Equal 9 step grey scaling between L^*_{0aN}=−55 & L^*_{0aW}=55.6, Y_{0ref}=2, normalisation white *W*

L^*_{0aN}=−55.6, L^*_{0aU}=0.0, L^*_{0aW}=55.7, Y_{0aN}=3.3, Y_{0aU}=20.0, Y_{0aW}=120.0, C_{0aY}=Y_{0aW}:Y_{0aN}=36.0

L^*_{taN}=−41.5, L^*_{taU}=2.4, L^*_{taW}=55.7, Y_{taN}=5.2, Y_{taU}=21.6, Y_{taW}=120.0, C_{taY}=Y_{taW}:Y_{taN}=22.9

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

$L^*_{TUBLOG,Ua}$		**g^*_5= 99, g^*_9= 99** intended output				**g^*_5= 73, g^*_9= 68** real output					**g^*_5= 98, g^*_9= 94** linearized output	
	n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/1.14}$	L*la	ΔL*la
60												
	9	55.7	1.0	120.0	1.0	55.7		1.0	120.0	1.0	55.7	
							13.6					12.1
	8	41.7	0.875	76.7	0.628	42.0		0.86	77.4	0.876	43.6	
							13.5					12.2
30	7	27.8	0.75	49.0	0.391	28.5		0.721	50.1	0.75	31.4	
							13.2					12.2
	6	13.9	0.625	31.3	0.24	15.3		0.585	32.7	0.624	19.1	
							12.9					12.3
0	5	0.0	0.5	20.0	0.143	2.4		0.453	21.6	0.498	6.9	
							12.4					12.2
	4	−13.8	0.375	12.8	0.081	−9.8		0.325	14.5	0.373	−5.2	
							11.6					12.0
−30	3	−27.8	0.25	8.1	0.041	−21.5		0.206	10.0	0.249	−17.2	
							10.6					11.8
	2	−41.7	0.125	5.2	0.016	−32.1		0.097	7.1	0.128	−29.0	
							9.4					12.5
−60	1	−55.6	0.0	3.3	0.0	−41.5		0.0	5.2	0.0	−41.5	

ΔL^*_{0a}=13.9 (i=1,2,...,8)

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