an OmniCure® R2000 Cure Site Radiometer

APPLICATIONS

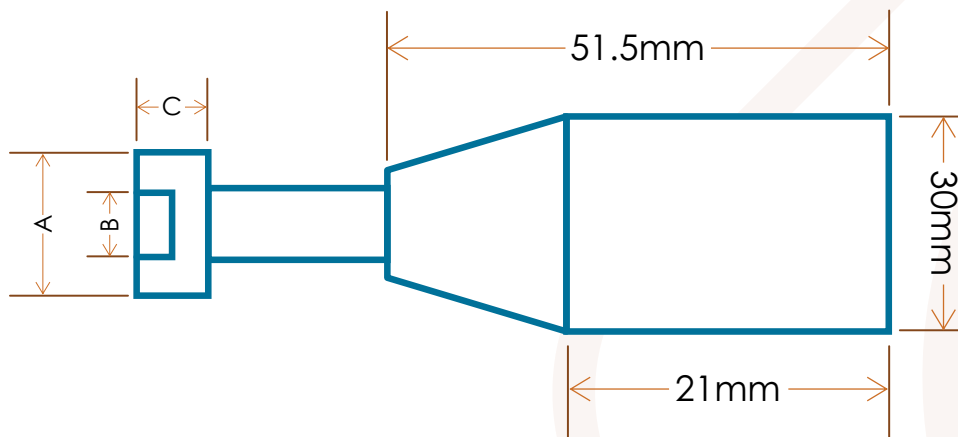
This optical accessory is ideal for any application that requires a uniform spot from 1" to 6" (2.54 to 15.2 cm) such as:

- Photolithography
- Semi-conductors
- Large area curing

SPECIFICATIONS

		A.	B.	C.
3mm	mm	17.78	9.25	12.70
	inches	0.70	0.36	0.50
5mm	mm	17.78	10.21	12.70
	inches	0.70	0.40	0.50
8mm	mm	21.59	14.99	13.79
	inches	0.85	0.59	0.54

ADJUSTABLE COLLIMATING ADAPTOR DIMENSIONS:



PLEASE NOTE:

All dimensions are shown in inches and millimeters. Dimensions relate to standard EXFO Adjustable Collimating Adaptors and are for the purpose of providing fixturing and clearance details. Customized solutions are available upon request.



EXFO Photonic Solutions Inc. is certified under the ISO 9000 Quality Management System. Our global customers can trust that EXFO strives to be the best possible supplier in all aspects of our business.

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