Equal 9 step grey scaling between L^*_{0aN}=3.6 and L^*_{0aW}=95.9, Y_{0ref}=20.0, normalisation grey *U*

L^*_{0aN}=3.6, L^*_{0aU}=49.8, L^*_{0aW}=96.0, Y_{0aN}=0.4, Y_{0aU}=18.2, Y_{0aW}=90.0, C_{0aY}=Y_{0aW}:Y_{0aN}=225.0

L^*_{taN}=37.4, L^*_{taU}=49.8, L^*_{taW}=77.6, Y_{taN}=9.7, Y_{taU}=18.2, Y_{taW}=52.5, C_{taY}=Y_{taW}:Y_{taN}=5.4

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

g^* = 100 [ΔL^*_{min}] / [ΔL^*_{max}], L^*_{CIELAB} = 116 [Y/Y_n]$^{1/3}$ – 16 with Y >= 0,882, Y_n=100

L^*_{CIELAB}		**intended output**				**real output**					**linearized output**	
	n0. i	**L*0a**	**L*0r**	**Y0a**	**Y0r**	**L*ta**	**ΔL*ta**	**L*tr**	**Yta**	**(L*tr)$^{1/1.68}$**	**L*la**	**ΔL*la**
100	9	96.0	1.0	90.0	1.0	77.6		1.0	52.5	1.0	77.6	
							7.7					4.8
	8	84.4	0.875	64.9	0.72	69.8		0.808	40.5	0.881	72.8	
							7.3					5.0
75	7	72.9	0.75	45.0	0.498	62.5		0.626	31.0	0.757	67.8	
							6.7					5.1
	6	61.3	0.625	29.6	0.326	55.8		0.458	23.7	0.629	62.6	
							6.0					5.2
50	5	49.8	0.5	18.2	0.199	49.8		0.309	18.2	0.498	57.4	
							5.0					5.2
	4	38.2	0.375	10.2	0.11	44.8		0.186	14.4	0.368	52.2	
							3.7					5.0
25	3	26.7	0.25	5.0	0.051	41.1		0.093	11.9	0.244	47.2	
							2.4					4.5
	2	15.2	0.125	1.9	0.017	38.7		0.032	10.5	0.131	42.6	
							1.3					5.2
0	1	3.6	0.0	0.4	0.0	37.4		0.0	9.7	0.0	37.4	

ΔL^*_{0a}=11.5 (i=1,2,...,8)

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