

Performance (STRESS values) for extra large colour difference data (ECD)

data set	Calculations with data for grey surrounds near D65									
	Difference $\Delta E^*_{\text{CIELAB}}$					Colour difference formula and STRESS value				
Name	Pairs	ΔE^*_{ab} range	min	max	mean	CIELAB ΔE^*_{ab}	CMC ΔE^*_{CMs}	CIE94 ΔE^*_{94}	CIEDE2000 ΔE^*_{00}	LABJND ΔE^*_{85}
VR_0128	127	0.0 to <99.0	12.86	96.7	36.02	12.6	22.7	26.3	24.2	32.0
KR_0128	127	0.0 to <99.0	12.86	96.7	36.02	17.0	22.8	25.7	24.9	31.5
VR_0128	0									
KR_0128	0									
VR_0128	127	5.0 to <99.0	12.86	96.7	36.02	12.6	22.7	26.3	24.2	32.0
KR_0128	127	5.0 to <99.0	12.86	96.7	36.02	17.0	22.8	25.7	24.9	31.5
VR_0128	0									
KR_0128	0									
VR_0128	27	5.0 to <20.0	12.86	19.68	17.04	12.2	27.6	29.2	29.3	31.0
KR_0128	27	5.0 to <20.0	12.86	19.68	17.04	12.1	26.9	28.5	28.2	30.3
VR_0128	100	20.0 to <99.0	20.09	96.7	41.15	12.6	21.9	25.5	23.5	30.9
KR_0128	100	20.0 to <99.0	20.09	96.7	41.15	17.1	21.9	24.9	24.3	30.3

data sets: VR=VIK_Relative, KR=KITTELMANN_Relative

Performance (STRESS values) for extra large colour difference data (ECD)

data set	Calculations with data for grey surrounds near D65									
	Difference ΔE^* _{CIEDE2000}					Colour difference formula and STRESS value				
Name	Pairs	ΔE^* _{C00} range	min	max	mean	CIELAB ΔE^*	CMC ΔE^*	CIE94 ΔE^*	CIEDE2000 ΔE^*	LABJND ΔE^*
VR_0128	128	0.0 to <99.0	12.86	120.47	36.68	12.9	22.4	25.5	23.3	31.9
KR_0128	128	0.0 to <99.0	12.86	120.47	36.68	17.4	22.7	25.2	24.1	31.7
VR_0128	1	0.0 to <5.0	12.86	12.86	12.86	0.1	0.1	0.1	0.1	0.1
KR_0128	1	0.0 to <5.0	12.86	12.86	12.86	0.1	0.1	0.1	0.1	0.1
VR_0128	127	5.0 to <99.0	14.04	120.47	36.87	12.9	22.3	25.5	23.3	31.9
KR_0128	127	5.0 to <99.0	14.04	120.47	36.87	17.4	22.7	25.2	24.1	31.7
VR_0128	29	5.0 to <10.0	14.53	27.76	20.13	23.2	31.8	35.3	33.0	46.9
KR_0128	29	5.0 to <10.0	14.53	27.76	20.13	13.3	23.6	29.1	24.9	39.3
VR_0128	83	5.0 to <20.0	14.04	49.46	22.65	18.0	33.1	32.7	35.9	42.5
KR_0128	83	5.0 to <20.0	14.04	49.46	22.65	13.1	30.5	32.2	34.1	41.8
VR_0128	44	20.0 to <99.0	23.46	120.47	33.7	11.4	19.0	23.2	19.3	27.7
KR_0128	44	20.0 to <99.0	23.46	120.47	33.7	18.1	20.5	22.9	21.3	27.6

data sets: VR=VIK_Relative, KR=KITTELMANN_Relative