

TOURMALINE

Maximum performance up to 1.3"

Key Features:

- 1.3" (24mm) max. Sensor size
- Resolution down to 2.4µ pixel size
- 8 focal lengths: 16 mm – 50 mm
- Initial aperture: F2 – F2.8
- C-Mount and TFL-Mount available
- Ruggedized version and motorized iris available
- Low chief ray angle suitable for all SONY Pregius™ generations

Typical applications:

- Machine Vision
- AOI (Automated Optical Inspection)
- 3D and 2D measurement
- Traffic and surveillance

Name	Aperture	Focal length (mm)	Mount	Sensor size	Type	Size D x L (mm x mm)	Weight (g)	Filter thread	Code	Datasheet
TOURMALINE 2.8/16 C	2.8–16	16	C	1.3" (24mm)	standard	39 x 71.1	204	M49 x 0.75 *	1084232	Download ↓
TOURMALINE 2.8/16 TFL	2.8–16	16	TFL	1.3" (24mm)	standard	39 x 71.1	204	M49 x 0.75 *	1098691	Download ↓
TOURMALINE 2.0/20 C	2.0–16	20	C	1.3" (24mm)	standard	48 x 62.9	450	M35.5 x 0.5	1056472	Download ↓
TOURMALINE 2.0/20 TFL	2.0–16	20	TFL	1.3" (24mm)	standard	48 x 62.9	450	M35.5 x 0.5	1098778	Download ↓
TOURMALINE 2.0/24 C	2.0–16	24	C	1.3" (24mm)	standard	40 x 41.5	120	M37 x 0.75	1071371	Download ↓
TOURMALINE 2.0/24 C-MI	2.0–16	24	C	1.3" (24mm)	motorized iris	50 x 41.5	164	M37 x 0.75	1076613	Download ↓
TOURMALINE 2.0/24 TFL	2.0–16	24	TFL	1.3" (24mm)	standard	40 x 41.5	120	M37 x 0.75	1098692	Download ↓
TOURMALINE 2.0/35 C	2.0–22	35	C	1.3" (24mm)	standard	41 x 55.5	160	M37 x 0.75	1006219	Download ↓
TOURMALINE 2.0/35 C-MI	2.0–22	35	C	1.3" (24mm)	motorized iris	50 x 55.5	204	M37 x 0.75	1076612	Download ↓
TOURMALINE 2.0/35 TFL	2.0–22	35	TFL	1.3" (24mm)	standard	41 x 55.5	160	M37 x 0.75	1098690	Download ↓
TOURMALINE 2.8/40 C	2.8–22	40	C	1.3" (24mm)	standard	34 x 48.3	78	M30.5 x 0.5	1101717	Download ↓
TOURMALINE 4.0/45 C	4.0–22	45	C	1.3" (24mm)	standard	34 x 51.6	78	M30.5 x 0.5	1101715	Download ↓
TOURMALINE 2.8/50 C	2.8–32	50	C	1.3" (24mm)	standard	34 x 52.6	135	M30.5 x 0.5	1001976	Download ↓
TOURMALINE 2.8/50 C-R	2.8–32	50	C	1.3" (24mm)	ruggedized	34 x 52.6	135	M30.5 x 0.5	1062882	Download ↓
TOURMALINE 2.8/50 C-MI	2.8–32	50	C	1.3" (24mm)	motorized iris	50 x 52.6	179	M30.5 x 0.5	1076168	Download ↓
TOURMALINE 2.8/50 TFL	2.8–32	50	TFL	1.3" (24mm)	standard	34 x 52.6	135	M30.5 x 0.5	1098689	Download ↓
TOURMALINE 4.0/60 C	4.0–22	60	C	1.3" (24mm)	standard	34 x 63.2	135	M30.5 x 0.5	1101716	Download ↓

*Optional filter adapter is required