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8° Viewing Angle, 540nm Compact Laser Driven Light Sources



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1

+

£452⁰⁰

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Volume Pricing	
Qty 1-4	£452.00 each
Qty 5-9	£406.80 each
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Product Downloads

General	
Operating Lifetime (hours):	14000 (L90)
Model Number:	MonaLIGHT B01 540nm
Geometry:	Spot Light

Physical & Mechanical Properties	
12.00	Diameter (mm):
18.0	Weight (g):
Optical Properties	
Yellow	Color:
540	Wavelength (nm):
900 - 1100	Luminous Flux (Lumens):
8°	Viewing Angle (FWHM):
up to 6000 cd	Peak Intensity:
34°	Beam Angle (FWTM):
Electrical	
12.9	Power Consumption (W):
2.3 W (Maximum)	Output Power (W):
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Compact With Luminous Flux up to 1300 Lumens (lm)
- 515 – 555nm Wavelength Options Available
- Long Bulb Lifetime of 14,000 Hours

Crytur MonaLIGHT Compact Laser Driven Light Sources are compact and versatile noncoherent light sources designed for modular integration into scientific or industrial applications. These light sources modules offer service lifetimes up to 14,000 hours and are available in three configurations; A01, B01, and F01. The MonaLIGHT A01 series feature asymmetric light output, a viewing angle of 38°, a luminous flux of 1000 – 1300 lm, wavelengths of 515, 535, 540, or 555nm and are ideal for applications requiring slit illumination. The MonaLIGHT B01 series are designed to provide a high output symmetrical beam, a viewing angle of 8°, a luminous flux of 900 – 1100 lm, in wavelengths of either 515nm or 540nm, and are ideal for integration into systems where customized light guides are required. The MonaLIGHT F01 series are ideal for direct fiber coupling and optical microscopy applications in which a low etendue is desirable, and offer a viewing angle of 5°, a luminous flux of 550 lm, and in wavelengths of either 515nm or 540nm. Crytur MonaLIGHT Compact Laser Driven Light Sources are designed for simple integration, with S-Mount (M12 x 0.5) threading on the housing, and bare lead connections for flexible power delivery. Typical applications for these light sources include; scientific research, biotech instrumentation, fluorescence microscopy, high-speed machine vision, endoscopy, and sensorics.

Note: Requires a power supply compatible with bare leads electronics