



## TECHNICAL SPECIFICATIONS

(Last revised April 2016)

Focal Length (mm)	15	18	21	25	29	35	40	50	75	100	135
Aperture	T 2.0 - T22 - full close										
Image Circle	36 mm (diameter)										
Length	4.6"/ 118 mm	4.0"/101 mm									4.6"/ 118 mm
Close Focus (ft)	1'	1'	1'	1'	1'	1'2	1'6	2'	2'7	3'3	5'
Close Focus (m)	0.3	0.3	0.3	0.3	0.3	0.36	0.45	0.6	0.8	1.0	1.5
Weight (lb)	4.1	2.9	2.9	3.4	3.0	2.9	3.0	3.2	2.7	2.7	4.1
Weight (kg)	1.8	1.3	1.3	1.5	1.3	1.3	1.3	1.5	1.2	1.2	1.8

Lens Mount	PL - Stainless Steel
Image Circle	36 mm (diameter)
Focus Rotation	300°
Iris Rotation	180°
Front Diameter	95 mm / 3.7"
Telecentricity	Telecentric
Color	Natural color balance
Color Balance Between Lenses	Matched color
Image Quality (Field)	Even image quality
Breathing	Very little breathing
Reflective Coatings	Extremely low reflective coatings
Optical Design	Classic high performance spherical design
Resolution	Extremely high resolution
Contrast	Very high contrast
Relative Illumination	High corner to corner illumination
Chromatic Aberration	Very low chromatic aberration
Front Filter	No
Rear Filter	No
Rear Net Holder	No
Matched Focus/Iris Ring Locations	Yes (all focal lengths)
Matched Dimensions in Set	Yes (except 15mm and 135mm)
Expanded Focus in Critical Range	No

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.