

# 9stufige Grauskalierung zwischen $L^*_{0aN}=-48.3$ und $L^*_{0aW}=48.3$ , $Y_{0ref}=3.6$ , Normierung Weiß W

$L^*_{0aN}=-48.3$ ,  $L^*_{0aU}=0.0$ ,  $L^*_{0aW}=48.4$ ,  $Y_{0aN}=2.6$ ,  $Y_{0aU}=18.0$ ,  $Y_{0aW}=126.0$ ,  $C_{0aY}=Y_{0aW}:Y_{0aN}=49.0$   
 $L^*_{taN}=-27.2$ ,  $L^*_{taU}=3.8$ ,  $L^*_{taW}=48.4$ ,  $Y_{taN}=6.0$ ,  $Y_{taU}=21.0$ ,  $Y_{taW}=126.0$ ,  $C_{taY}=Y_{taW}:Y_{taN}=21.0$

## 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  $Y_u=18$

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

$g^*_5=56$ ,  $g^*_9=49$

$g^*_5=97$ ,  $g^*_9=89$

$L^*_{TUBJND1}$	n0. i	angestrebte Ausgabe				reale Ausgabe					linearisierte Ausgabe	
		$L^*_{0a}$	$L^*_{0r}$	$Y_{0a}$	$Y_{0r}$	$L^*_{ta}$	$\Delta L^*_{ta}$	$L^*_{tr}$	$Y_{ta}$	$(L^*_{tr})^{1/1.27}$	$L^*_{la}$	$\Delta L^*_{la}$
50	9	48.4	1.0	126.0	1.0	48.4		1.0	126.0	1.0	48.4	
	8						11.7					9.3
	7	36.3	0.875	77.4	0.607	36.7		0.846	78.8	0.877	39.0	
25	6	24.2	0.75	47.6	0.365	25.3		0.695	49.8	0.751	29.5	
	5						11.0					9.6
	4	12.1	0.625	29.3	0.216	14.3		0.549	31.9	0.624	19.9	
	3						10.4					9.6
0	2	0.0	0.5	18.0	0.125	3.8		0.411	21.0	0.497	10.3	
	1						9.6					9.5
	8	-12.0	0.375	11.1	0.069	-5.7		0.284	14.2	0.372	0.8	
	7						8.5					9.2
-25	6	-24.1	0.25	6.8	0.034	-14.2		0.171	10.1	0.25	-8.3	
	5						7.2					8.9
	4	-36.2	0.125	4.2	0.013	-21.5		0.076	7.6	0.132	-17.2	
	3						5.8					10.0
-50	2	-48.3	0.0	2.6	0.0	-27.2		0.0	6.0	0.0	-27.2	
	1											

$\Delta L^*_{0a}=12.1$  (i=1,2,...,8)

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