

		[X, Y, Z, x, y] ₁₀₀										[L*, a*, b*, C*, h _{AB} , a', b', c'] ₁₀₀										[Y, A, B, C _{AB} , h _{AB} , a, b, c] ₁₀₀										[l _d , i', c', λ _d , λ _c] ₁₀₀										[X, Y, Z] ₈₉										[L*, a*, b*, C*, h _{AB} , a', b', c'] ₈₉												[Y, A, B, C _{AB} , h _{AB}] ₈₉											
0005-ROOB	00	90.8	93.9	99.8	0.321	0.331	97.6	3.0	2.3	3.8	37.5	0.217	-0.212	0.01	93.9	1.7	2.2	40.8	0.967	-0.419	0.025	37	16	587	483	80.4	83.2	87.3	93.1	2.9	2.2	3.6	37.5	83.2	1.5	1.3	1.9	49	40.8																																				
0010-ROOB	01	87.2	88.1	90.0	0.329	0.332	95.2	6.7	4.0	7.8	30.7	0.218	-0.211	0.011	88.1	3.5	2.3	4.2	33.3	0.99	-0.408	0.049	38	16	592	484	77.3	78.1	79.8	98.8	6.4	3.8	7.4	30.7	78.1	3.1	2.1	3.8	33.3																																				
0015-ROOB	02	83.2	82.6	82.3	0.332	0.332	95.8	10.7	5.3	12.0	26.5	0.22	-0.208	0.013	82.6	5.5	3.0	6.2	28.5	1.066	-0.398	0.076	39	17	597	485	74.3	73.1	72.9	98.5	10.5	5.1	11.5	26.5	73.1	4.9	2.6	5.5	28.5																																				
0020-ROOB	03	80.7	77.2	75.3	0.346	0.331	90.4	14.9	6.6	14.3	23.8	0.222	-0.207	0.014	77.2	7.4	3.5	8.2	25.2	1.045	-0.389	0.106	40	17	600	485	71.6	68.4	66.7	98.2	14.3	6.3	12.3	23.8	68.4	6.5	3.1	7.2	23.8																																				
0025-ROOB	04	77.4	72.0	68.5	0.355	0.33	88.0	18.8	7.8	20.4	22.5	0.225	-0.205	0.016	72.0	9.0	3.9	9.8	23.5	1.074	-0.38	0.137	40	17	603	486	68.5	63.8	60.7	83.9	18.1	7.5	19.6	22.5	63.8	8.0	3.5	8.7	23.5																																				
0030-ROOB	05	74.2	67.0	62.3	0.365	0.329	85.5	23.0	8.9	24.7	21.2	0.227	-0.203	0.019	67.0	10.6	4.2	11.4	21.8	1.107	-0.371	0.17	41	17	606	486	65.7	59.4	55.2	81.5	22.1	8.6	23.7	21.2	59.4	9.4	3.7	10.1	21.2																																				
0035-ROOB	06	70.8	62.2	56.3	0.374	0.328	83.0	26.7	10.1	28.6	20.7	0.229	-0.202	0.021	62.2	11.8	4.5	12.6	21.0	1.139	-0.361	0.203	41	17	608	486	62.7	55.1	49.9	79.1	25.7	9.7	27.4	20.7	55.1	10.4	4.0	11.2	21.0																																				
0040-ROOB	07	67.5	57.5	50.7	0.384	0.327	80.5	30.6	11.3	32.6	20.3	0.231	-0.2	0.024	57.5	12.9	4.8	13.8	20.2	1.174	-0.351	0.24	42	17	610	486	59.8	50.9	44.9	76.6	29.3	10.8	31.3	20.3	50.9	11.5	4.2	12.2	20.2																																				
0045-ROOB	08	64.1	53.0	45.3	0.395	0.326	77.9	34.1	12.5	36.3	20.2	0.234	-0.198	0.027	53.0	13.8	4.9	14.7	19.7	1.21	-0.341	0.277	42	17	611	486	56.8	46.9	40.1	74.1	32.7	12.0	34.8	20.2	46.9	12.2	4.4	13.0	19.7																																				
