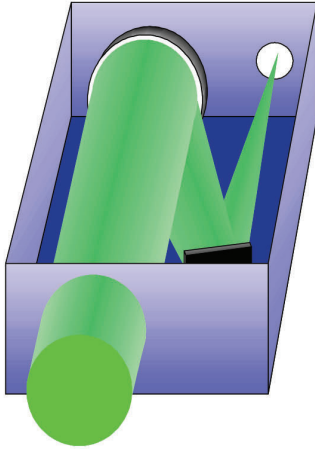
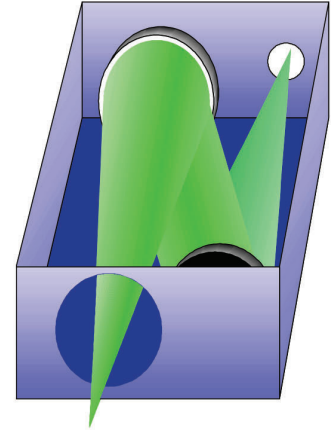


OL SERIES 750-10

All-mirror Optics Module



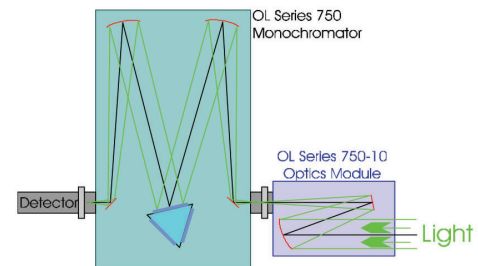
THE OL SERIES 750-10 ALL-MIRROR OPTICS MODULES INTERFACE WITH THE OL SERIES 750 MONOCHROMATORS, MATCHING INPUT OR EXIT BEAM PROFILES TO A WIDE RANGE OF APPLICATIONS.



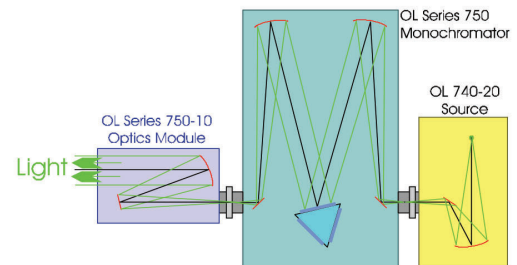
Design Features



- Available in collimating (OL 750-10C), imaging (OL 750-10 and OL 750-10SF) and transmittance/reflectance (OL 750-10TR) versions
- Efficient optical match to OL Series 750 monochromator systems
- Consistent performance over the entire 200 nm to 30 μ m wavelength range
- Many of the problems associated with lens-based systems are eliminated
- Controllable collimation or image size
- Large diameter, highly uniform collimated beam profile
- Optional fiber coupling for hard-to-reach areas or added flexibility



OL 750-10 module as input accessory



OL 750-10 module as exit accessory

OL 750-10C COLLIMATING MODULE	
Typical Applications	Characterizing the spectral response of small or non-uniform detectors; detector irradiance response; characterizing spectral response and uniformity of CCD, CID and other array detectors; specular reflectance or regular transmittance, measurements of radiant or luminous intensity.
Beam Size	up to 2" (50.8 mm)
Collimation	1 Milliradian to 10 Milliradian
Uniformity*	±0.2% Over Central 10mm Diameter ±0.5% Over Central 20 mm Diameter ±1% Over Central 30 mm Diameter ±2% Over Central 50 mm Diameter
* = At 250 mm Working Distance, 10 Milliradian Collimation	

OL 750-10SF IMAGING MODULE	
Typical Applications:	Characterizing the spectral power response of uniform detectors; characterizing detector uniformity; regular transmittance of small areas., measurements of radiance or luminance.
Image Size	0.5 mm to 5 mm
Magnification	1:1
Working Distance (To Housing)	0.7" (17.8 mm)

OL 750-10 IMAGING MODULE	
Typical Applications:	Characterizing the spectral power response of uniform detectors; characterizing large detector uniformity; specular reflectance or regular transmittance of small areas, measurements of radiance or luminance, other applications where a long working distance is more important than small image quality.
Image Size	1.5 mm to 5 mm
Magnification	1:1
Working Distance (To Housing)	8.75" (222 mm)

OL 750-10TR TRANSMITTANCE/REFLECTANCE MODULE	
Typical Applications:	Fixed angle specular reflectance of flat samples or variable angle regular transmittance. Sample holders and fixtures are included.
Sample Size (Reflectance or Transmittance)	2" x 2" x 0.25" (50.8 mm x 50.8 mm x 6.3 mm)
Reflectance Incident Angle	9.75°
Transmittance Incident Angle	0 to 10°

OPTRONIC[®]
LABORATORIES

Data sheet: B140 Dec 2020 | Rev A

As part of our policy of continuous product improvement, we reserve the right to change specifications at any time.