

		18mm				
Mount	PL	EF	MFT	E	LPL	
Focal Distance			18mm			
Optical Structure		14 Groups 17 Elements				
Image Circle	φ46.	φ46.7mm φ40.8mm φ45.6mm φ46				
Minimum Focus Distance		0.45m (17.7")				
Maximum Macro Magnification		1 : 14.37				
Focus Mode		Inter	nal Focus Sy	stem		
Aperture/Iris Blades			9 Blades			
Depth of Field			T1.5			
Filter Size			NA			
Overall Length	182mm	182mm	205mm	208mm	190mm	
(From Mount Surface)	(168mm)	(176mm)	(201mm)	(202mm)	(176mm)	
Diameter of Front Head			ф114mm			
Maximum Diameter		φ114mm (Excluding Trip	ood Collar)		
Weight (KG)	2.68	2.76	2.81	2.85	2.83	
Weight (LB)	5.91	6.08	6.19	6.28	6.24	



		21mm				
Mount	PL	EF	MFT	E	LPL	
Focal Distance			21mm			
Optical Structure		18 Groups 19 Elements				
Image Circle	φ46.					
Minimum Focus Distance		0.36m (14")				
Maximum Macro Magnification		1 : 9.38				
Focus Mode		Inter	nal Focus Sy	stem		
Aperture/Iris Blades			9 Blades			
Depth of Field			T1.5			
Filter Size		21mm				
Overall Length	162mm	162mm	185mm	187mm	170mm	
(From Mount Surface)	(148mm)	(156mm)	(181mm)	(182mm)	(156mm)	
Diameter of Front Head			φ114mm			
Maximum Diameter		φ114mm (Excluding Trip	ood Collar)		
Weight (KG)	2.33	2.41	2.46	2.5	2.48	
Weight (LB)	5.14	5.31	5.42	5.51	5.47	



	25mm					
Mount	PL	EF	MFT	E	LPL	
Focal Distance			25mm			
Optical Structure		15 Groups 16 Elements				
Image Circle	φ46.	7mm	φ40.8mm	φ45.6mm	φ46.7mm	
Minimum Focus Distance		0.35m (13.8")				
Maximum Macro Magnification		1 : 7.80				
Focus Mode		Inter	nal Focus Sy	stem		
Aperture/Iris Blades			9 Blades			
Depth of Field			T1.5			
Filter Size		1 : 7.80 Internal Focus System 9 Blades T1.5 112mm 155mm 178mm 181mm 163				
Overall Length	155mm	155mm	178mm	181mm	163mm	
(From Mount Surface)	(141mm)	(149mm)	(174mm)	(175mm)	(149mm)	
Diameter of Front Head			φ114mm			
Maximum Diameter		φ114mm (Excluding Trip	ood Collar)		
Weight (KG)	2.19	2.27	2.32	2.36	2.34	
Weight (LB)	4.83	5.00	5.11	5.20	5.16	



		29mm				
Mount	PL	EF	MFT	E	LPL	
Focal Distance			29mm			
Optical Structure		18 Groups 18 Elements				
Image Circle	φ46.	φ46.7mm				
Minimum Focus Distance		0.35m (14")				
Maximum Macro Magnification		1 : 6.73				
Focus Mode		Inter	nal Focus Sy	stem		
Aperture/Iris Blades			9 Blades			
Depth of Field			T1.5			
Filter Size			112mm			
Overall Length	165mm	165mm	188mm	190mm	173mm	
(From Mount Surface)	(151mm)	(159mm)	(184mm)	(185mm)	(159mm)	
Diameter of Front Head			φ114mm			
Maximum Diameter		φ114mm (Excluding Trip	ood Collar)		
Weight (KG)	2.25	2.33	2.38	2.42	2.4	
Weight (LB)	4.96	5.14	5.25	5.34	5.29	