0050-ROOB	09	60.8	48.6	40.1	0.407	0.325	75.2	37.8	13.9	40.3	20.2	0.236	-0.195	0.03	48.6	14.6	5.1	15.5	19.3	1.25	-0.329	0.319	42	17	612	487	53.8	43.1	35.5	71.6	36.3	13.4	38.7	20.2	43.1	13.0	4.5	13.7	19.3																																				
0055-ROOB	10	57.5	44.4	35.1	0.42	0.324	72.5	41.7	15.4	44.4	20.3	0.239	-0.193	0.034	44.4	15.4	5.3	16.3	18.9	1.296	-0.315	0.366	42	17	613	487	50.9	39.3	31.1	69.0	40.0	14.8	42.7	20.3	39.3	13.6	4.7	14.4	18.9																																				
0060-ROOB	11	54.3	40.3	30.4	0.435	0.322	69.7	45.8	17.0	48.8	20.4	0.242	-0.19	0.038	40.3	16.0	5.4	16.9	18.5	1.348	-0.3	0.42	43	17	615	487	48.1	35.7	26.9	66.3	43.9	16.3	46.9	20.4	35.7	14.2	4.8	15.0	18.5																																				
0065-ROOB	12	51.1	36.3	25.9	0.451	0.32	66.7	50.0	18.7	53.3	20.5	0.246	-0.186	0.043	36.3	16.6	5.4	17.5	18.1	1.407	-0.284	0.481	43	17	616	487	45.2	32.2	22.9	63.5	48.0	18.0	51.2	20.5	32.2	14.7	4.8	15.5	18.1																																				
0070-ROOB	13	47.9	32.5	21.7	0.469	0.318	63.7	54.4	20.6	58.2	20.7	0.25	-0.182	0.048	32.5	17.1	5.4	17.9	17.7	1.475	-0.266	0.552	43	17	618	487	42.4	28.7	19.2	60.6	52.2	19.8	55.9	20.7	28.7	15.1	4.8	15.9	17.7																																				
0075-ROOB	14	44.5	28.7	17.8	0.489	0.316	60.5	58.4	22.6	62.6	21.1	0.254	-0.178	0.054	28.7	17.2	5.4	18.0	17.4	1.548	-0.247	0.627	43	17	619	487	39.4	25.4	15.8	57.5	56.1	21.7	60.1	21.1	25.4	15.2	4.8	16.0	17.4																																				
0080-ROOB	15	40.9	25.1	14.2	0.51	0.313	57.2	62.2	24.6	66.9	21.6	0.258	-0.172	0.061	25.1	17.1	5.2	17.9	17.0	1.63	-0.226	0.712	44	17	621	487	36.2	22.2	12.6	54.3	59.8	23.7	64.3	21.6	22.2	15.1	4.6	15.8	17.0																																				
0085-ROOB	16	37.3	21.5	10.8	0.535	0.309	53.5	66.5	27.2	71.8	22.2	0.263	-0.166	0.069	21.5	16.9	5.0	17.6	16.6	1.732	-0.2	0.817	44	17	623	487	33.1	19.1	9.6	50.8	63.9	26.1	69.0	22.2	19.1	14.9	4.5	15.6	16.6																																				
0090-ROOB	17	33.8	18.1	7.6	0.568	0.305	49.7	71.4	30.8	77.8	23.3	0.27	-0.156	0.081	18.1	16.6	4.8	17.3	16.3	1.865	-0.167	0.954	45	17	625	487	30.0	16.1	6.7	47.1	68.6	29.6	74.7	23.3	16.1	14.7	4.3	15.3	16.3																																				
