Equal 9 step grey scaling between L^*_{0aN}=30 & L^*_{0aW}=80.1, Y_{0ref}=1, normalisation white *W*

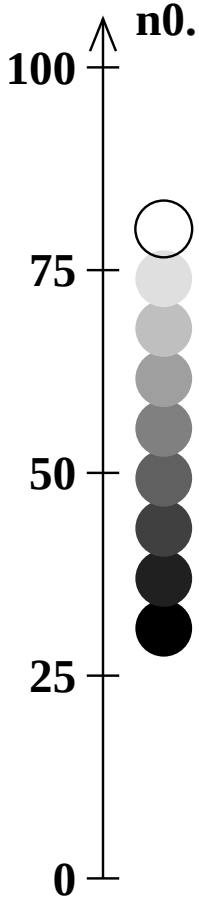
L^*_{0aN}=30.8, L^*_{0aU}=55.5, L^*_{0aW}=80.1, Y_{0aN}=6.7, Y_{0aU}=25.7, Y_{0aW}=60.0, C_{0aY}=Y_{0aW}:Y_{0aN}=9.0

L^*_{taN}=32.5, L^*_{taU}=56.0, L^*_{taW}=80.1, Y_{taN}=7.5, Y_{taU}=26.3, Y_{taW}=60.0, C_{taY}=Y_{taW}:Y_{taN}=7.9

Regularity index according to ISO/IEC 15775:2022, annex G for 5 and 9 steps

g = 100 [ΔL^*_{min}] / [ΔL^*_{max}], $L^*_{TUBsRGB,W}$ = 100 $[Y/Y_n]^{1/ln(10)}$ with Y >= 0,39 = 100/255, Y_n=100*

	$L^*_{TUBsRGB,W}$ intended output				real output					linearized output	
	g^*_5= 99, g^*_9= 99				g^*_5= 95, g^*_9= 94					g^*_5= 96, g^*_9= 94	
n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/1.04}$	L*la	ΔL*la
9	80.1	1.0	60.0	1.0	80.1		1.0	60.0	1.0	80.1	
8	73.9	0.875	49.9	0.811	74.0	6.0	0.873	50.1	0.877	74.3	5.8
7	67.8	0.75	40.8	0.641	68.0	6.0	0.746	41.2	0.754	68.4	5.9
6	61.6	0.625	32.8	0.49	62.0	6.0	0.619	33.3	0.63	62.5	5.9
5	55.5	0.5	25.7	0.358	56.0	6.0	0.493	26.3	0.506	56.6	5.9
4	49.3	0.375	19.6	0.243	50.0	5.9	0.368	20.3	0.381	50.7	5.9
3	43.2	0.25	14.4	0.146	44.1	5.8	0.243	15.2	0.256	44.7	5.9
2	37.0	0.125	10.1	0.065	38.3	5.7	0.12	10.9	0.13	38.7	6.0
1	30.8	0.0	6.7	0.0	32.5		0.0	7.5	0.0	32.5	6.2



ΔL^*_{0a}=6.1 (i=1,2,...,8)

normalisation: $Y_{taiW}=Y_{0aW}\frac{Y_{0ai}+Y_{0ref}}{Y_{0aW}+Y_{0ref}}$