Equal 9 step grey scaling between L^*_{0aN}=−52 & L^*_{0aW}=52.9, Y_{0ref}=110, normalisation white *W*

L^*_{0aN}=−52.8, L^*_{0aU}=0.0, L^*_{0aW}=53.0, Y_{0aN}=3.6, Y_{0aU}=20.0, Y_{0aW}=110.0, C_{0aY}=Y_{0aW}:Y_{0aN}=30.2

L^*_{taN}=32.4, L^*_{taU}=36.6, L^*_{taW}=53.0, Y_{taN}=56.8, Y_{taU}=65.0, Y_{taW}=110.0, 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}], $L^*_{TUBLOG,Ua}$ = 50 / log(5) [log (Y/Y_u)] with Y_u=20

$L^*_{TUBLOG,Ua}$		intended output				g^*_5= 99, g^*_9= 99	real output				g^*_5= 12, g^*_9= 8	linearized output		g^*_5= 70, g^*_9= 52
	n0. i	L*0a	L*0r	Y0a	Y0r		L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/2.15}$	L*la	ΔL*la	
60														
	9	53.0	1.0	110.0	1.0		53.0		1.0	110.0	1.0	53.0		
								5.9					3.0	
	8	39.7	0.875	71.8	0.641		47.0		0.712	90.9	0.854	49.9		
30								4.6					2.8	
	7	26.5	0.75	46.9	0.407		42.5		0.488	78.4	0.717	47.1		
								3.4					2.6	
	6	13.2	0.625	30.6	0.254		39.1		0.323	70.3	0.591	44.6		
								2.4					2.3	
0	5	0.0	0.5	20.0	0.154		36.6		0.204	65.0	0.477	42.2		
								1.7					2.1	
	4	−13.1	0.375	13.1	0.089		34.9		0.121	61.5	0.374	40.1		
								1.2					2.0	
	3	−26.4	0.25	8.5	0.046		33.7		0.064	59.3	0.278	38.1		
−30								0.8					2.0	
	2	−39.6	0.125	5.6	0.018		33.0		0.025	57.8	0.182	36.2		
								0.5					3.7	
	1	−52.8	0.0	3.6	0.0		32.4		0.0	56.8	0.0	32.4		
−60														

ΔL^*_{0a}=13.2 (i=1,2,...,8)

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