0095-ROOB	18	30.3	14.8	4.5	0.611	0.298	45.4	77.4	36.7	85.6	25.4	0.278	-0.14	0.098	14.8	16.3	4.6	16.9	15.9	2.05	-0.12	1.144	45	17	628	487	26.9	13.1	4.0	42.9	74.3	35.2	82.2	25.4	13.1	14.4	4.1	15.0	15.9																																				
0099-ROOB	19	27.2	11.6	1.4	0.677	0.288	40.6	85.6	50.8	99.6	30.7	0.291	-0.102	0.136	11.6	16.2	4.5	16.8	15.5	2.342	-0.047	1.446	46	17	631	487	24.1	10.3	1.2	38.3	82.3	48.8	95.6	30.7	10.3	14.3	4.0	14.9	15.5																																				
0005-BOOG	20	88.5	94.5	106.8	0.305	0.326	97.8	-2.2	-2.4	3.4	228.1	0.214	-0.217	0.01	94.5	-1.1	-1.5	2.0	232.4	0.936	-0.451	0.024	16	36	481	582	78.4	83.7	94.6	93.3	-2.1	-2.3	3.3	228.1	83.7	-1.0	-1.3	1.8	232.4																																				
0010-BOOG	21	82.5	89.3	104.8	0.298	0.323	95.7	-4.2	-4.9	6.6	229.2	0.214	-0.22	0.012	89.3	-2.2	-3.0	3.8	234.0	0.924	-0.469	0.044	16	36	480	582	73.1	79.1	92.9	91.3	-4.0	-4.7	6.3	229.2	79.1	-1.9	-2.6	3.4	234.0																																				
0015-BOOG	22	76.9	84.2	103.1	0.291	0.319	93.5	-6.0	-7.5	9.8	231.1	0.213	-0.223	0.014	84.2	-3.0	-4.5	5.5	236.3	0.913	-0.489	0.067	16	36	480	581	68.1	74.6	91.3	89.2	-5.8	-7.2	9.4	231.1	74.6	-2.6	-4.0	4.9	236.3																																				
0020-BOOG	23	71.5	79.3	101.5	0.283	0.314	91.4	-7.9	-10.3	13.1	232.4	0.212	-0.226	0.016	79.3	-3.7	-6.0	7.2	238.0	0.901	-0.511	0.091	16	36	480	580	63.3	70.3	90.0	87.1	-7.5	-9.8	12.5	232.4	70.3	-3.3	-5.3	6.4	238.0																																				
0025-BOOG	24	66.4	74.6	99.9	0.276	0.31	89.2	-9.4	-12.9	16.1	233.9	0.211	-0.23	0.019	74.6	-4.3	-7.4	8.7	239.9	0.891	-0.535	0.117	15	36	479	580	58.9	66.1	88.5	85.0	-9.0	-12.4	15.5	233.9	66.1	-3.8	-6.7	7.7	239.9																																				
0030-BOOG	25	61.7	70.0	97.9	0.269	0.305	87.0	-10.6	-15.5	18.9	235.4	0.21	-0.233	0.022	70.0	-4.6	-8.6	9.9	241.7	0.882	-0.559	0.142	15	35	479	579	54.7	62.0	86.8	82.9	-10.2	-14.9	18.2	235.4	62.0	-4.1	-7.6	8.8	241.7																																				
0035-BOOG	26	57.3	65.5	95.8	0.262	0.3	84.8	-11.8	-17.9	21.6	236.6	0.21	-0.237	0.025	65.5	-4.9	-9.7	11.0	243.1	0.874	-0.584	0.168	15	35	479	579	50.7	58.1	84.9	80.8	-11.3	-17.2	20.7	236.6	58.1	-4.3	-8.6	9.8	243.1																																				
0040-BOOG	27	52.8	61.2	94.6	0.253	0.293	82.5	-13.3	-21.0	25.0	237.6	0.209	-0.241	0.029	61.2	-5.2	-11.1	12.4	244.6	0.862	-0.617	0.203	15	35	479	578	46.8	54.2	83.8	78.6	-12.8	-20.2	24.0	237.6	54.2	-4.6	-9.8	11.0	244.6																																				