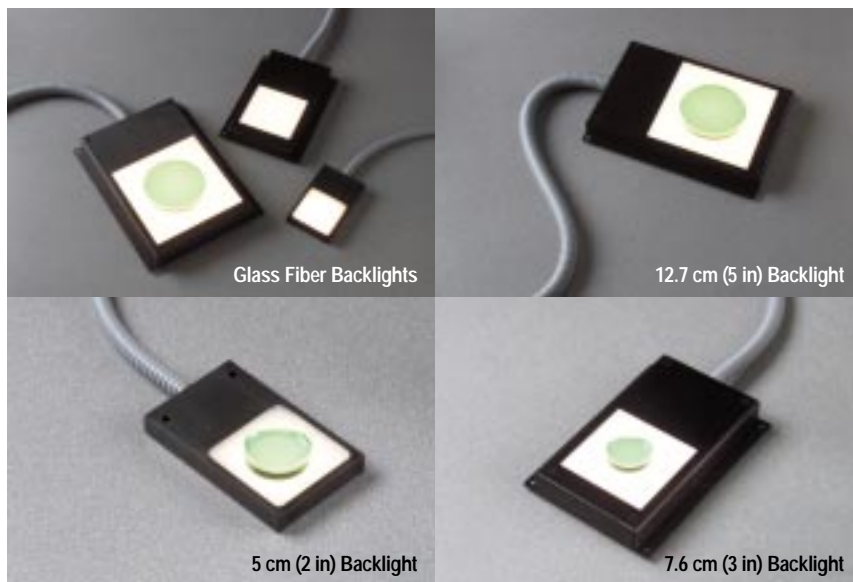


Glass Fiber Backlights and Bright/Darkfield Base



Brightfield/Darkfield Base

- Transmitted bright/darkfield illumination
- Uses standard/compact ringlight illumination
- Low cost alternative
- Compact design
- Adapts to all brand name microscopes

Glass Fiber Backlights

- Provide homogeneous, diffuse backlight illumination
- Highly uniform
- Used in the image processing, brightfield illumination on stereo microscopes, pattern recognition of different transparencies, area recognition of different colors, side illumination, dimensional gauging, shape verification, etc.

Glass Fiber Backlights provide homogeneous, diffuse illumination. Glass fiber used is extremely durable and heat tolerant. Can be adapted to most brand microscope bases.

Available in three sizes: 5 x 5 cm (2 x 2 in), 7.6 x 7.6 cm (3 x 3 in), and 12.7 x 12.7 cm (5 x 5 in).

This is a low-cost, intense, contrast-rich transmitted light Bright/Darkfield Base used with the Standard or Compact Fiber Optic Ringlights. It provides transmitted bright/darkfield illumination. Easily accessible knob allows quick and easy change between brightfield and darkfield. Adapts to all brand name microscopes.

Specifications

Product	2 in Backlight	3 in Backlight	5 in Backlight
Homogeneous Illumination Field	5 x 5 cm (2 x 2 in)	7.6 x 7.6 cm (3 x 3 in)	12.7 x 12.7 cm (5 x 5 in)
Dimensions, H x W x D	1.3 x 10.2 x 6.4 cm (0.5 x 4.0 x 2.5 in)	2.3 x 17.2 x 12.1 cm (0.9 x 6.75 x 4.75 in)	2.3 x 22.2 x 17.2 cm (0.9 x 8.75 x 6.75 in)
Uniformity	±10%	±10%	±10%
Fixing Holes (4 each) Diameter	6.3 mm (0.25 in)	6.3 mm (0.25 in)	6.3 mm (0.25 in)
Flexible Light Guide (Met/PVC)	91.4 cm (36 in)	91.4 cm (36 in)	91.4 cm (36 in)
Light Source Adapter	Intralux Series	Intralux Series	Intralux Series

Catalog No.	Product
CGS 8236.78	Bright/Darkfield Base
CGS 8237.78	Plate to Base, 30 x 20 cm (11.8 x 7.9 in)
CGS 8238.78	Polarizer to Base
CGS 8239.78	Diaphragm to Objective, 0.5/0.63X
CGS 8240.78	Diaphragm to Objective, 1.5/2.0X

Catalog No.	Product
CGS 8233.78	Glass Fiber Backlight, 5 x 5 cm (2 x 2 in)
CGS 8234.78	Glass Fiber Backlight, 7.6 x 7.6 cm (3 x 3 in)
CGS 8235.78	Glass Fiber Backlight, 12.7 x 12.7 cm (5 x 5 in)