

# Prizmatix

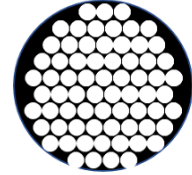
## Liquid Light-guide

### Light Delivery System for Microscopy Applications

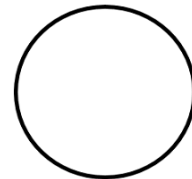
Ver. 3.1

#### Introduction

The liquid light-guide is a flexible tube with a liquid core that is used as an alternative to a light guide made of thin silica or glass fiber bundle and provides excellent light transmission. The liquid light-guides are highly flexible and do not break. The liquid light-guide has the cross-section of a pipe, thus has no packing losses like a fiber based light guides, which have spaces between the thin fibers where no light goes through.



Fiber bundle light-guide

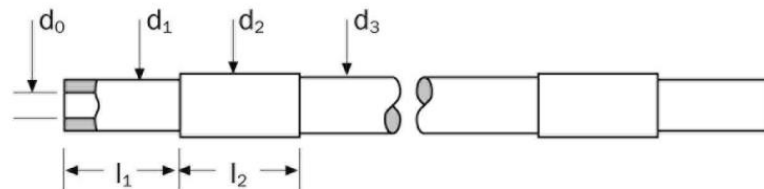


Liquid light-guide

#### Specifications

Description	P/N
Liquid Light Guide Core 3 mm, Numerical aperture (NA): 0.6, Length 1.5m	LLG-3
Liquid Light Guide Core 5 mm, Numerical aperture (NA): 0.6, Length 1.5m	LLG-5

#### Dimensions



P/N	Active Core $\varnothing$	End Fittings				Protective Sleeve	Min. Bending Radius [mm]
	$d_0$ [mm]	$d_1$ [mm]	$l_1$ [mm]	$d_2$ [mm]	$l_2$ [mm]	$d_3$ [mm]	
LLG-3	3	5	20	9	24	7	40
LLG-5	5	7	20	10	24	9.5	60

#### Main Office

Phone: +972-72-2500097  
 Fax: +972-72-2500096  
 sales@prizmatix.com

#### European Sales Office

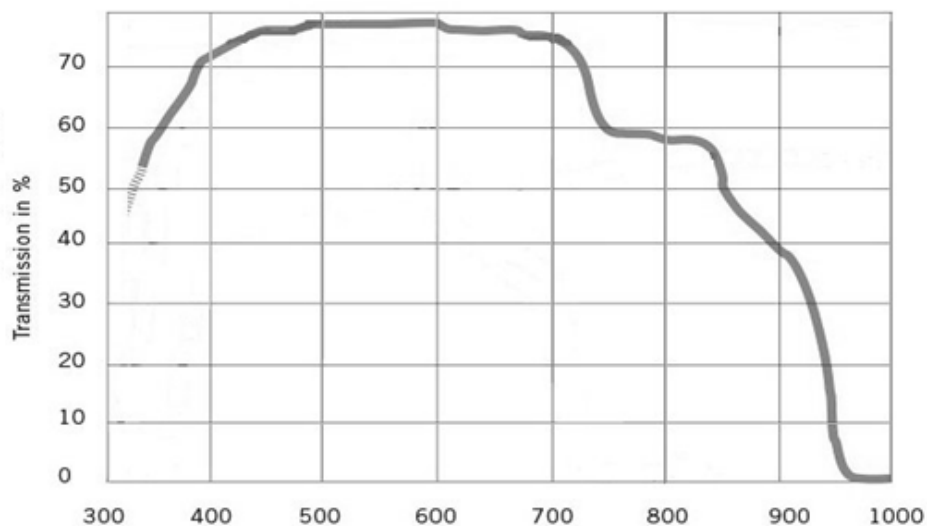
Phone: +44-(0)77-9172-9592  
 Fax: +44-(0)20-7681-2977  
 sales.europe@prizmatix.com

#### North America Sales Office

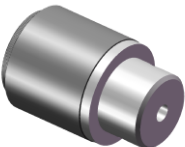
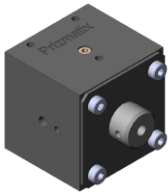
Phone: +1-(248)-436-8085  
 Fax: +1-(248)-281-5236  
 sales.usa@prizmatix.com

# Prizmatix

## Spectral Transmission



## Accessories

Picture	Description	P/N
	Liquid Light Guide Collimator. 1 inch output. No XY adjust	LLG-ACX  (X = 3 / 5)
	XYZ adjustable Collimator for Liquid Light-guide. To be used at epi-fluorescence port of microscope. Please specify X=3 or 5 for 3mm or 5mm core light-guide. Please specify N for Nikon / O for Olympus / Z for Zeiss / L for Leica microscope type	LLG-CX-Type  (X = 3 / 5) (Type = N / O / Z / L) Example: LLG-C5-N

### Main Office

Phone: +972-72-2500097  
 Fax: +972-72-2500096  
 sales@prizmatix.com

### European Sales Office

Phone: +44-(0)77-9172-9592  
 Fax: +44-(0)20-7681-2977  
 sales.europe@prizmatix.com

### North America Sales Office

Phone: +1-(248)-436-8085  
 Fax: +1-(248)-281-5236  
 sales.usa@prizmatix.com

P.O.B. 244 Givat-Shmuel 5410102, Israel