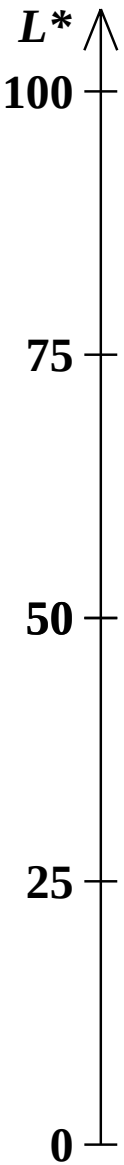
Equal 9 step grey scaling between L^*_N and L^*_W for three reflections of ambient light

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}=46.1, L^*_{tU}=49.9, L^*_{tW}=62.1, Y_{tN}=15.3, Y_{tU}=18.4, Y_{tW}=30.5, $C_{tY}=Y_{tW}:Y_{tN}$=1.9



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	62.1		1.0	30.5	1,000	0,000
						3.7				
8	84.5	0.875	65.0	0.721	58.3		0.763	26.3	0,873	0,001
						3.3				
7	73.0	0.75	45.1	0.499	55.0		0.555	22.9	0,745	0,005
						2.7				
6	61.5	0.625	29.8	0.328	52.2		0.381	20.3	0,617	0,008
						2.2				
5	50.0	0.5	18.4	0.2	49.9		0.241	18.4	0,491	0,009
						1.6				
4	38.5	0.375	10.3	0.11	48.3		0.136	17.0	0,369	0,006
						1.1				
3	27.0	0.25	5.0	0.051	47.1		0.065	16.1	0,255	−0,005
						0.6				
2	15.5	0.125	2.0	0.017	46.4		0.022	15.6	0,148	−0,023
						0.3				
1	4.0	0.0	0.4	0.0	46.1		0.0	15.3	0,010	−0,001

ΔL^*_{ta}=11.9 (i=1,2,...,9)

normalisation: $Y_{ta}=Y_{0U}\,\frac{Y_{0i}+Y_{0N}}{Y_{0U}+Y_{0N}}\,\frac{Y_{0U}}{54,2}$ Σ=0,0027

DEN20−7N