

OL 770 AND OL 771 SENSITIVITY VALUES

OL 770VIS MIN ¹ / MAX ² VALUES				
	IS-670	IS 1800	15A	15B
MIN TLF	5E ⁻⁶ lm	2E ⁻⁴ lm		
MAX TLF NO FILTER	8 lm	340 lm		
MAX TLF ND-1	80 lm	3400 lm		
MAX TLF ND-2	800 lm	34000 lm		
MAX TLF ND-3	8000 lm	340000 lm		
MIN RAD FLUX	1E ⁻⁸ W	6E ⁻⁷ W		
MAX RAD FLUX NO FILTER	0.05W	2W		
MAX RAD FLUX ND-1	0.5W	20W		
MAX RAD FLUX ND-2	5.0W	200W		
MAX RAD FLUX ND-3	50W	2000W		
MIN LUM INT			5E ⁻⁰⁰⁴ cd	3E ⁻⁰⁰⁵ cd
MAX LUM INT NO ND			800 cd	80 cd
MAX LUM INT ND-1			8000 cd	800 cd
MAX LUM INT ND-2			80,000 cd	8000 cd
MAX LUM INT ND-3			800,000 cd	80,000 cd
MIN RAD INT			1E ⁻⁰⁰⁶ W/sr	8E ⁻⁰⁰⁸ W/sr
MAX RAD INT NO ND			5 W/sr	.5 W/sr
MAX RAD INT ND-1			50 W/sr	5 W/sr
MAX RAD INT ND-2			500 W/sr	50 W/sr
MAX RAD INT ND-3			5000 W/sr	500 W/sr

OL 771 MIN ¹ / MAX ² VALUES				
	IS-671		16A-SW CONDITION A	16A-SW CONDITION B
MIN TLF	2 ⁻² lm			
MAX TLF NO FILTER	187 lm			
MIN RAD FLUX	4.5 ⁻⁵ W			
MAX RAD FLUX NO FILTER	0.390 W			
MIN LUM INT			300 cd	3 cd
MAX LUM INT NO ND			3.6 x 10 ⁵ cd	3.6 x 10 ³ cd
MIN RAD INT			4.4 ⁻¹ W/sr	4.4 ⁻³ W/sr
MAX RAD INT NO ND			528 W/sr	5.28 W/sr

Notes

¹ Minimum values are at 10:1 SNR (Signal to Noise Ratio), Max CCD Binning, 10 sec Integration Time.

² Maximum values are at a fixed minimum integration time of 20ms and Min CCD Binning.