Equal 9 step grey scaling between L^*_{0aN}=3.6 and L^*_{0aW}=95.9, Y_{0ref}=2.5, 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}=18.1, L^*_{taU}=49.8, L^*_{taW}=92.3, Y_{taN}=2.5, Y_{taU}=18.2, Y_{taW}=81.3, C_{taY}=Y_{taW}:Y_{taN}=31.9

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}		**g^*_5= 99, g^*_9= 99 intended output**				**g^*_5= 58, g^*_9= 48 real output**					**g^*_5= 91, g^*_9= 89 linearized output**	
	n0. i	**L*0a**	**L*0r**	**Y0a**	**Y0r**	**L*ta**	**ΔL*ta**	**L*tr**	**Yta**	**(L*tr)$^{1/1.24}$**	**L*la**	**ΔL*la**
100	9	96.0	1.0	90.0	1.0	92.3		1.0	81.3	1.0	92.3	
							10.8					8.8
	8	84.4	0.875	64.9	0.72	81.5		0.854	59.3	0.88	83.4	
							10.7					9.1
75	7	72.9	0.75	45.0	0.498	70.7		0.709	41.8	0.758	74.3	
							10.6					9.3
	6	61.3	0.625	29.6	0.326	60.1		0.566	28.3	0.632	65.0	
							10.3					9.5
50	5	49.8	0.5	18.2	0.199	49.8		0.427	18.2	0.504	55.5	
							9.9					9.7
	4	38.2	0.375	10.2	0.11	39.9		0.293	11.2	0.372	45.7	
							9.1					9.7
25	3	26.7	0.25	5.0	0.051	30.8		0.171	6.6	0.241	36.0	
							7.5					9.2
	2	15.2	0.125	1.9	0.017	23.3		0.07	3.9	0.117	26.9	
							5.2					8.7
0	1	3.6	0.0	0.4	0.0	18.1		0.0	2.5	0.0	18.1	

ΔL^*_{0a}=11.5 (i=1,2,...,8)

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