Equal 9 step grey scaling between $L^*_{0aN}=-34$ & $L^*_{0aW}=34.1$, $Y_{0ref}=60$, normalisation white W

$L^*_{0aN}=-34.0$, $L^*_{0aU}=0.0$, $L^*_{0aW}=34.1$, $Y_{0aN}=6.7$, $Y_{0aU}=20.0$, $Y_{0aW}=60.0$, $C_{0aY}=Y_{0aW}:Y_{0aN}=9.0$

$L^*_{taN}=15.9$, $L^*_{taU}=21.5$, $L^*_{taW}=34.1$, $Y_{taN}=33.3$, $Y_{taU}=40.0$, $Y_{taW}=60.0$, $C_{taY}=Y_{taW}:Y_{taN}=1.8$

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

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

$g^*_5=100$, $g^*_9=100$ $g^*_5=29$, $g^*_9=24$ $g^*_5=78$, $g^*_9=64$

$L^*_{TUBLOG,Ua}$	n0. i	L^*_{0a}	L^*_{0r}	Y_{0a}	Y_{0r}	L^*_{ta}	ΔL^*_{ta}	L^*_{tr}	Y_{ta}	$(L^*_{tr})^{1/1.62}$	L^*_{la}	ΔL^*_{la}
intended output						real output					linearized output	
	9	34.1	1.0	60.0	1.0	34.1		1.0	60.0	1.0	34.1	
							4.0					2.6
	8	25.6	0.875	45.6	0.73	30.1		0.782	52.8	0.859	31.6	
							3.4					2.4
	7	17.1	0.75	34.6	0.524	26.7		0.596	47.3	0.726	29.1	
							2.8					2.3
	6	8.5	0.625	26.3	0.368	23.9		0.44	43.2	0.602	26.9	
							2.4					2.1
	5	0.0	0.5	20.0	0.25	21.5		0.31	40.0	0.485	24.7	
							1.9					2.0
	4	−8.4	0.375	15.2	0.16	19.6		0.205	37.6	0.376	22.7	
							1.5					1.9
	3	−17.0	0.25	11.5	0.091	18.1		0.12	35.8	0.27	20.8	
							1.2					2.0
	2	−25.5	0.125	8.8	0.039	16.8		0.053	34.4	0.163	18.8	
							1.0					3.0
	1	−34.0	0.0	6.7	0.0	15.9		0.0	33.3	0.0	15.9	

$\Delta L^*_{0a}=8.5$ (i=1,2,...,8)

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

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