

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

$L^*_{0aN}=14.4$ ,  $L^*_{0aU}=69.7$ ,  $L^*_{0aW}=125.1$ ,  $Y_{0aN}=1.8$ ,  $Y_{0aU}=40.4$ ,  $Y_{0aW}=180.0$ ,  $C_{0aY}=Y_{0aW}:Y_{0aN}=100.0$   
 $L^*_{tN}=33.2$ ,  $L^*_{taU}=69.7$ ,  $L^*_{taW}=119.3$ ,  $Y_{taN}=7.6$ ,  $Y_{taU}=40.4$ ,  $Y_{taW}=158.8$ ,  $C_{taY}=Y_{taW}:