

(NAOTECH) TOF Lens Table * Based on Horizontal angle

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H.FOV	Sensor	▶1/2" (D8.00/H6.40/V4.80)	▶1/2.7" (D6.72/H5.376/V4.032)	▶1/2.9" (D6.251/H6.018/V1.693)	▶1/3" (D6.00/H4.80/V3.60)	▶1/3" (D5.60/H4.48/V3.36)	▶1/4" (D4.48/H3.58/V2.67)	▶1/4.5" (D4.00/H3.20/V2.40)	▶1/4.5" (D3.954/H3.136/V2.408)	▶1/5.3" (D3.42/H3.20/V1.20)	▶1/6" (D3.00/H2.40/V1.80)	▶1/8" (D2.21/H1.50/V1.50)
		MLX75027 (Melexis) QVGA IMX456 / IMX556 (SONY) VGA epc660 (Espros) QVGA	BT008D (BROOKMAN) QVGA	IMX459 (SONY)	MLX75023 (Melexis) QVGA MLX75024 (Melexis) QVGA OPT8241 (TI) QVGA OPN8008 (OPNOUS) QVGA	BT032D (BROOKMAN) VGA	MN34906 (Panasonic) VGA	MLX75026 (Melexis) QVGA / IMX570 (SONY) VGA	IRS2381C (Infineon)	epc635 (Espros) QQVGA	OPT8320 (TI)	OPN8001 (OPNOUS) QQVGA
10°												NL7354GMF : 11.7° NL5304GMF : 16.2° NL493DF : 17.2°
20°								NL7354GMF : 24.8°	NL7354GMF : 24.3°	NL7354GMF : 24.8°	NL7354GMF : 18.7°	NL4604GMF : 18.7° NL4224GMF : 20.4° NL393DF : 22.0° NL3605GMF : 23.8° NL333DF : 25.9° NL3275GMF : 26.3°
30°						NL7354GMF : 27.8°		NL5304GMF : 34.5°	NL5304GMF : 33.9°	NL5304GMF : 34.5°	NL4604GMF : 29.9° NL4224GMF : 32.7° NL393DF : 27.7°	NL305GMF : 28.7° NL283DF : 31.1°
40°		NL7354GMF : 41.4°	NL7354GMF : 46.2°			NL5304GMF : 38.7°	NL493DF : 37.2° NL4604GMF : 44.8° NL4224GMF : 49.1°	NL493DF : 37.2° NL4604GMF : 39.1° NL4224GMF : 42.9° NL393DF : 47.7°	NL4604GMF : 39.1° NL493DF : 37.2° NL4224GMF : 43.7° NL393DF : 46.7°	NL4604GMF : 39.9° NL4224GMF : 43.7° NL393DF : 47.7°	DL3204PLF : 40.9° NL333DF : 41.8° NL3275GMF : 42.1° NL305GMF : 46.4°	DL3204PLF : 40.9° NL194GMF : 45.1° NL1774GMF : 49.0°
50°		CM6304GMF : 57.7°	NL5304GMF : 58.1°		NL5304GMF : 51.9°	NL493DF : 52.9° NL4604GMF : 56.1°	NL393DF : 53.6° NL3605GMF : 57.7°	NL3605GMF : 51.3° DL3204PLF : 54.3° NL333DF : 56.5° NL3275GMF : 56.5°	NL333DF : 55.2°	NL3605GMF : 51.3° DL3204PLF : 54.3° NL333DF : 56.5° NL3275GMF : 56.5°	NL283DF : 50.5°	NL144GMF : 59.8°
60°		NL5304GMF : 69.3°	NL4604GMF : 67.7°	NL5304GMF : 65.1°	NL4604GMF : 60.2° NL4224GMF : 66.3°	NL4224GMF : 61.7°	DL3204PLF : 60.7° NL3275GMF : 63.6° NL333DF : 63.8°	NL305GMF : 62.8° NL283DF : 68.8°	NL305GMF : 61.5°	NL305GMF : 62.8° NL283DF : 67.4°	NL283DF : 67.4°	
70°			NL4224GMF : 74.8°	NL4604GMF : 76.0°	NL393DF : 73.3°	NL3605GMF : 78.7° NL3605GMF : 73.1°	NL393DF : 73.3° NL3605GMF : 73.1°	NL283DF : 78.3°				NL194GMF : 72.9°
80°	NL4604GMF : 81.1°		NL4224GMF : 84.4°	NL4604GMF : 80.3° DL3204PLF : 80.3°	NL393DF : 73.3° DL3204PLF : 80.3°	DL3204PLF : 80.3° DL3204PLF : 80.3°	DL3204PLF : 80.3° DL3204PLF : 80.3°					NL1774GMF : 80.0°
90°	NL4224GMF : 90.3°	NL3605GMF : 89.3°	NL3275GMF : 98.1°	NL3275GMF : 86.6° NL333DF : 88.5°	NL3275GMF : 86.6° NL333DF : 81.6°	NL3275GMF : 86.6° NL333DF : 81.6°	NL3275GMF : 86.6° NL333DF : 81.6°		NL194GMF : 98.7°	NL194GMF : 96.5°	NL194GMF : 98.7°	NL144GMF : 99.2°
100°		DL3204PLF : 104.5°	DL3204PLF : 104.5°	DL3204PLF : 104.5°		NL283DF : 102.3°				NL1774GMF : 107.4°		
110°	NL3605GMF : 109.4°		NL3275GMF : 111.7°		NL283DF : 111.9°		NL194GMF : 111.6°	NL1774GMF : 110.0°		NL1774GMF : 110.0°		
120°	NL3275GMF : 120.3°						NL1774GMF : 125.9°					
140°	NL144GMF : 140.5°	NL144GMF : 140.5°	NL144GMF : 140.5°	NL144GMF : 140.5°	NL144GMF : 140.5°	NL144GMF : 140.5°	NL144GMF : 140.5°	NL144GMF : 140.5°	NL144GMF : 140.5°	NL144GMF : 136.8°	NL144GMF : 140.5°	
150°	NL194GMF : 152.2°	NL194GMF : 152.2°	NL194GMF : 152.2°	NL194GMF : 152.2°	NL194GMF : 152.2°	NL194GMF : 152.2°	NL194GMF : 152.2°	NL194GMF : 152.2°	NL194GMF : 152.2°	NL194GMF : 152.2°	NL194GMF : 152.2°	
160°	NL1774GMF : 165.8°	NL1774GMF : 165.8°	NL1774GMF : 165.8°	NL1774GMF : 165.8°	NL1774GMF : 165.8°	NL1774GMF : 165.8°	NL1774GMF : 165.8°	NL1774GMF : 165.8°	NL1774GMF : 165.8°	NL1774GMF : 165.8°	NL1774GMF : 165.8°	

▶ **Fisheye type**

▶ NL : Mass production / RD : Before mass production (Sample available) / CM : Design completed (Sample unavailable) / DL : Design in progress (Specifications can be changed)