

# 9stufige Grauskalierung zwischen $L^*_{0aN}=14.4$ und $L^*_{0aW}=125$ , $Y_{0ref}=7.2$ , Normierung: Weiß W

$L^*_{0aN}=14.4$ ,  $L^*_{0aU}=69.7$ ,  $L^*_{0aW}=125.1$ ,  $Y_{0aN}=1.8$ ,  $Y_{0aU}=40.4$ ,  $Y_{0aW}=180.0$ ,  $C_{0aY}=Y_{0aW}:Y_{0aN}=100.0$   
 $L^*_{tN}=35.3$ ,  $L^*_{taU}=73.4$ ,  $L^*_{taW}=125.1$ ,  $Y_{taN}=8.6$ ,  $Y_{taU}=45.8$ ,  $Y_{taW}=180.0$ ,  $C_{taY}=Y_{taW}:Y_{taN}=20.8$

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

$$g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$$

$L^*$	n0. i	$g^*_5=99, g^*_9=99$ angestrebte Ausgabe				$g^*_5=58, g^*_9=47$ reale Ausgabe					$g^*_5=93, g^*_9=91$ linearisierte Ausgabe	
		$L^*_{0a}$	$L^*_{0r}$	$Y_{0a}$	$Y_{0r}$	$L^*_{ta}$	$\Delta L^*_{ta}$	$L^*_{tr}$	$Y_{ta}$	$(L^*_{tr})^{1/1.25}$	$L^*_{la}$	$\Delta L^*_{la}$
150	9	125.1	1.0	180.0	1.0	125.1	13.2	1.0	180.0	1.0	125.1	10.8
	8	111.3	0.875	132.0	0.731	111.8	13.1	0.852	133.9	0.88	114.3	11.0
100	7	97.4	0.75	93.5	0.514	98.7	12.9	0.707	96.8	0.757	103.3	11.3
	6	83.6	0.625	63.3	0.345	85.9	12.5	0.563	67.8	0.632	92.0	11.5
	5	69.7	0.5	40.4	0.217	73.4	11.9	0.424	45.8	0.503	80.5	11.7
	4	55.9	0.375	23.8	0.124	61.5	10.8	0.292	29.8	0.373	68.8	11.6
50	3	42.1	0.25	12.5	0.06	50.7	9.0	0.171	19.0	0.243	57.2	11.1
	2	28.2	0.125	5.5	0.021	41.6	6.3	0.07	12.2	0.119	46.0	10.7
0	1	14.4	0.0	1.8	0.0	35.3		0.0	8.6	0.0	35.3	

$$\Delta L^*_{ta}=13.8 \quad (i=1,2,\dots,9)$$

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