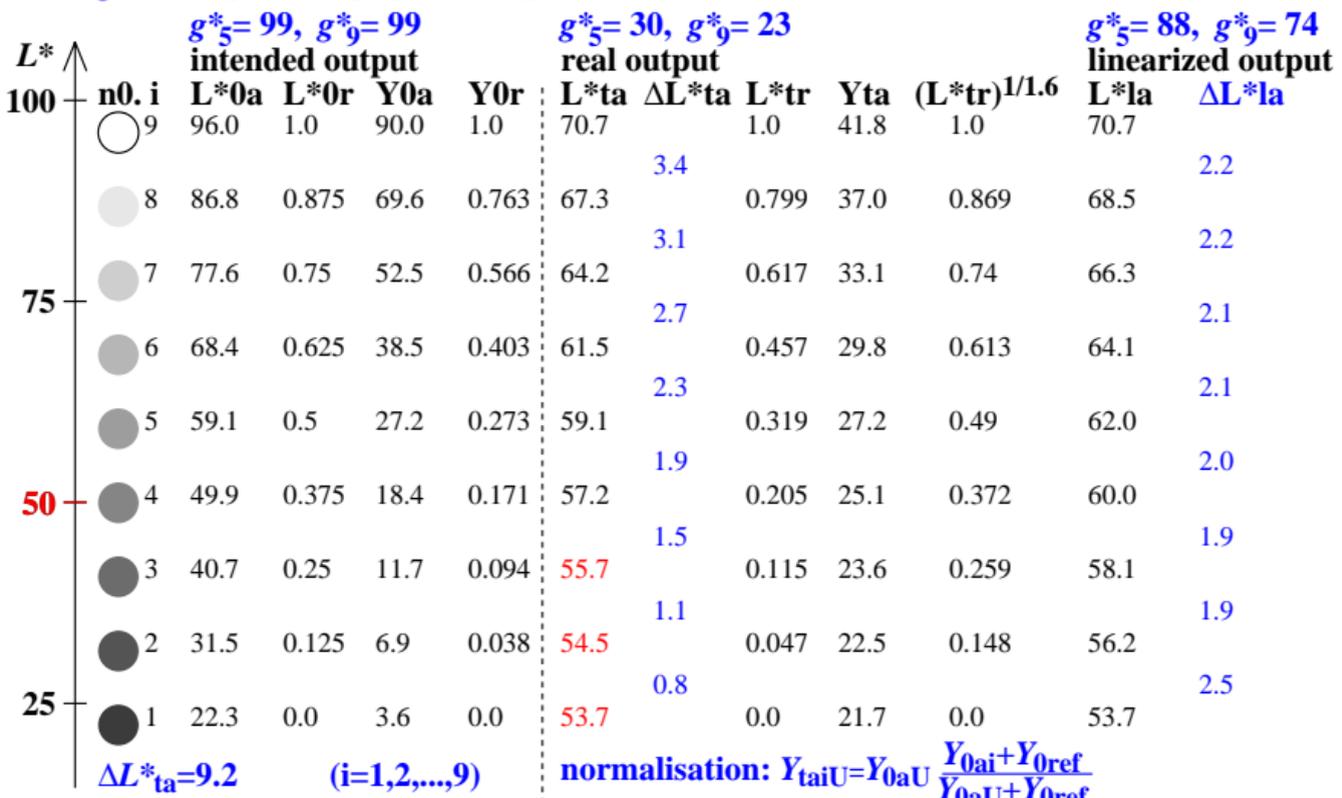**Equal 9 step grey scaling between $L^*_{0aN}=22.3$ and $L^*_{0aW}=96.0$, $Y_{0ref}=90.0$, normalisation: grey U**

$L^*_{0aN}=22.3$, $L^*_{0aU}=59.1$, $L^*_{0aW}=96.0$, $Y_{0aN}=3.6$, $Y_{0aU}=27.2$, $Y_{0aW}=90.0$, $C_{0aY}=Y_{0aW}:Y_{0aN}=25.0$

$L^*_{tN}=53.7$, $L^*_{taU}=59.1$, $L^*_{taW}=70.7$, $Y_{taN}=21.7$, $Y_{taU}=27.2$, $Y_{taW}=41.8$, $C_{taY}=Y_{taW}:Y_{taN}=1.9$

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

$g^* = 100\,[\Delta L^*_{min}\,]\,/\,[\,\Delta L^*_{max}\,]$

	$g^*_5= 99$, $g^*_9= 99$ intended output				$g^*_5= 30$, $g^*_9= 23$ real output					$g^*_5= 88$, $g^*_9= 74$ linearized output		
L^*	n0. i	L^*_{0a}	L^*_{0r}	Y_{0a}	Y_{0r}	L^*_{ta}	ΔL^*_{ta}	L^*_{tr}	Y_{ta}	$(L^*_{tr})^{1/1.6}$	L^*_{la}	ΔL^*_{la}
100	9	96.0	1.0	90.0	1.0	70.7		1.0	41.8	1.0	70.7	
							3.4					2.2
	8	86.8	0.875	69.6	0.763	67.3		0.799	37.0	0.869	68.5	
							3.1					2.2
	7	77.6	0.75	52.5	0.566	64.2		0.617	33.1	0.74	66.3	
75							2.7					2.1
	6	68.4	0.625	38.5	0.403	61.5		0.457	29.8	0.613	64.1	
							2.3					2.1
	5	59.1	0.5	27.2	0.273	59.1		0.319	27.2	0.49	62.0	
							1.9					2.0
50	4	49.9	0.375	18.4	0.171	57.2		0.205	25.1	0.372	60.0	
							1.5					1.9
	3	40.7	0.25	11.7	0.094	55.7		0.115	23.6	0.259	58.1	
							1.1					1.9
	2	31.5	0.125	6.9	0.038	54.5		0.047	22.5	0.148	56.2	
							0.8					2.5
25	1	22.3	0.0	3.6	0.0	53.7		0.0	21.7	0.0	53.7	

$\Delta L^*_{ta}=9.2$ (i=1,2,...,9)   normalisation: $Y_{taiU}=Y_{0aU}\dfrac{Y_{0ai}+Y_{0ref}}{Y_{0aU}+Y_{0ref}}$