Equal 9 step grey scaling between L^*_{0aN}=21 & L^*_{0aW}=107.2, Y_{0ref}=120, normalisation white *W*

L^*_{0aN}=21.3, L^*_{0aU}=64.3, L^*_{0aW}=107.3, Y_{0aN}=3.3, Y_{0aU}=33.2, Y_{0aW}=120.0, C_{0aY}=Y_{0aW}:Y_{0aN}=36.0

L^*_{taN}=82.7, L^*_{taU}=90.1, L^*_{taW}=107.3, Y_{taN}=61.7, Y_{taU}=76.6, Y_{taW}=120.0, C_{taY}=Y_{taW}:Y_{taN}=1.9

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

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

$L^*_{CIELAB,W}$		g^*_5= 99, g^*_9= 99 intended output				g^*_5= 25, g^*_9= 19 real output					g^*_5= 56, g^*_9= 41 linearized output	
	n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	(L*tr)$^{1/2.23}$	L*la	ΔL*la
120												
	9	107.3	1.0	120.0	1.0	107.3		1.0	120.0	1.0	107.3	
							5.1					2.4
90	8	96.5	0.875	91.3	0.754	102.1		0.791	105.6	0.9	104.8	
							4.6					2.5
	7	85.8	0.75	67.5	0.55	97.5		0.603	93.8	0.798	102.3	
							4.0					2.6
	6	75.0	0.625	48.3	0.386	93.5		0.44	84.2	0.692	99.7	
60							3.4					2.6
	5	64.3	0.5	33.2	0.256	90.1		0.301	76.6	0.584	97.1	
							2.7					2.7
	4	53.5	0.375	21.5	0.156	87.4		0.189	70.8	0.474	94.4	
							2.1					2.8
	3	42.8	0.25	13.0	0.083	85.2		0.103	66.5	0.361	91.6	
							1.5					3.0
30	2	32.1	0.125	7.1	0.032	83.7		0.041	63.5	0.238	88.6	
							1.0					5.8
	1	21.3	0.0	3.3	0.0	82.7		0.0	61.7	0.0	82.7	
0												

ΔL^*_{0a}=10.7 (i=1,2,...,8)

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