Equal 9 step grey scaling between $L^*_{0aN}=-27.3$ and $L^*_{0aW}=27.3$, $Y_{0ref}=3.6$, normalisation white W

$L^*_{0aN}=-27.2$, $L^*_{0aU}=0.0$, $L^*_{0aW}=27.3$, $Y_{0aN}=6.0$, $Y_{0aU}=18.0$, $Y_{0aW}=54.0$, $C_{0aY}=Y_{0aW}:Y_{0aN}=9.0$

$L^*_{taN}=-17.1$, $L^*_{taU}=2.9$, $L^*_{taW}=27.3$, $Y_{taN}=9.0$, $Y_{taU}=20.2$, $Y_{taW}=54.0$, $C_{taY}=Y_{taW}:Y_{taN}=6.0$

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

$g^* = 100\ [\Delta L^*_{min}] / [\Delta L^*_{max}], \ L^*_{TUBJND1} = 40 / \log(5) [\log (Y/Y_u)]$ with $Y_u=18$

$g^*_5= 99,\ g^*_9= 99$ $g^*_5= 74,\ g^*_9= 70$ $g^*_5= 96,\ g^*_9= 91$

$L^*_{TUBJND1}$		intended output				real output					linearized output	
	n0. i	L^*_{0a}	L^*_{0r}	Y_{0a}	Y_{0r}	L^*_{ta}	ΔL^*_{ta}	L^*_{tr}	Y_{ta}	$(L^*_{tr})^{1/1.13}$	L^*_{la}	ΔL^*_{la}
	9	27.3	1.0	54.0	1.0	27.3		1.0	54.0	1.0	27.3	
							6.3					5.6
	8	20.5	0.875	41.0	0.73	21.0		0.858	41.8	0.873	21.7	
							6.2					5.6
	7	13.6	0.75	31.2	0.524	14.8		0.718	32.6	0.747	16.0	
							6.0					5.6
	6	6.8	0.625	23.7	0.368	8.7		0.583	25.6	0.621	10.4	
							5.8					5.5
	5	0.0	0.5	18.0	0.25	2.9		0.452	20.2	0.497	4.9	
							5.5					5.5
	4	−6.7	0.375	13.7	0.16	−2.5		0.328	16.2	0.374	−0.5	
							5.2					5.4
	3	−13.6	0.25	10.4	0.091	−7.8		0.21	13.1	0.253	−5.9	
							4.9					5.4
	2	−20.4	0.125	7.9	0.039	−12.7		0.101	10.8	0.132	−11.3	
							4.5					5.9
	1	−27.2	0.0	6.0	0.0	−17.1		0.0	9.0	0.0	−17.1	

$\Delta L^*_{0a}=6.8$ (i=1,2,...,8)

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

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