Equal 9 step grey scaling between L^*_{0aN}=−57.2 and L^*_{0aW}=57.2, Y_{0ref}=3.6, normalisation white *W*

L^*_{0aN}=−57.1, L^*_{0aU}=0.0, L^*_{0aW}=57.2, Y_{0aN}=1.8, Y_{0aU}=18.0, Y_{0aW}=180.0, C_{0aY}=Y_{0aW}:Y_{0aN}=100.0

L^*_{taN}=−30.3, L^*_{taU}=4.0, L^*_{taW}=57.2, Y_{taN}=5.3, Y_{taU}=21.2, Y_{taW}=180.0, C_{taY}=Y_{taW}:Y_{taN}=34.0

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

g^* = 100 [ΔL^*_{min}] / [ΔL^*_{max}], $L^*_{TUBJND1}$ = 40 / log(5) [log (Y/Y_u)] with Y_u=18

$L^*_{TUBJND1}$		**g^*_5= 99, g^*_9= 99 intended output**				**g^*_5= 48, g^*_9= 41 real output**					**g^*_5= 96, g^*_9= 89 linearized output**	
	n0. i	**L*0a**	**L*0r**	**Y0a**	**Y0r**	**L*ta**	**ΔL*ta**	**L*tr**	**Yta**	**$(L^*tr)^{1/1.34}$**	**L*la**	**ΔL*la**
50	9	57.2	1.0	180.0	1.0	57.2		1.0	180.0	1.0	57.2	
							13.9					10.6
	8	42.9	0.875	101.2	0.558	43.3		0.841	102.8	0.879	46.6	
							13.6					10.9
25	7	28.6	0.75	56.9	0.309	29.6		0.685	59.3	0.754	35.7	
							13.2					11.2
	6	14.3	0.625	32.0	0.169	16.5		0.535	34.9	0.626	24.5	
							12.4					11.3
0	5	0.0	0.5	18.0	0.091	4.0		0.393	21.2	0.498	13.2	
							11.3					11.2
	4	−14.2	0.375	10.1	0.047	−7.1		0.264	13.4	0.37	2.0	
							9.7					10.8
−25	3	−28.5	0.25	5.7	0.022	−16.8		0.154	9.1	0.247	−8.7	
							7.7					10.2
	2	−42.8	0.125	3.2	0.008	−24.6		0.065	6.7	0.13	−18.9	
							5.7					11.4
−50	1	−57.1	0.0	1.8	0.0	−30.3		0.0	5.3	0.0	−30.3	

ΔL^*_{0a}=14.3 (i=1,2,...,8)

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