

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 $\Delta E_{\text{ab_PF}}$	CMC $\Delta E_{\text{CMs_PF}}$	CIE94 ΔE_{94_PF}	CIEDE2000 ΔE_{00_PF}	LABJND ΔE_{85_PF}
VR_0128	127	0.0 to <99.0	12.86	96.7	36.02	28.2	28.6	29.4	27.6	43.1
KR_0128	127	0.0 to <99.0	12.86	96.7	36.02	29.8	29.0	29.5	28.5	43.4
VR_0128	0									
KR_0128	0									
VR_0128	127	5.0 to <99.0	12.86	96.7	36.02	28.2	28.6	29.4	27.6	43.1
KR_0128	127	5.0 to <99.0	12.86	96.7	36.02	29.8	29.0	29.5	28.5	43.4
VR_0128	0									
KR_0128	0									
VR_0128	27	5.0 to <20.0	12.86	19.68	17.04	12.9	19.7	21.9	22.0	14.0
KR_0128	27	5.0 to <20.0	12.86	19.68	17.04	12.4	18.8	21.0	20.7	13.1
VR_0128	100	20.0 to <99.0	20.09	96.7	41.15	26.2	26.0	27.1	25.5	39.1
KR_0128	100	20.0 to <99.0	20.09	96.7	41.15	27.9	26.4	27.2	26.4	39.2

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	29.8	29.5	29.8	27.9	44.7
KR_0128	128	0.0 to <99.0	12.86	120.47	36.68	31.7	30.4	30.3	29.1	45.3
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	29.7	29.5	29.8	27.9	44.6
KR_0128	127	5.0 to <99.0	14.04	120.47	36.87	31.7	30.4	30.3	29.1	45.3
VR_0128	29	5.0 to <10.0	14.53	27.76	20.13	25.3	30.6	32.9	31.7	36.4
KR_0128	29	5.0 to <10.0	14.53	27.76	20.13	14.3	21.4	25.4	22.8	27.3
VR_0128	83	5.0 to <20.0	14.04	49.46	22.65	24.2	31.7	31.1	33.5	35.0
KR_0128	83	5.0 to <20.0	14.04	49.46	22.65	19.5	28.3	29.4	30.8	32.0
VR_0128	44	20.0 to <99.0	23.46	120.47	33.7	18.9	21.9	23.0	21.1	29.3
KR_0128	44	20.0 to <99.0	23.46	120.47	33.7	23.8	24.4	24.2	23.9	31.5

data sets: VR=VIK_Relative, KR=KITTELMANN_Relative