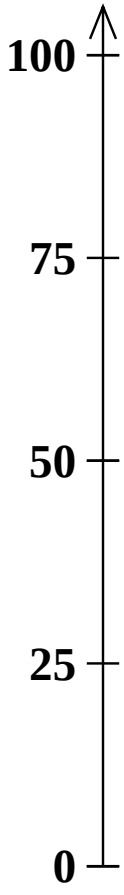
Equal 9 step grey scaling between L^*_{0aN}=23.6 and L^*_{0aW}=95.5, Y_{0ref}=0.9, normalisation grey *U*

L^*_{0aN}=23.6, L^*_{0aU}=59.6, L^*_{0aW}=95.5, Y_{0aN}=3.6, Y_{0aU}=30.3, Y_{0aW}=90.0, C_{0aY}=Y_{0aW}:Y_{0aN}=25.0

L^*_{taN}=25.7, L^*_{taU}=59.6, L^*_{taW}=94.7, Y_{taN}=4.4, Y_{taU}=30.3, Y_{taW}=88.3, C_{taY}=Y_{taW}:Y_{taN}=20.2

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 >= 0,3, Y_n=100



	g^*_5= 99, g^*_9= 99 intended output				g^*_5= 94, g^*_9= 91 real output					g^*_5= 98, g^*_9= 98 linearized output	
n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/1.03}$	L*la	ΔL*la
9	95.5	1.0	90.0	1.0	94.7		1.0	88.3	1.0	94.7	
						8.8					8.5
8	86.5	0.875	71.7	0.788	85.9		0.872	70.5	0.876	86.2	
						8.8					8.6
7	77.5	0.75	55.7	0.603	77.1		0.745	54.9	0.752	77.6	
						8.8					8.6
6	68.5	0.625	41.9	0.443	68.3		0.617	41.6	0.627	69.0	
						8.7					8.6
5	59.6	0.5	30.3	0.309	59.6		0.491	30.3	0.503	60.4	
						8.7					8.6
4	50.6	0.375	20.8	0.199	50.9		0.365	21.1	0.377	51.7	
						8.6					8.7
3	41.6	0.25	13.3	0.112	42.2		0.24	13.7	0.252	43.1	
						8.4					8.7
2	32.6	0.125	7.6	0.046	33.8		0.117	8.2	0.126	34.4	
						8.1					8.7
1	23.6	0.0	3.6	0.0	25.7		0.0	4.4	0.0	25.7	

ΔL^*_{0a}=9.0 (i=1,2,...,8)

normalisation: $Y_{taiU}=Y_{0aU}\frac{Y_{0ai}+Y_{0ref}}{Y_{0aU}+Y_{0ref}}$