

Cod.	i	[X, Y, Z], x <sub>100</sub>	[L*, a*, b*, C*, ab, h, ap, a', b', c', ab <sub>100</sub> ]								[Y, A, B, C <sub>AB</sub> , h <sub>AB</sub> , a, b, c, a <sub>AB</sub> ]								[i <sub>d</sub> , i', c', λ <sub>d</sub> , λ <sub>c</sub> , λ <sub>100</sub> ]				[X, Y, Z] <sub>89</sub>				[L*, a*, b*, C*, ab, h <sub>ab</sub> , h <sub>89</sub> ]								[Y, A, B, C <sub>AB</sub> , h <sub>AB</sub> , h <sub>89</sub> ]						
			L*	a*	b*	C*	ab	h	ap	a'	b'	c'	ab <sub>100</sub>	Y	A	B	C <sub>AB</sub>	h <sub>AB</sub>	a	b	c	a <sub>AB</sub>	i <sub>d</sub>	i'	c'	λ <sub>d</sub>	λ <sub>c</sub>	λ <sub>100</sub>	X	Y	Z	L*	a*	b*	C*	ab	h <sub>ab</sub>	h <sub>89</sub>	Y	A	B
0099-R00B	00	27.2	11.6	1.4	0.677	0.289	40.6	85.6	30.8	99.6	30.7	0.291	-0.102	0.136	11.6	16.2	6.5	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		
0099-Y95R	01	29.8	13.2	0.4	0.683	0.305	43.1	85.3	69.3	109.6	39.2	0.287	-0.061	0.169	13.2	17.2	5.6	18.1	18.0	2.253	-0.01	1.371	43	17	617	487	26.4	11.7	0.3	40.7	81.6	65.8	104.9	38.9	11.7	15.3	5.0	16.0	18.0		
0099-Y85R	02	32.3	15.0	0.2	0.687	0.317	46.8	80.2	78.7	114.5	43.4	0.283	0.0	0.226	15.0	18.0	6.5	19.2	19.0	2.151	0.0	1.278	42	17	610	486	28.6	13.3	0.0	43.2	79.9	74.5	109.3	43.0	13.3	16.0	5.8	17.0	19.9		
0099-Y85R	03	34.4	16.9	0.1	0.671	0.329	48.4	83.2	87.1	120.0	47.8	0.278	0.0	0.275	18.0	18.7	7.3	20.8	21.8	1.979	0.0	1.173	41	17	606	485	30.5	15.0	0.0	45.6	77.0	78.6	110.7	45.0	15.6	16.3	6.5	17.5	21.8		
0099-Y80R	04	36.3	18.8	0.0	0.659	0.341	50.5	76.4	86.7	115.5	48.6	0.273	-0.002	0.203	18.8	18.4	8.2	20.2	23.9	1.93	0.0	1.073	40	17	602	486	32.1	16.7	0.0	47.8	73.4	84.2	110.2	48.2	16.7	16.3	7.2	17.9	23.9		
0099-Y75R	05	38.2	20.7	0.1	0.647	0.352	52.7	73.0	89.5	115.5	50.8	0.269	-0.033	0.189	20.7	18.5	9.0	20.5	25.9	1.84	-0.001	0.99	39	17	599	485	33.8	18.4	0.1	49.9	70.1	85.0	110.2	50.5	18.4	16.4	8.0	18.2	25.9		
0099-Y70R	06	40.0	22.7	0.0	0.638	0.362	54.8	69.8	94.4	117.4	53.5	0.265	0.0	0.221	22.7	18.4	9.9	20.9	28.2	1.762	0.0	0.922	39	17	597	485	35.4	20.1	0.0	52.0	67.1	89.6	111.9	53.2	20.1	16.3	8.7	18.5	28.2		
0099-Y65R	07	41.7	24.7	0.0	0.628	0.372	56.8	66.5	97.8	118.3	55.8	0.261	0.0	0.22	24.7	18.3	10.7	21.2	30.4	1.69	0.0	0.859	39	16	595	484	36.9	21.9	0.0	53.9	63.9	92.9	112.7	55.5	21.9	16.2	9.5	18.8	30.4		
0099-Y60R	08	43.2	26.7	0.0	0.618	0.382	58.7	62.7	101.2	119.0	58.2	0.257	0.0	0.22	26.7	17.9	11.6	21.3	33.0	1.619	0.0	0.799	38	16	592	484	38.3	23.7	0.0	55.7	60.2	96.1	113.4	57.9	23.7	15.8	10.3	18.9	33.0		
