



TECHNICAL SPECIFICATIONS

(Last revised April 2016)

| | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|-----|------|------|------|--------------------------|
| Focal Length (mm) | 16 | 18 | 21 | 25 | 29 | 35 | 40 | 50 | 65 | 75 | 100 | 135 |
| Aperture | T 1.4 - T22 - full close | | | | | | | | | | | T 1.4 - T16 - full close |
| Image Circle | 33 mm (diameter) | | | | | | | | | | | |
| Length | 5.6" / 142 mm | | | | | | | | | | | 7.6" / 193 mm |
| Close Focus (ft) | 1'6 | 1'6 | 1'3 | 1'3 | 1'6 | 1'6 | 1'6 | 2' | 1'6 | 2'6 | 3'3 | 4'1 |
| Close Focus (m) | 0.45 | 0.45 | 0.38 | 0.38 | 0.45 | 0.45 | 0.45 | 0.6 | 0.45 | 0.76 | 0.99 | 1.25 |
| Weight (lb) | 3.8 | 3.6 | 3.6 | 4.0 | 3.7 | 3.6 | 3.6 | 3.9 | 3.7 | 3.5 | 3.5 | 7.4 |
| Weight (kg) | 1.7 | 1.6 | 1.6 | 1.8 | 1.7 | 1.6 | 1.6 | 1.8 | 1.7 | 1.6 | 1.6 | 3.4 |

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|-----------------------------------|---|
| Lens Mount | PL - Titanium |
| Image Circle | 33mm (diameter) |
| Focus Rotation | 300° |
| Iris Rotation | 110° |
| Front Diameter | 95 mm / 3.7" (except 135 mm: 116 mm / 4.5") |
| Telecentricity | Telecentric |
| Color | Natural color balance |
| Color Balance Between Lenses | Matched color |
| Image Quality (Field) | Even image quality |
| Breathing | No breathing |
| Reflective Coatings | Extremely low reflective coatings |
| Optical Design | Multiple aspherical optical design |
| Resolution | Extremely high resolution |
| Contrast | Very high contrast |
| Relative Illumination | High corner to corner illumination |
| Chromatic Aberration | Very low chromatic aberration |
| Front Filter | Yes, 92mm screw-in |
| Rear Filter | Yes, via net holder |
| Rear Net Holder | Yes |
| Matched Focus/Iris Ring Locations | Yes (all focal lengths) |
| Matched Dimensions in Set | Yes (except 135mm) |
| Expanded Focus in Critical Range | Yes |

CW Sonderoptic GmbH was founded in 2008 to design, manufacture and market Leica-branded cine lenses for film, television and commercial production. The "CW" stands for "Cine Wetzlar", a reference to both the company's mission and legacy. It is based at Leitz Park in Wetzlar, Germany, the original hometown of Ernst Leitz and Leica Camera.