Equal 9 step grey scaling between L^*_{0aN}=−50 & L^*_{0aW}=50.0, Y_{0ref}=4, normalisation white *W*

L^*_{0aN}=−49.9, L^*_{0aU}=0.0, L^*_{0aW}=50.0, Y_{0aN}=4.0, Y_{0aU}=20.0, Y_{0aW}=100.0, C_{0aY}=Y_{0aW}:Y_{0aN}=25.0

L^*_{taN}=−29.6, L^*_{taU}=4.4, L^*_{taW}=50.0, Y_{taN}=7.7, Y_{taU}=23.1, Y_{taW}=100.0, C_{taY}=Y_{taW}:Y_{taN}=13.0

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

g^* = 100 [ΔL^*_{min}] / [ΔL^*_{max}], $L^*_{TUBLOG,Ua}$ = 50 / log(5) [log (Y/Y_u)] with Y_u=20

$L^*_{TUBLOG,Ua}$		**intended output**				**real output**					**linearized output**	
	n0. i	**L*0a**	**L*0r**	**Y0a**	**Y0r**	**L*ta**	**ΔL*ta**	**L*tr**	**Yta**	**(L*tr)$^{1/1.21}$**	**L*la**	**ΔL*la**
50	9	50.0	1.0	100.0	1.0	50.0		1.0	100.0	1.0	50.0	
							11.9					10.0
	8	37.5	0.875	66.9	0.655	38.1		0.85	68.1	0.875	40.0	
							11.6					10.0
25	7	25.0	0.75	44.7	0.424	26.4		0.704	46.8	0.749	30.0	
							11.3					10.1
	6	12.5	0.625	29.9	0.27	15.2		0.563	32.6	0.622	19.9	
							10.7					10.0
0	5	0.0	0.5	20.0	0.167	4.4		0.428	23.1	0.497	9.9	
							10.0					9.9
	4	−12.4	0.375	13.4	0.098	−5.5		0.302	16.7	0.373	0.0	
							9.1					9.7
−25	3	−24.9	0.25	8.9	0.051	−14.6		0.188	12.4	0.251	−9.6	
							8.1					9.5
	2	−37.4	0.125	6.0	0.021	−22.7		0.086	9.6	0.132	−19.0	
							6.9					10.5
−50	1	−49.9	0.0	4.0	0.0	−29.6		0.0	7.7	0.0	−29.6	

g^*_5= 100, g^*_9= 100 **g^*_5= 63, g^*_9= 57** **g^*_5= 97, g^*_9= 89**

ΔL^*_{0a}=12.5 (i=1,2,...,8)

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