

Recommended Exit Pupil Size

Exit Pupil Size Depends on Objective Diameter and Magnification

Objective Diameter	Magnfctn: Exit Pupil	32x	24x	20x	18x	16x	14x	12x	10x	8x	6x	4x	3x	2x
		60mm	Exit Pupil (mm) =	1.9	2.5	3.0	3.3	3.8	4.3	5.0	6.0	7.5	10.0	15.0
56mm	Exit Pupil (mm) =	1.8	2.3	2.8	3.1	3.5	4.0	4.7	5.6	7.0	9.3	14.0	18.7	28.0
50mm	Exit Pupil (mm) =	1.6	2.1	2.5	2.8	3.1	3.6	4.2	5.0	6.3	8.3	12.5	16.7	25.0
44mm	Exit Pupil (mm) =	1.4	1.8	2.2	2.4	2.8	3.1	3.7	4.4	5.5	7.3	11.0	14.7	22.0
40mm	Exit Pupil (mm) =	1.3	1.7	2.0	2.2	2.6	2.9	3.3	4.0	5.0	6.7	10.0	13.3	20.0
36mm	Exit Pupil (mm) =	1.1	1.5	1.8	2.0	2.3	2.6	3.0	3.6	4.5	6.0	9.0	12.0	18.0
32mm	Exit Pupil (mm) =	1.0	1.3	1.6	1.8	2.0	2.3	2.7	3.2	4.0	5.3	8.0	10.7	16.0
28mm	Exit Pupil (mm) =	0.9	1.2	1.4	1.6	1.8	2.0	2.3	2.8	3.5	4.7	7.0	9.3	14.0
Exit Pupil Recommendation:		very small [red]			marginal [orange]			recommended [green]						