

iQ Lenses

for iQ (Pro)
350, 500 and
210 series

QVD (0.85:1)

including rear screen
optimization on iQ



QVD (1.3-1.8:1)



QVD (1.9-2.6:1)



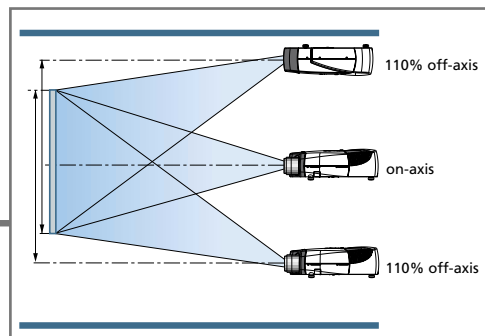
QVD (3.0-6.0:1)



QVD (7.0:1)



Order n°	Ropt1925	R9840950	R9840960	R9840970	R9841230
Net Weight	2.0 kg / 4.41 lb	2.5 kg / 5.51 lb	2.3 kg / 5.07 lb	2.5 kg / 5.51 lb	2.4 kg / 5.29 lb
Lens Length	166 mm / 6.54"	218.5 mm / 8.58"	206.5 mm / 8.13"	238.5 mm / 9.39"	150 mm / 5.90"
Max. Lens Diameter	123.6 mm / 4.84"	148 mm / 5.83"	148 mm / 5.83"	148 mm / 5.83"	115 mm / 4.53"
Front Lens Diameter	123.6 mm / 4.84"	115 mm / 4.53"	95 mm / 3.74"	98 mm / 3.86"	110 mm / 4.33"
Rear Lens Diameter	84 mm / 3.31"	83 mm / 3.27"	83 mm / 3.27"	83 mm / 3.27"	82 mm / 3.23"
Motorized Zoom and Focus	No	Yes	Yes	Yes	No
Max. Optical Distortion	-1.7% < D < +0.4%	-1% < D < 0%	-1% < D < 0%	-1.5% < D < +0.5%	-0.04% < D < 0%
F# Wide Angle	2.5	1.94	1.72	1.72	1.8
F# Telephoto		2.34	2.03	2.62	
Relative Light Output					
Wide Angle	87.2%	96.8%	99.6%	100%	107.5%
Telephoto		89.6%	94.9%	79.1%	
Max. Vertical Lens Shift	On axis operation only	-30% +110%	-30% +110%	-30% +110%	-30% +110%
Lens Formulas					
PD (m)	-0.034 + 0.801xSW + 0.0086/SW				0.013 + 6.35xSW + 0.005/SW
PD (inch)	-1.34 + 0.801xSW + 13.35/SW				0.51 + 6.35xSW + 8.35/SW
Wide Angle: PD (m)		0.019 + 1.216xSW + 0.028/SW	0.052 + 1.731xSW - 0.014/SW	0.048 + 2.795xSW - 0.042/SW	
PD (inch)		0.75 + 1.216xSW + 43.4/SW	2.05 + 1.731xSW - 21.7/SW	1.89 + 2.795xSW - 65/SW	
Telephoto: PD (m)		-0.001 + 1.584xSW + 0.074/SW	0.11 + 2.33xSW - 0.059/SW	0.06 + 5.6xSW - 0.041/SW	
PD (inch)		-0.04 + 1.584xSW + 115/SW	4.33 + 2.33xSW - 91.8/SW	2.36 + 5.6xSW - 63.4/SW	



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