

Cobra Series Liquid Lenses

#OPT-COB0840-LQL E.F.L.= 8 mm F4.0

● Specifications

Effective Focal Length (mm)		8
Sensor ø(mm)		9 (1/1.8")
F NO.		F4.0
FOV Angle	Diagonal (9 mm)	58.72°
	Horizontal (7.2 mm)	48.46°
	Vertical (5.4 mm)	37.30°
Wavelength Range (nm)		435~656
Relative Illumination		>85%
Working Distance (mm)		100~∞
Working Distance without current (mm)		300
Distortion (at WD 300)		<0.45%
Max. Chief Ray Angle		<5°
Flange Focal Distance (mm)		17.526
Back Focal Length (mm)		12.60
Mount		C-Mount
Connector Type		FPC(2 pins)
Size (mm)		L33.24×W29.00×H44.80
Total Track Length (Liquid Lens included) (mm)		50.766
Focus Tunable Lens Specifications		EL-3-10-VIS-26D-FPC
Focal Power Range at 20°C (dpt)		-13~+13
Wavefront Error at 525 nm (vertical/horizontal) (λRMS)		<0.2 / <0.2
Working Temperature		-20°C~+65°C
Storage Temperature		-50°C~+85°C
Temperature Compensation		No

● Mechanical drawings