			35mm			
Mount	PL	EF	MFT	E	LPL	
Focal Distance			35mm			
Optical Structure		13 Groups 14 Elements				
Image Circle	φ46.	φ46.7mm				
Minimum Focus Distance			0.41m (16")			
Maximum Macro Magnification		1 : 7.81				
Focus Mode		Inter	nal Focus Sy	stem		
Aperture/Iris Blades			9 Blades			
Depth of Field			T1.5			
Filter Size		EF MFT E 35mm 13 Groups 14 Elements 6.7mm φ40.8mm φ45.6mm φ40.41m (16") 1 : 7.81 Internal Focus System 9 Blades T1.5 112mm 145mm 168mm 171mm 15 (139mm) (164mm) (165mm) (13 φ114mm φ114mm (Excluding Tripod Collar) 2.03 2.08 2.12				
Overall Length	145mm	145mm	168mm	171mm	153mm	
(From Mount Surface)	(131mm)	(139mm)	(164mm)	(165mm)	(139mm)	
Diameter of Front Head			φ114mm			
Maximum Diameter		ф114mm (Excluding Trip	ood Collar)		
Weight (KG)	1.95	2.03	2.08	2.12	2.1	
Weight (LB)	4.30	4.48	4.59	4.67	4.63	



			40mm		
Mount	PL	EF	MFT	E	LPL
Focal Distance			40mm		
Optical Structure		14 G	roups 15 Eler	nents	
Image Circle	φ46.	φ46.7mm			
Minimum Focus Distance			0.45m (18")		
Maximum Macro Magnification		1 : 7.99 Internal Focus System			
Focus Mode		Internal Focus System			
Aperture/Iris Blades			9 Blades		
Depth of Field			T1.5		
Filter Size			112mm		
Overall Length	160mm	160mm	183mm	186mm	168mm
(From Mount Surface)	(146mm)	(154mm)	(179mm)	(180mm)	(154mm)
Diameter of Front Head			φ114mm		
Maximum Diameter		φ114mm (Excluding Trip	ood Collar)	
Weight (KG)	2.24	2.32	2.37	2.41	2.39
Weight (LB)	4.94	5.11	5.22	5.31	5.27



			50mm		
Mount	PL	EF	MFT	E	LPL
Focal Distance			50mm		
Optical Structure		10 G	roups 13 Eler	nents	
Image Circle	φ46.	7mm	φ40.8mm	φ45.6mm	φ46.7mm
Minimum Focus Distance			0.48m (19")		
Maximum Macro Magnification		1 : 7.01			
Focus Mode		Inter	nal Focus Sy	stem	
Aperture/Iris Blades			9 Blades		
Depth of Field			T1.5		
Filter Size			112mm		
Overall Length	145mm	145mm	168mm	171mm	153mm
(From Mount Surface)	(131mm)	(139mm)	(164mm)	(165mm)	(139mm)
Diameter of Front Head			φ114mm		
Maximum Diameter		φ114mm (Excluding Trip	ood Collar)	
Weight (KG)	2.11	2.19	2.24	2.28	2.26
Weight (LB)	4.65	4.83	4.94	5.03	4.98



		65mm				
Mount	PL	EF	MFT	E	LPL	
Focal Distance			65mm			
Optical Structure		13 Groups 14 Elements				
Image Circle	φ46.	φ46.7mm				
Minimum Focus Distance		0.69m (2'3")				
Maximum Macro Magnification		1 : 8.59				
Focus Mode		Inter	nal Focus Sy	stem		
Aperture/Iris Blades			9 Blades			
Depth of Field			T1.5			
Filter Size		T1.5 112mm				
Overall Length	161mm	161mm	184mm	187mm	169mm	
(From Mount Surface)	(147mm)	(155mm)	(180mm)	(181mm)	(155mm)	
Diameter of Front Head			φ114mm			
Maximum Diameter		ф114mm (Excluding Trip	ood Collar)		
Weight (KG)	2.29	2.37	2.42	2.46	2.44	
Weight (LB)	5.05	5.22	5.34	5.42	5.38	



