

9stufige Grauskalierung zwischen $L^*_{0aN}=-40.0$ und $L^*_{0aW}=40.0$, $Y_{0ref}=1.8$, Normierung Weiß W

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

$L^*_{taN}=-30.3$, $L^*_{taU}=1.9$, $L^*_{taW}=40.0$, $Y_{taN}=5.3$, $Y_{taU}=19.4$, $Y_{taW}=90.0$, $C_{taY}=Y_{taW}:Y_{taN}=17.0$

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

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

$g^*_5 = 100$, $g^*_9 = 100$

$g^*_5 = 76$, $g^*_9 = 72$

$g^*_5 = 98$, $g^*_9 = 94$

L* _{TUBJND1} n0. i	angestrebte Ausgabe				reale Ausgabe					linearisierte Ausgabe	
	L* _{0a}	L* _{0r}	Y _{0a}	Y _{0r}	L* _{ta}	ΔL^*_{ta}	L* _{tr}	Y _{ta}	$(L^*_{tr})^{1/1.12}$	L* _{la}	ΔL^*_{la}
○ 9	40.0	1.0	90.0	1.0	40.0		1.0	90.0	1.0	40.0	
● 8	30.0	0.875	60.2	0.655	30.2	9.7	0.861	60.8	0.875	31.2	8.8
● 7	20.0	0.75	40.2	0.424	20.6	9.6	0.724	41.2	0.75	22.4	8.8
● 6	10.0	0.625	26.9	0.27	11.1	9.5	0.59	28.1	0.624	13.5	8.8
● 5	0.0	0.5	18.0	0.167	1.9	9.2	0.458	19.4	0.498	4.7	8.8
● 4	-9.9	0.375	12.0	0.098	-6.9	8.9	0.332	13.6	0.373	-4.0	8.8
● 3	-19.9	0.25	8.0	0.051	-15.4	8.4	0.212	9.6	0.25	-12.7	8.7
● 2	-29.9	0.125	5.4	0.021	-23.2	7.8	0.101	7.0	0.129	-21.3	8.6
● 1	-39.9	0.0	3.6	0.0	-30.3	7.1	0.0	5.3	0.0	-30.3	9.0

$\Delta L^*_{0a}=10.0$ (i=1,2,...,8)

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