

9stufige Grauskalierung zwischen $L^*_{0aN}=-40.0$ und $L^*_{0aW}=40.0$, $Y_{0ref}=0.9$, Normierung Weiß W

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

$L^*_{taN}=-34.6$, $L^*_{taU}=1.0$, $L^*_{taW}=40.0$, $Y_{taN}=4.4$, $Y_{taU}=18.7$, $Y_{taW}=90.0$, $C_{taY}=Y_{taW}:Y_{taN}=20.2$

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 $Y_u=18$

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

$g^*_5 = 86$, $g^*_9 = 83$

$g^*_5 = 99$, $g^*_9 = 97$

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}	$(L^*_{tr})^{1/1.06}$	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	30.1	9.9	0.868	60.5	0.875	30.7	9.3
● 7	20.0	0.75	40.2	0.424	20.3	9.8	0.736	40.7	0.75	21.3	9.3
● 6	10.0	0.625	26.9	0.27	10.6	9.7	0.606	27.5	0.624	11.9	9.4
● 5	0.0	0.5	18.0	0.167	1.0	9.6	0.477	18.7	0.499	2.6	9.4
● 4	-9.9	0.375	12.0	0.098	-8.4	9.4	0.351	12.8	0.374	-6.7	9.3
● 3	-19.9	0.25	8.0	0.051	-17.5	9.1	0.229	8.9	0.25	-15.9	9.3
● 2	-29.9	0.125	5.4	0.021	-26.3	8.8	0.111	6.2	0.127	-25.1	9.2
● 1	-39.9	0.0	3.6	0.0	-34.6	8.3	0.0	4.4	0.0	-34.6	9.5

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

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