

FUJINON

Premier PL 4K+



14.5-45 mm T2.0 Primarily Wide

This is not a Prime. It is much more than a variable prime. It is the most advanced Wide-Angle zoom we have ever built.

Most wide zooms are lightweight, designed for portability, handheld or stabilized rigs. (We have one: the new 19-90 mm.)

Fujinon's Premier 14.5-45 mm covers unlimited focal lengths in a range where primes previously were the rule. This lens works like a high-end Prime when dealing with distortion, chromatic aberration, and all the tough challenges of wide angle lens design. MTF and resolution is stellar from the center to the corners, without shading or fall-off. This is the most expensive, yet most compact of the four Premiers.

It is not a lightweight lens—it is a seamless match to the other three 4K+ Premiers in color matching, perform-

ance, and speed. The 14.5-45 mm is designed for wide angle 4K+ landscapes, beauty shots, distortion-free Green screen, motion control, and for beautiful Plates. Images that previously were usually trusted only to a prime. Using a zoom in these situations requires fewer lens changes and saves production time, without compromise to quality and matching.

The Fujinon Premier 4K+ 14.5-45mm has a maximum aperture of T2.0. Shooting at T2.0 requires half as much light as T2.6, which could translate into the difference between using 5Ks instead of 10Ks. Focus, Iris, and Zoom barrels on all Premier 4K+ zoom lenses are in the same relative position, saving valuable time when changing lenses: lens motors, follow focus, and accessories do not have to be repositioned. All four Fujinon Premier PL 4K+ zooms have 136 mm front diameters. Focus barrel rotation is a uniform 280 degrees on all four lenses.



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Premier PL 4K+



24-180mm/T2.6



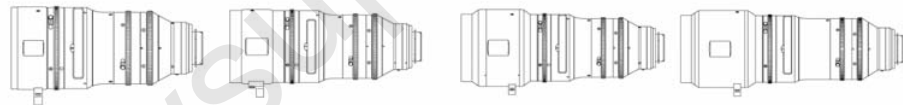
75-400mm/T2.8-3.8



18-85mm/T2.0



14.5-45mm/T2.0



Lens	14.5-45 mm T2.0	18-85 mm T2.0	24-180 mm T2.6	75-400 mm T2.8-T3.8
Focal length	14.5-45 mm	18-85 mm	24-180 mm	75-400 mm
Zoom ratio	3.1	4.7x	7.5x	5.3x
Max Iris	T2.0	T2.0	T2.6	T2.8 (75-270) T3.8 (400 mm)
Min Iris	T22	T22	T22	T22
Iris Blades	9	9	9	9
Close focus (from image plane)	0.71 m (2.3ft)	0.82 m (2.7ft)	1.24 m (4.1ft)	2 m (6.6ft)
Object size at close focus (wide end)*	14.5 mm: 693 x 390 mm	18 mm: 656 x 369 mm	24 mm: 924 x 520 mm	75 mm: 580 x 326 mm
Object size at close focus (tight end)*	45 mm: 215 x 121 mm	85 mm: 139 x 78 mm	180 mm: 119 x 67 mm	400 mm: 113 x 64 mm
Angular field of view (wide end)*	14.5 mm: 79° 13'	18 mm: 67° 23'	24 mm: 53° 08'	75 mm: 18° 11'
Angular field of view (tight end)*	45 mm: 29° 52'	85 mm: 16° 04'	45 mm: 7° 38'	400 mm: 3° 26'
Front Diameter	136 mm	136 mm	136 mm	136 mm
Length	310 mm	352 mm	405 mm	444 mm
Weight	6.5 kg / 14.3 lbs	6.9 kg / 15.2 lbs	8.9 kg / 19.6 lbs	8.9 kg / 19.7 lbs
Focus Rotation (degrees)	280°	280°	280°	280°
Zoom Rotation (degrees)	160°	160°	160°	160°
Model Number	HK3.1x14.5	HK4.7x18	HK7.5x24	HK5.3x75

* Calculated for 16:9 Aspect ratio with S35 24.0 x 13.5 mm gate

Available with feet or meters focus scales

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