

# 1 Supplementary Material

Table S1: This table shows the spectral peak and FWHM of each band for all used snapshot cameras and filters. The bands are sorted, starting with lowest  $\lambda$ , and the numeration does not correspond to the index positions on the sensor.

		Band #	0	1	2	3	4	5	6	7	8	9	10	11	12	
T	3x3	$\lambda$ [nm]	424	457	497	534	561	599	640	680						
	Camera	FWHM	51	45	36	32	30	29	27	26						
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	4x4	$\lambda$ [nm]	463	471	478	489	490	504	518	531	543	567	580	592	603	
	Camera	FWHM	10.8	15.5	20.2	10.8	12.1	10.8	9.4	7.4	7.4	7.4	7.4	7.4	10.8	
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	5x5	$\lambda$ [nm]	693	707	732	746	758	772	784	798	809	821	839	851	861	
	Camera	FWHM	4.0	4.4	5.1	4.7	7.1	6.8	6.8	8.5	6.8	7.1	10.1	8.1	8.5	
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			Band #	13	14	15	16	17	18	19	20	21	22	23	24	
	4x4	$\lambda$ [nm]	616	626	638											
	Camera	FWHM	13.4	15.5	15.5											
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	5x5	$\lambda$ [nm]	872	881	891	900	910	924	932	940	948	955	961	966		
	Camera	FWHM	8.8	10.9	12.2	15.0	12.9	15.3	14.2	18.7	19.4	25.0	17.7	15.3		