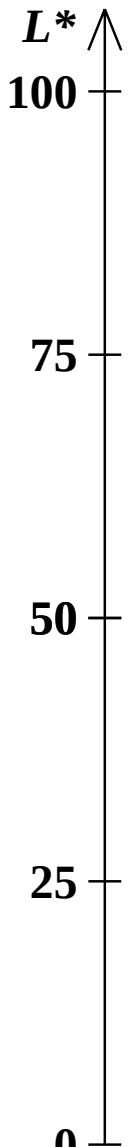
Equal 9 step grey scaling between L^*_N and L^*_W for three reflections of ambient light

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}=50.9, L^*_{tU}=64.5, L^*_{tW}=96.0, Y_{tN}=19.2, Y_{tU}=33.4, Y_{tW}=90.0, C_{tY}=Y_{tW}:Y_{tN}=4.6



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
						8.8				
8	84.5	0.875	65.0	0.721	87.1		0.803	70.2	0,880	−0,005
						8.3				
7	73.0	0.75	45.1	0.499	78.7		0.617	54.5	0,755	−0,006
						7.6				
6	61.5	0.625	29.8	0.328	71.1		0.448	42.4	0,628	−0,003
						6.6				
5	50.0	0.5	18.4	0.2	64.5		0.3	33.4	0,497	0,003
						5.4				
4	38.5	0.375	10.3	0.11	59.0		0.179	27.0	0,368	0,007
						4.0				
3	27.0	0.25	5.0	0.051	54.9		0.089	22.9	0,246	0,004
						2.6				
2	15.5	0.125	2.0	0.017	52.3		0.031	20.4	0,133	−0,008
						1.3				
1	4.0	0.0	0.4	0.0	50.9		0.0	19.2	0,005	−0,005

ΔL^*_{ta}=11.9 **(i=1,2,...,9)** **normalisation:** $Y_{ta}=Y_{0W}\frac{Y_{0i}+Y_{0N}}{Y_{0W}+Y_{0N}}$ Σ=0,0027

DEN31−3N