



Single Emitters

D-Series

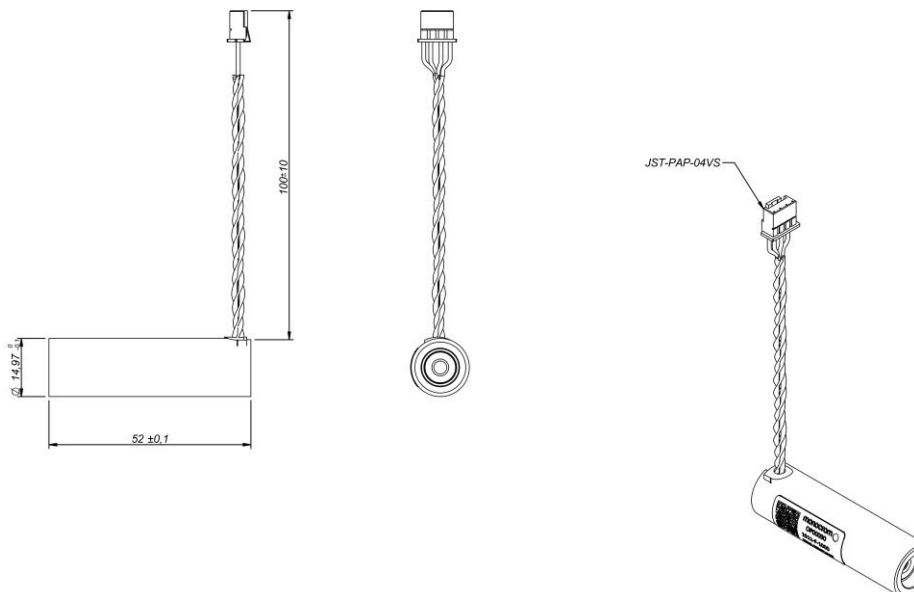
Features:

- Uniform line
- Low bore-sight
- Plane width adjusted to working range
- Trigger input
- No line bowing
- Large deep of field

Suitable for:

- Analytical Instruments
- Measuring instruments
- Imaging

Outline D-Series



D-SERIES

Product specification are subject to change without notice.
For complete details, please contact your local MONOCROM sales representative.

UNE EN ISO 9001:2015

MONOCROM S.L.

C/Vilanoveta 6
08800 Vilanova i la Geltrú (Barcelona)
Spain
T. +34 938 149 450
F. +34 938 143 767
E. sales@monocrom.com
www.monocrom.com

D-SeriesI TECH Specifications

Laser Source	Minimum	Operation	Max. rating
Centre Wavelength @ 25°C	635	637	640
Po.typ. [mW]	135	140	145
Operation mode	CW & Switched		
Trigger input	TTL (ON from 3,5VDC)/100Hz/10% DC		
I _{op} @ max.Po [mA]	205	261	320
Feeding voltage [V]	4,9	5	5,2
Optical parameters			
Bore sight	<1 mrd		
Working distance range [mm]	150	300	450
Rise/Fall time [µs]	4,5/6,9		
Gaussian profile dimension	Centered on line whidth		
Housing			
Storage temperature [°C]	-20	25	70
Operating temperature [°C]	15	25	45
Laser product class	3B, according with EN-60825 classification, duly identified by labels		
Full fan angle [°]	43	45	47

Specifications at 25°C if not specified

D-SERIES

Product specification are subject to change without notice.
For complete details, please contact your local MONOCROM sales representative.

UNE EN ISO 9001:2015

MONOCROM S.L.

C/Vilanoveta 6
08800 Vilanova i la Geltrú (Barcelona)
Spain
T. +34 938 149 450
F. +34 938 143 767
E. sales@monocrom.com
www.monocrom.com