

Line Laser Beam Shaper

FluxL series



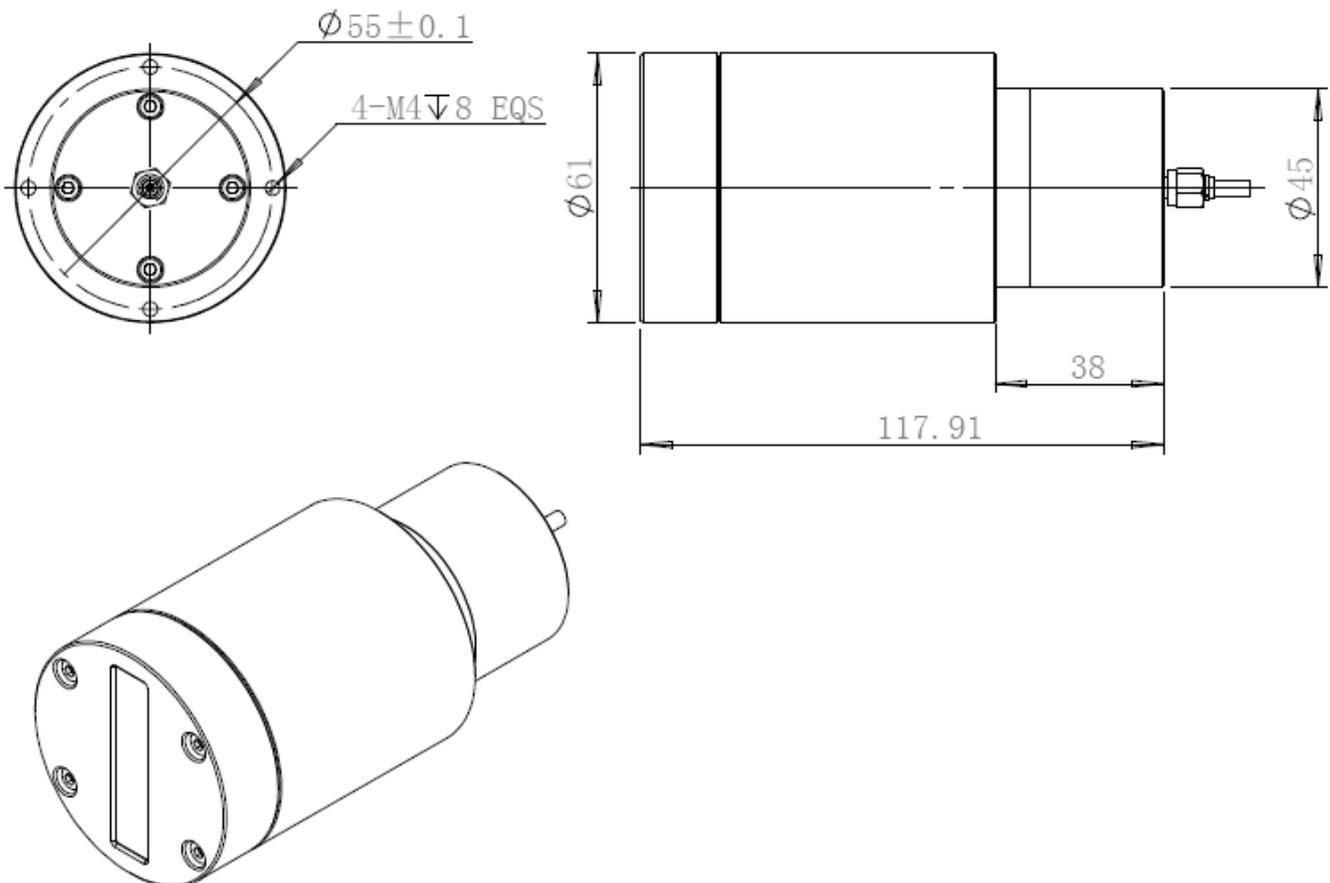
Features

- High uniformity
- Large divergence angle
- High stability
- Maintenance free

Applications

- Machine vision illumination

Product Dimensions (mm)



Remark: The structure drawing is for reference only. Please feel free to contact us for any special requirements.

Product Specifications

Product Code	FLX000005	FLX000006	FLX000004
Part No. ¹	FL-FluxL75-W10D1500	FL-FluxL90-W10D1500	FL-FluxL110-W10D1500

General Data	Unit	Value		
Divergence Angle (flat-top area)	°	≥ 75	≥ 90	≥ 110
Wavelength ²	nm	790 - 950	790 - 950	778 - 838
Line Width	mm	10 ± 2	10 ± 2	10 ± 2
Line Uniformity (line length direction)	%	≥ 85	≥ 85	≥ 85
Working Distance	m	1 ~ 3	1 ~ 3	1 ~ 3
Fiber Connector	/	SMA905	SMA905	SMA905
Fiber Parameter ³	/	200/400µm - NA0.22	200/400µm - NA0.22	200/400µm - NA0.22

Packaging parameters				
Beam Shaper Module (dx l)	mm	Φ61 × 124	Φ61 × 124	Φ61 × 124
Weight	kg	≤ 0.6	≤ 0.6	≤ 0.6

Thermal Data				
Operating Temperature range	°C	-40 ~ 70	-40 ~ 70	-40 ~ 70
Storage Temperature range	°C	-45 ~ 85	-45 ~ 85	-45 ~ 85

¹Part No. = Brand Code - Series & Divergence Angle - Line Width & Working Distance

²Please use it in the specified wavelength range, otherwise the optical efficiency will decline.

³Please use the specified fiber core diameter, otherwise the spot uniformity will be reduced.

