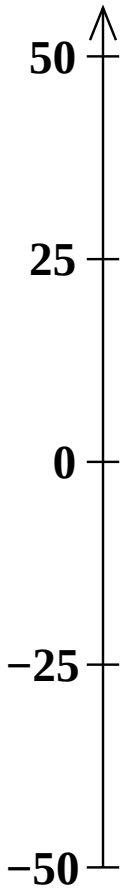
Equal 9 step grey scaling between L^*_{0aN}=−44.5 and L^*_{0aW}=44.5, Y_{0ref}=3.6, normalisation white *W*

L^*_{0aN}=−44.4, L^*_{0aU}=0.0, L^*_{0aW}=44.5, Y_{0aN}=3.0, Y_{0aU}=18.0, Y_{0aW}=108.0, C_{0aY}=Y_{0aW}:Y_{0aN}=36.0

L^*_{taN}=−25.7, L^*_{taU}=3.7, L^*_{taW}=44.5, Y_{taN}=6.4, Y_{taU}=20.9, Y_{taW}=108.0, C_{taY}=Y_{taW}:Y_{taN}=16.9

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



n0. i	L^*_{0a}	L^*_{0r}	Y_{0a}	Y_{0r}	L^*_{ta}	ΔL^*_{ta}	L^*_{tr}	Y_{ta}	$(L^*_{tr})^{1/1.24}$	L^*_{la}	ΔL^*_{la}
	g^*_5= 100, g^*_9= 100				**g^*_5= 59, g^*_9= 53**					**g^*_5= 97, g^*_9= 89**	
	intended output				**real output**					**linearized output**	
9	44.5	1.0	108.0	1.0	44.5		1.0	108.0	1.0	44.5	
						10.7					8.7
8	33.4	0.875	69.0	0.629	33.8		0.848	70.3	0.876	35.8	
						10.4					8.8
7	22.3	0.75	44.1	0.391	23.4		0.699	46.1	0.75	26.9	
						10.1					8.9
6	11.1	0.625	28.2	0.24	13.3		0.556	30.7	0.623	18.0	
						9.6					8.9
5	0.0	0.5	18.0	0.143	3.7		0.419	20.9	0.497	9.1	
						8.9					8.8
4	−11.0	0.375	11.5	0.081	−5.1		0.293	14.6	0.372	0.4	
						8.0					8.5
3	−22.2	0.25	7.3	0.041	−13.1		0.179	10.6	0.25	−8.1	
						6.9					8.3
2	−33.3	0.125	4.7	0.016	−20.0		0.081	8.0	0.132	−16.4	
						5.7					9.3
1	−44.4	0.0	3.0	0.0	−25.7		0.0	6.4	0.0	−25.7	

ΔL^*_{0a}=11.1 (i=1,2,...,8)

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