0099-Y55R	09	44.6	28.9	0.1	0.607	0.392	60.6	58.4	103.9	119.2	60.6	0.254	-0.024	0.194	28.9	17.2	12.5	21.6	36.0	1.547	0.0	0.739	38	16	590	483	39.5	25.6	0.0	57.6	56.1	98.7	113.5	60.4	25.6	15.3	11.1	18.9	36.0		
0099-Y50R	10	46.2	31.2	0.1	0.596	0.403	62.7	54.1	107.1	119.9	63.2	0.25	-0.026	0.191	31.2	16.5	13.5	21.4	39.3	1.48	0.0	0.685	37	16	588	483	40.9	27.6	0.1	59.6	51.9	101.8	114.3	63.0	27.6	14.7	12.0	18.9	39.3		
0099-Y45R	11	48.1	33.9	0.1	0.586	0.413	64.9	50.0	110.8	121.6	65.7	0.246	-0.026	0.192	33.9	15.9	14.7	21.7	42.8	1.419	0.0	0.64	37	16	586	482	42.6	30.0	0.1	61.7	48.0	105.4	115.8	65.5	30.0	14.1	13.0	19.2	42.8		
0099-Y40R	12	50.4	37.0	0.1	0.576	0.423	67.3	46.0	115.3	124.1	68.3	0.243	-0.022	0.195	37.0	15.3	16.1	22.2	46.4	1.363	0.0	0.6	37	16	585	482	44.7	32.8	0.0	64.0	44.2	109.7	118.2	68.1	32.8	13.6	14.2	19.7	46.4		
0099-Y35R	13	53.3	40.7	0.1	0.566	0.433	70.0	41.9	119.3	126.5	70.7	0.24	-0.026	0.191	40.7	14.6	17.7	22.9	50.4	1.309	0.0	0.564	36	16	585	481	47.2	36.0	0.1	66.6	40.2	113.6	120.5	70.5	36.0	13.0	15.7	20.3	50.4		
0099-Y30R	14	56.3	44.8	0.1	0.557	0.443	72.8	37.5	124.3	129.8	73.2	0.237	-0.024	0.191	44.8	13.8	19.5	23.8	54.7	1.257	0.0	0.532	36	16	581	480	49.9	39.7	0.1	69.2	36.0	118.4	123.7	73.1	39.7	12.2	17.2	21.1	54.7		
0099-Y25R	15	59.4	49.3	0.1	0.546	0.453	75.6	32.6	128.7	132.8	75.8	0.233	-0.027	0.188	49.3	12.6	21.4	24.8	59.6	1.204	0.0	0.503	36	16	580	479	52.6	43.7	0.1	72.0	31.3	122.6	126.6	75.7	43.7	11.1	19.0	22.0	59.6		
0099-Y20R	16	63.0	54.8	0.1	0.534	0.465	78.9	27.0	134.9	137.6	78.7	0.23	-0.023	0.192	54.8	11.0	23.8	26.2	65.3	1.15	0.0	0.478	35	15	578	478	55.8	48.5	0.1	75.2	25.9	128.6	131.2	78.6	45.8	9.7	21.1	23.2	65.3		
0099-Y15R	17	67.3	61.6	0.2	0.522	0.477	82.7	20.5	140.1	141.6	81.7	0.226	-0.028	0.187	61.6	8.8	26.7	28.1	71.7	1.093	0.0	0.457	35	15	576	477	59.6	54.5	0.2	78.8	19.6	133.7	135.1	81.6	54.5	7.8	23.7	24.9	71.7		
0099-Y10R	18	70.7	68.0	0.3	0.508	0.489	86.0	13.5	143.8	144.5	84.7	0.222	-0.034	0.181	68.0	6.1	29.5	30.1	78.3	1.039	-0.001	0.443	34	15	574	476	62.6	60.2	0.3	82.0	12.9	137.4	138.0	84.6	60.2	5.4	26.1	26.7	78.3		
0099-Y05R	19	71.8	72.4	0.5	0.496	0.5	88.2	6.5	144.9	145.0	87.4	0.219	-0.039	0.176	72.4	3.0	31.3	31.5	84.5	0.99	-0.002	0.434	34	14	572	474	63.6	64.2	0.4	84.1	6.3	138.6	138.7	87.4	64.2	2.7	27.7	27.9	84.5		
0099-Y00R	20	70.8	74.5	0.7	0.485	0.51	89.2	0.1	143.7	143.7	90.0	0.215	-0.043	0.172	74.5	0.0	32.1	32.1	89.9	0.95	-0.003	0.431	34	14	571	472	62.7	66.0	0.6	85.0	0.1	137.7	137.7	90.0	66.0	0.0	28.5	28.5	89.9		
