

# Focusing Screen Test for Rolleiflex TLR

Rating it from a Scale of 1 to 5, with 5 as Brightest, 4 as Moderately Bright, 3 as Average, 2 as OEM, 1 as Dim.

Camera	Lens	Focusing Screen Type	Daylight Sunny	Indoor Night	Contrast D / N
Rolleiflex 3.5F	Xenotar 3.5	Maxwell Hi-Lux Plain	5	5	5 / 5
Rolleiflex 3.5E2	Xenotar 3.5	BrightScreen Spot Magnifier	4.75	4.75	4.8 / 4.3
Rolleiflex 2.8E3	Xenotar 2.8	Rollei Hi-D Screen Split Image	4.2	4	4.35 / 4.0
Rolleiflex T	Tessar 3.5	Rolleiflex OEM Plain	4.1	3.9	4.0 / 3.5
Rolleiflex 3.5E2	Xenotar 3.5	R. Oleson Horizontal Split Image	4	3.8	4.25 / 3.75
Rolleiflex 3.5E	Xenotar 3.5	Rollei OEM Horizontal Split Image	3.0	2.75	3.25/2.85
Rolleiflex MX-EVS	Xenar 3.5	Rollei Ground Glass w/ RolleiGrid	2.0	2.0	2.0 / 1.5
Rolleiflex MX-EVS	Xenar 3.5	Rollei Ground Glass	1.0	1.0	1.0/1.0

- A. The test would not be consider a true scientific test, but one of an end-user viewing the Available View as projected with the waist level finder open MINUS the critical focusing diopter.
- B. The test was perform on a tabletop with Infinity set focusing out to my backyard in 10AM Daylight SUNNY Condition.
- C. Brightest based on a One-To-One viewing through the WLF. Results were as expected as the original OEM screen was replace accordingly.
- D. The same test applied ay nightttime, but focusing at my TV & Stairway with available night lighting coming from a picture window. This test was a harder on the focusing screen, as I wanted to simulate Available lighting for night shooting for either a Wedding shot or a night scenic shot. Tripod is necessary for the night scenic shoot, but for a Wedding, you have to use whatever light you have available. Some Wedding photographers use a Video overhead lighting setup with their lighting staff...
- E. Contrast was base upon the ability for the focusing screen to SNAP into focus at the desire end destination.
- F. The best for all around application was the MAXWELL Hi Lux Plain Screen. Followed by a Close Second was the BrightScreen with the Large Spot Magnifier. That spot magnifier really helped with the light gathering at nighttime.

**Snap-to-Contrast:**

- The Maxwell does a gradually Out-of-Focus into a Steady Focus. The BrightScreen takes a complete different approach. I found it to differ than all of the screens used in the test. In the Out-Of-Range Focusing, it display the Out of Focus object reference as a Pixelated object until it is fully in true focus.
- Overall the Maxwell is the KING and does deliver what it claims to do. Where it really shine, was in the available lighting test.
- The Rolleiflex Hi-D Screen was promise to be a Fantastic screen. However, the BrightScreen was far superior to it overall. The Rolleiflex Hi-D Screen was better than the other screens, but not by much.
- As you approach the closer range of focus, it disappears and is a soft in Focus until you arrive at the final point of focus. Then the image is overall in Focus. First time using and seeing this type of focusing. I would have to test it further on other cameras when the chance arises after they are all CLA.

Any questions or to test further under a different setoff criteria, please advise accordingly.