

# 9stufige Grauskalierung zwischen $L^*_{0aN}=-27.3$ und $L^*_{0aW}=27.3$ , $Y_{0ref}=1.8$ , Normierung Grau U

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

$L^*_{taN}=-23.1$ ,  $L^*_{taU}=0.0$ ,  $L^*_{taW}=25.7$ ,  $Y_{taN}=7.1$ ,  $Y_{taU}=18.0$ ,  $Y_{taW}=50.7$ ,  $C_{taY}=Y_{taW}:Y_{taN}=7.1$

## 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  $Y_U=18$

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

$g^*_5=84$ ,  $g^*_9=82$

$g^*_5=98$ ,  $g^*_9=95$

L* <sub>TUBJND1</sub> n0. i	angestrebte Ausgabe				reale Ausgabe					linearisierte Ausgabe	
	L* <sub>0a</sub>	L* <sub>0r</sub>	Y <sub>0a</sub>	Y <sub>0r</sub>	L* <sub>ta</sub>	$\Delta L^*_{ta}$	L* <sub>tr</sub>	Y <sub>ta</sub>	$(L^*_{tr})^{1/1.07}$	L* <sub>la</sub>	$\Delta L^*_{la}$
○ 9	27.3	1.0	54.0	1.0	25.7		1.0	50.7	1.0	25.7	
● 8	20.5	0.875	41.0	0.73	19.2	6.6	0.865	38.9	0.874	19.6	6.1
● 7	13.6	0.75	31.2	0.524	12.7	6.5	0.733	30.0	0.748	13.4	6.1
● 6	6.8	0.625	23.7	0.368	6.3	6.4	0.602	23.2	0.623	7.3	6.1
● 5	0.0	0.5	18.0	0.25	0.0	6.3	0.473	18.0	0.498	1.2	6.1
● 4	-6.7	0.375	13.7	0.16	-6.0	6.1	0.348	14.1	0.374	-4.8	6.1
● 3	-13.6	0.25	10.4	0.091	-12.0	5.9	0.227	11.1	0.251	-10.8	6.0
● 2	-20.4	0.125	7.9	0.039	-17.7	5.7	0.111	8.8	0.128	-16.8	6.0
● 1	-27.2	0.0	6.0	0.0	-23.1	5.4	0.0	7.1	0.0	-23.1	6.3

$\Delta L^*_{0a}=6.8$

(i=1,2,...,8)

Normierung:  $Y_{taiU}=Y_{0aU} \frac{Y_{0ai}+Y_{0ref}}{Y_{0aU}+Y_{0ref}}$