0099-G95Y	21	68.0	74.4	0.8	0.475	0.519	89.1	-5.5	141.7	141.8	92.3	0.213	-0.046	0.169	74.4	-2.5	32.0	32.1	94.6	0.915	-0.003	0.432	33	14	569	470	60.3	65.9	0.7	84.9	-5.3	135.9	136.0	92.3	65.9	-2.2	28.4	28.5	94.6		
0099-G90Y	22	64.7	73.1	0.8	0.467	0.527	88.5	-10.4	140.5	140.9	94.3	0.21	-0.046	0.169	73.1	-4.6	31.5	31.8	98.6	0.885	-0.004	0.435	33	13	568	468	57.3	64.8	0.7	84.4	-10.0	134.8	135.2	94.3	64.8	-4.1	27.9	28.2	98.6		
0099-G85Y	23	61.7	71.8	0.9	0.459	0.534	87.9	-14.6	138.5	139.2	96.1	0.208	-0.048	0.167	71.8	-6.4	30.9	31.5	101.9	0.859	-0.004	0.44	33	13	567	465	54.6	63.6	0.8	83.8	-14.0	132.9	133.6	96.1	63.6	-5.7	27.3	27.9	101.9		
0099-G80Y	24	58.8	70.3	0.8	0.453	0.541	87.1	-18.3	138.2	139.6	97.6	0.207	-0.047	0.168	70.3	-7.8	30.3	31.3	107.2	0.836	-0.004	0.445	33	12	566	463	52.1	62.3	0.7	83.1	-17.6	132.7	133.9	97.6	62.3	-6.9	26.8	27.7	104.7		
0099-G75Y	25	55.8	68.4	0.6	0.447	0.548	86.2	-21.6	140.4	141.8	98.8	0.205	-0.042	0.173	68.4	-9.0	29.5	30.9	107.2	0.816	-0.002	0.452	33	12	565	460	49.4	60.6	0.5	82.1	-20.7	134.1	135.8	98.8	60.6	-8.0	26.1	27.4	107.2		
0099-G70Y	26	52.6	66.0	0.6	0.441	0.555	85.0	-24.5	138.4	140.6	100.1	0.203	-0.043	0.173	66.0	-10.0	28.5	30.2	109.4	0.797	-0.002	0.468	32	11	564	456	46.6	58.5	0.5	81.0	-23.6	132.4	134.5	100.1	58.5	-8.8	25.2	26.8	109.4		
0099-G65Y	27	49.2	63.2	0.6	0.434	0.559	83.6	-27.4	135.8	138.5	101.4	0.202	-0.042	0.173	63.2	-10.0	27.3	29.3	111.6	0.778	-0.003	0.464	32	10	563	451	43.6	56.0	0.5	79.6	-26.3	129.9	132.6	101.5	56.0	-9.5	24.6	26.0	111.6		
0099-G60Y	28	45.5	60.0	0.7	0.424	0.565	81.8	-30.2	131.8	135.2	103.0	0.2	-0.045	0.17	60.0	-11.3	25.8	28.3	113.8	0.759	-0.003	0.471	32	8	563	443	40.3	53.2	0.6	78.0	-29.0	126.2	129.5	103.0	53.2	-10.0	22.9	25.0	113.8		
0099-G55Y	29	41.5	56.2	0.8	0.412	0.573	79.8	-33.3	130.1	134.3	104.4	0.198	-0.043	0.173	56.2	-11.8	24.3	27.0	116.2	0.737	-0.003	0.481	32	5	562	427	36.7	49.8	0.5	76.0	-32.0	124.4	128.4	104.5	49.8	-10.5	21.5	24.0	116.2		
0099-G50Y	30	37.1	52.2	0.4	0.414	0.582	77.4	-36.8	127.4	132.7	106.2	0.196	-0.041	0.175	52.2	-12.3	22.5	27	118.9	0.71	-0.002	0.493	32	-1	560	406	32.9	46.2	0.4	73.7	-35.4	121.7	129.8	106.2	46.2	-10.9	20.0	22.8	118.9		
0099-G45Y	31	32.8	48.2	0.4	0.403	0.592	75.0	-41.0	123.4	130.0	108.4	0.193	-0.042	0.174	48.2	-12.9	20.8	24.5	121.9	0.681	-0.002	0.509	31	-1	559	359	29.1	42.7	0.4	71.4	-39.4	117.8	124.3	108.5	42.7	-11.4					