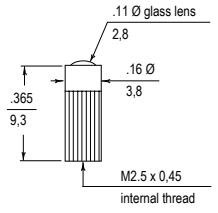
Lenses

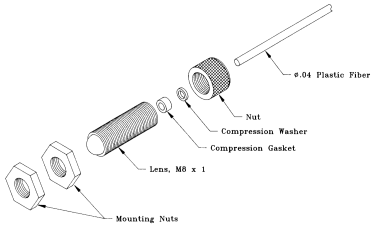
L2

- Opposed fiber lens for range extension, qty 1
- Accepts M2.5 & M2.6 threaded fibers
- Glass
- Used with the D12 Series Fiber Optic Sensors
- Model L2-2 includes 2 lenses



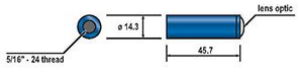
L08FP

- Opposed fiber lens for range extension
- Accepts 2.2 mm outer diameter fiber jacket
- M8 x 1.0 threaded acrylic lens
- Used with the D12 Series Fiber Optic Sensors



L9

- 3.18 mm core diameter
- 19 mm bend radius
- 12.5 mm lens, 12.5 mm focal length
- 5/16-24 UNF thread
- Aluminum housing
- Suitable for all but highly corrosive environments



L9M8

- 12.5 mm lens
- For long-range or retroreflective sensing
- M8 x 1 threading
- Aluminum housing

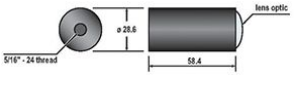
L9SS

- 12.5 mm lens
- For long-range or retroreflective sensing
- 5/16-24 UNF thread
- Stainless steel housing



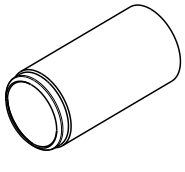
L16F

- 3.18 mm core diameter
- 19 mm bend radius
- 25 mm lens, 44 mm focal length
- 5/16-24 UNF thread
- Delrin housing
- Maximum operating temperature is 100 °C (212 °F)
- Used with MULTI-BEAM, MAXI-BEAM, and VALU-BEAM sensors



L16FM8

- 3.18 mm core diameter
- 19 mm bend radius
- 25 mm lens, 44 mm focal length
- M8 x 1 threading
- Delrin housing
- Maximum operating temperature is 100 °C (212 °F)
- Used with MULTI-BEAM, MAXI-BEAM, and VALU-BEAM sensors



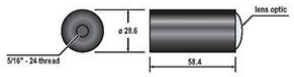
Original Instructions
05-Oct-26

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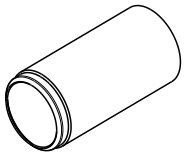
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p/n: b_51965440 Rev. B

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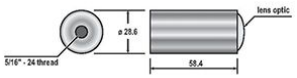
L16FAL
- 3.18 mm core diameter
- 19 mm bend radius
- 25 mm lens, 44 mm focal length
- 5/16-24 threading
- Aluminum housing
- Suitable for all but highly corrosive environments
- Used with MULTI-BEAM, MAXI-BEAM, and VALU-BEAM sensors
- CAD Files: PDF, DXF, IGS, STP



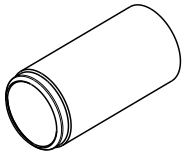
L16FALM8
- 3.18 mm core diameter
- 19 mm bend radius
- 25 mm lens, 44 mm focal length
- M8 x 1 threading
- Aluminum housing
- Suitable for all but highly corrosive environments



L16FSS
- 3.18 mm core diameter
- 19 mm bend radius
- 25 mm lens, 44 mm focal length
- 5/16-24 UNF thread
- Stainless steel housing
- Suitable for all environments
- Used with MULTI-BEAM, MAXI-BEAM, and VALU-BEAM sensors



L16FSSM8
- 3.18 mm core diameter
- 19 mm bend radius
- 25 mm lens, 44 mm focal length
- M8 x 1 threading
- Stainless steel housing
- Suitable for all environments



VE Series Smart Camera Lenses

Additional models are available. See www.bannerengineering.com.

C-Mount Megapixel Lens Focal Length—For use with WVGA, 1.3MP, or 2MP models

Focal Length	Model	Brand	Compatible with Unsealed Ring Light	Compatible with Sealed Ring Light	Compatible with 60 mm Sealed Lens Cover	Compatible with 85 mm Sealed Lens Cover
5 mm	LCF05LCMP[1] (1)	Computar	No	Yes	Yes	No
6 mm	LCF06LEVMP (1)	Evetar	Yes, with setscrews removed	Yes	Yes	No
8 mm	LCF08LMP	Computar	Yes, with LHWK-1	Yes	Yes	No
	LCF08LEVMP	Evetar	Yes, with setscrews removed	Yes	Yes	No
12 mm	LCF12LMP	Computar	Yes, with LHWK-1	Yes	Yes	No
	LCF12LEVMP (1)	Evetar	Yes, with setscrews removed	Yes	Yes	No
16 mm	LCF16LCMP	Computar	Yes, with LHWK-1	Yes	Yes	Yes
	LCF16LEVMP	Evetar	Yes, with setscrews removed	Yes	Yes	Yes
25 mm	LCF25LCMP	Computar	Yes, with LHWK-1	Yes	Yes	Yes
	LCF25LEVMP	Evetar	Yes, with setscrews removed	Yes	Yes	Yes
35 mm	LCF35LCMP	Computar	Yes, with LHWK-1	Yes	Yes	Yes
	LCF35LEVMP	Evetar	Yes, with setscrews removed	Yes	Yes	Yes
50 mm	LCF50LCMP	Computar	Yes, with LHWK-1	Yes	Yes	Yes
	LCF50LEVMP (1)	Evetar	Yes, with setscrews removed		No	Yes
75 mm	LCF75LCMP	Computar	Yes, with LHWK-1	No	No	Yes
	LCF75LEVMP[1]	Evetar	Yes, with setscrews removed	No	No	Yes

(1) Denotes specific lens used for 2MP WD and FOV examples.

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C-Mount Megapixel Lens Focal Length—For use with WVGA, 1.3MP, or 2MP models

Focal Length	Model	Brand	Compatible with Sealed Ring Light	Compatible with 60 mm Sealed Lens Cover	Compatible with 85 mm Sealed Lens Cover
6 mm	LCF06LK1F	Kowa	No	No	No
8 mm	LCF08LK1F	Kowa	No	No	No
12 mm	LCF12LK1F	Kowa	Yes, with LHWK-1	Yes	No
16 mm	LCF16LK1F	Kowa	Yes, with LHWK-1	Yes	Yes
25 mm	LCF25LK1F	Kowa	Yes, with LHWK-1	Yes	Yes
35 mm	LCF35LK1F	Kowa	Yes, with LHWK-1	Yes	Yes
50 mm	LCF50LK1F	Kowa	Yes, with LHWK-1	No	Yes, with LHWK-1
75 mm	LCF75LK1F	Kowa	Yes, with LHWK-1	No	Yes, with LHWK-1

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