

# 9stufige Grauskalierung zwischen $L^*_{0aN}=-44.5$ und $L^*_{0aW}=44.5$ , $Y_{0ref}=0.9$ , Normierung Grau U

$L^*_{0aN}=-44.4$ ,  $L^*_{0aU}=0.0$ ,  $L^*_{0aW}=44.5$ ,  $Y_{0aN}=3.0$ ,  $Y_{0aU}=18.0$ ,  $Y_{0aW}=108.0$ ,  $C_{0aY}=Y_{0aW}:Y_{0aN}=36.0$   
 $L^*_{taN}=-39.1$ ,  $L^*_{taU}=0.0$ ,  $L^*_{taW}=43.5$ ,  $Y_{taN}=3.7$ ,  $Y_{taU}=18.0$ ,  $Y_{taW}=103.7$ ,  $C_{taY}=Y_{taW}:Y_{taN}=27.9$

## 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  $Y_U=18$

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

$g^*_5=84$ ,  $g^*_9=81$

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

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* <sub>tr</sub> ) <sup>1/1.07</sup>	L* <sub>la</sub>	$\Delta L^*_{la}$
50	9	44.5	1.0	108.0	1.0	43.5		1.0	103.7	1.0	43.5	
	8	33.4	0.875	69.0	0.629	32.5	11.0	0.867	66.6	0.875	33.2	10.3
25	7	22.3	0.75	44.1	0.391	21.5	10.9	0.734	42.8	0.75	22.9	10.3
	6	11.1	0.625	28.2	0.24	10.7	10.8	0.603	27.7	0.625	12.5	10.4
0	5	0.0	0.5	18.0	0.143	0.0	10.7	0.474	18.0	0.499	2.1	10.4
	4	-11.0	0.375	11.5	0.081	-10.4	10.5	0.347	11.8	0.374	-8.2	10.4
	3	-22.2	0.25	7.3	0.041	-20.5	10.1	0.225	7.8	0.25	-18.5	10.3
-25	2	-33.3	0.125	4.7	0.016	-30.2	9.6	0.108	5.3	0.126	-28.7	10.2
	1	-44.4	0.0	3.0	0.0	-39.1	9.0	0.0	3.7	0.0	-39.1	10.5

$\Delta L^*_{0a}=11.1$  (i=1,2,...,8)

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