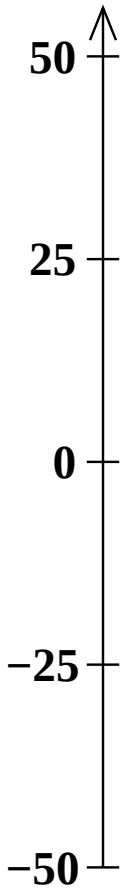
9stufige Grauskalierung zwischen L^*_{0aN}=−40.0 und L^*_{0aW}=40.0, Y_{0ref}=3.6, Normierung Weiß *W*

L^*_{0aN}=−39.9, L^*_{0aU}=0.0, L^*_{0aW}=40.0, Y_{0aN}=3.6, Y_{0aU}=18.0, Y_{0aW}=90.0, C_{0aY}=Y_{0aW}:Y_{0aN}=25.0

L^*_{taN}=−23.7, L^*_{taU}=3.5, L^*_{taW}=40.0, Y_{taN}=6.9, Y_{taU}=20.8, Y_{taW}=90.0, C_{taY}=Y_{taW}:Y_{taN}=13.0

Regularitätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen

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



$L^*_{TUBJND1}$		g^*_5= 100, g^*_9= 100 angestrebte Ausgabe				g^*_5= 63, g^*_9= 57 reale Ausgabe					g^*_5= 97, g^*_9= 89 linearisierte Ausgabe	
	n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/1.21}$	L*la	ΔL*la
	9	40.0	1.0	90.0	1.0	40.0		1.0	90.0	1.0	40.0	
							9.5					8.0
	8	30.0	0.875	60.2	0.655	30.5		0.85	61.3	0.875	32.0	
							9.3					8.0
	7	20.0	0.75	40.2	0.424	21.1		0.704	42.2	0.749	24.0	
							9.0					8.0
	6	10.0	0.625	26.9	0.27	12.1		0.563	29.3	0.622	15.9	
							8.6					8.0
	5	0.0	0.5	18.0	0.167	3.5		0.428	20.8	0.497	7.9	
							8.0					7.9
	4	−9.9	0.375	12.0	0.098	−4.4		0.302	15.0	0.373	0.0	
							7.3					7.7
	3	−19.9	0.25	8.0	0.051	−11.7		0.188	11.2	0.251	−7.6	
							6.5					7.6
	2	−29.9	0.125	5.4	0.021	−18.2		0.086	8.6	0.132	−15.2	
							5.5					8.4
	1	−39.9	0.0	3.6	0.0	−23.7		0.0	6.9	0.0	−23.7	

ΔL^*_{0a}=10.0 (i=1,2,...,8)

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