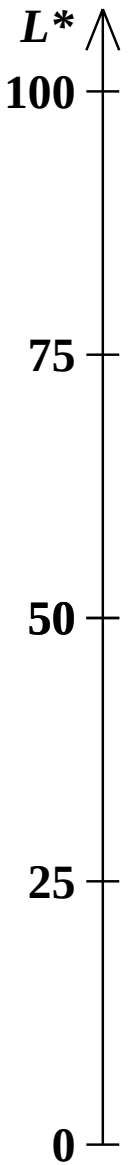
Equal 9 step grey scaling between L^*_N and L^*_W for three reflections of ambient light

L^*_{0N}=4.0, L^*_{0U}=50.0, L^*_{0W}=96.0, Y_{0N}=0.4, Y_{0U}=18.4, Y_{0W}=90.0, $C_{0Y}=Y_{0W}:Y_{0N}$=203.2
L^*_{tN}=7.9, L^*_{tU}=50.4, L^*_{tW}=96.0, Y_{tN}=0.8, Y_{tU}=18.7, Y_{tW}=90.0, $C_{tY}=Y_{tW}:Y_{tN}$=102.1



n0.	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/2,04}$	$(L^*tr)^{1/2,04}-L^*0r$
9	96.0	1.0	90.0	1.0	96.0		1.0	90.0	1,000	0,000
						11.4				
8	84.5	0.875	65.0	0.721	84.5		0.87	65.1	0,876	−0,001
						11.4				
7	73.0	0.75	45.1	0.499	73.1		0.74	45.3	0,751	−0,002
						11.3				
6	61.5	0.625	29.8	0.328	61.7		0.611	30.1	0,627	−0,002
						11.3				
5	50.0	0.5	18.4	0.2	50.4		0.482	18.7	0,501	−0,001
						11.2				
4	38.5	0.375	10.3	0.11	39.1		0.354	10.7	0,374	0,001
						11.0				
3	27.0	0.25	5.0	0.051	28.1		0.229	5.5	0,247	0,002
						10.5				
2	15.5	0.125	2.0	0.017	17.6		0.109	2.4	0,123	0,002
						9.6				
1	4.0	0.0	0.4	0.0	7.9		0.0	0.8	0,000	0,000

ΔL^*_{ta}=11.9 (i=1,2,...,9)

normalisation: $Y_{ta}=Y_{0U}\,\frac{Y_{0i}+Y_{0N}}{Y_{0U}+Y_{0N}}\,\frac{Y_{0U}}{18,7}$ Σ=0,0027

DEN20−3N