

SA series lenses

LS-SA series · Machine vision lenses · 6 models

0, 4/3", 10MP Lens, C-Mount. High resolution and excellent image uniformity. F2.0, maximum format of 4/3".

Features

- High resolution and excellent image uniformity.
- F2.0, maximum format of 4/3".
- Low distortion to improve measurement accuracy.
- High peripheral brightness ratio to ensure image brightness consistency.



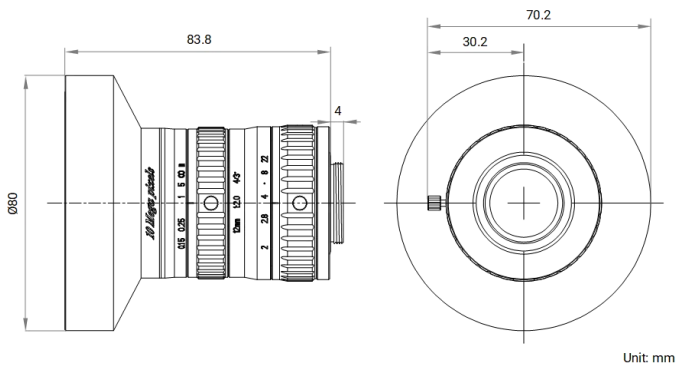
Common specifications

F-number	F2.0 to F22
Image size	Ø23 mm (4/3")
Iris control	Manual
Focus control	Manual
Mount	C-mount
Flange back length	17.526 mm
Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Certification	RoHS 2.0

Models

Model	Focal length	Optical distortion	Minimum object distance	Field of view	Filter thread	Dimension	Weight
LS-SA1220M-10MP	12 mm	-2.40%	0.15 m	D (22.6 mm): 89.0°; H (18.13 mm): 75.5°; V (13.6 mm): 61.1°	M77 × 0.75	Ø80 mm × 83.8 mm (Ø3.1" × 3.3")	445 g (1.0 lb.)
LS-SA1620M-10MP	16 mm	-2.81%	0.1 m	D (22.6 mm): 72.9°; H (18.13 mm): 60.9°; V (13.6 mm): 47.3°	M58 × 0.75	Ø60 mm × 85.9 mm (Ø 2.4" × 3.4")	340 g (0.8 lb.)
LS-SA2520M-10MP	25 mm	-0.66%	0.15 m	D (22.6 mm): 36.6°; H (18.13 mm): 29.6°; V (13.6 mm): 22.4°	M40.5 × 0.75	Ø48 mm × 82.7 mm (Ø1.9" × 3.3")	250 g (0.6 lb.)
LS-SA3520M-10MP	35 mm	-0.56%	0.2 m	D (22.6 mm): 36.6°; H (18.13 mm): 29.6°; V (13.6 mm): 22.4°	M40.5 × 0.75	Ø44.6 mm × 66 mm (Ø1.8" × 2.6")	171 g (0.4 lb.)
LS-SA5020M-10MP	50 mm	-0.14%	0.3 m	D (22.6 mm): 25.9°; H (18.13 mm): 20.9°; V (13.6 mm): 15.7°	M40.5 × 0.5	Ø44.6 mm × 67.8 mm (Ø1.8" × 2.7")	165 g (0.4 lb.)
LS-SA8520M-10MP	85 mm	-0.04%	1.2 m	D (22.6 mm): 15.4°; H (18.13 mm): 12.1°; V (13.6 mm): 9.3°	M77 × 0.75	Ø80 mm × 111.7 mm (Ø3.1" × 4.4")	666 g (1.5 lb.)

Performance



Product views