		85mm				
Mount	PL	EF	MFT	E	LPL	
Focal Distance			85mm			
Optical Structure		13 Groups 14 Elements				
Image Circle	φ46.	φ46.7mm φ40.8mm φ45.6mm φ4				
Minimum Focus Distance		0.95m (37.5")				
Maximum Macro Magnification		1 : 9.92				
Focus Mode		Inter	nal Focus Sy	stem		
Aperture/Iris Blades			9 Blades			
Depth of Field			T1.5			
Filter Size		Internal Focus System 9 Blades T1.5 112mm				
Overall Length	145mm	145mm	168mm	171mm	153mm	
(From Mount Surface)	(131mm)	(139mm)	(164mm)	(165mm)	(139mm)	
Diameter of Front Head			ф114mm			
Maximum Diameter		φ114mm (Excluding Trip	ood Collar)		
Weight (KG)	2.15	2.23	2.29	2.32	2.3	
Weight (LB)	4.74	4.92	5.05	5.11	5.07	



		105mm				
Mount	PL	EF	MFT	E	LPL	
Focal Distance			105mm			
Optical Structure		13 Groups 16 Elements				
Image Circle	φ46.	φ46.7mm				
Minimum Focus Distance		1.15m (3'9")				
Maximum Macro Magnification		1 : 9.88				
Focus Mode		Inter	nal Focus Sy	stem		
Aperture/Iris Blades			9 Blades			
Depth of Field			T1.5			
Filter Size		9 Blades T1.5 112mm				
Overall Length	161mm	161mm	184mm	187mm	169mm	
(From Mount Surface)	(147mm)	(155mm)	(180mm)	(181mm)	(155mm)	
Diameter of Front Head			φ114mm			
Maximum Diameter		ф114mm (Excluding Trip	ood Collar)		
Weight (KG)	2.56	2.64	2.69	2.73	2.71	
Weight (LB)	5.64	5.82	5.93	6.02	5.97	



		135mm				
Mount	PL	EF	MFT	E	LPL	
Focal Distance			135mm			
Optical Structure		14 Groups 16 Elements				
Image Circle	φ46.	7mm	φ40.8mm	φ45.6mm	φ46.7mm	
Minimum Focus Distance		1.40m (4'7")				
Maximum Macro Magnification		1 : 9.75				
Focus Mode		Inter	nal Focus Sy	stem		
Aperture/Iris Blades			9 Blades			
Depth of Field			T1.5			
Filter Size		135mm 14 Groups 16 Elements 5.7mm				
Overall Length	187mm	187mm	210mm	213mm	195mm	
(From Mount Surface)	(173mm)	(181mm)	(206mm)	(207mm)	(181mm)	
Diameter of Front Head			φ114mm			
Maximum Diameter		φ124mm (Excluding Trip	ood Collar)		
Weight (KG)	2.99	3.07	3.12	3.16	3.14	
Weight (LB)	6.59	6.77	6.88	6.97	6.92	



		180mm				
Mount	PL	EF	MFT	E	LPL	
Focal Distance			180mm			
Optical Structure		14 Groups 17 Elements				
Image Circle	φ46.	φ46.7mm φ40.8mm φ45.6mm φ4				
Minimum Focus Distance		1.50m (4'11")				
Maximum Macro Magnification			1 : 7.91			
Focus Mode		Inter	nal Focus Sy	stem		
Aperture/Iris Blades			9 Blades			
Depth of Field			T1.9			
Filter Size						
Overall Length	195mm	195mm	218mm	220mm	203mm	
(From Mount Surface)	(181mm)	(189mm)	(214mm)	(215mm)	(189mm)	
Diameter of Front Head			ф114mm			
Maximum Diameter		φ124mm (Excluding Trip	ood Collar)		
Weight (KG)	3.26	3.34	3.39	3.43	3.41	
Weight (LB)	7.19	7.36	7.47	7.56	7.52	