Equal 9 step grey scaling between L^*_{0aN}=23 & L^*_{0aW}=104.2, Y_{0ref}=110, normalisation white *W*

L^*_{0aN}=23.7, L^*_{0aU}=64.0, L^*_{0aW}=104.2, Y_{0aN}=3.6, Y_{0aU}=35.7, Y_{0aW}=110.0, $C_{0aY}=Y_{0aW}:Y_{0aN}$=30.2

L^*_{taN}=78.2, L^*_{taU}=87.2, L^*_{taW}=104.2, Y_{taN}=56.8, Y_{taU}=72.9, 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

$g^* = 100\ [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBsRGB,W} = 100\ [Y/Y_n]^{1/ln(10)}$ with $Y >= 0{,}39 = 100/255$, Y_n=100

$L^*_{TUBsRGB,W}$ intended output						real output						linearized output	
	g^*_5= 99, g^*_9= 99					**g^*_5= 35, g^*_9= 27**						**g^*_5= 48, g^*_9= 36**	
	n0. i	**L*0a**	**L*0r**	**Y0a**	**Y0r**	**L*ta**	**ΔL*ta**	**L*tr**	**Yta**	**$(L^*tr)^{1/2.15}$**		**L*la**	**ΔL*la**
120													
	9	104.2	1.0	110.0	1.0	104.2		1.0	110.0	1.0		104.2	
							4.9						2.4
90	8	94.2	0.875	87.1	0.784	99.4		0.813	98.5	0.908		101.8	
							4.5						2.5
	7	84.1	0.75	67.1	0.597	94.8		0.64	88.5	0.812		99.3	
							4.1						2.6
	6	74.0	0.625	50.0	0.436	90.8		0.482	80.0	0.713		96.7	
60							3.6						2.7
	5	64.0	0.5	35.7	0.302	87.2		0.343	72.9	0.608		94.0	
							3.1						2.8
	4	53.9	0.375	24.1	0.192	84.1		0.224	67.0	0.499		91.2	
							2.5						3.0
	3	43.8	0.25	15.0	0.107	81.5		0.127	62.5	0.383		88.2	
							1.9						3.4
30	2	33.8	0.125	8.2	0.043	79.6		0.052	59.1	0.253		84.8	
							1.3						6.6
	1	23.7	0.0	3.6	0.0	78.2		0.0	56.8	0.0		78.2	
0													

ΔL^*_{0a}=10.1 (i=1,2,...,8)

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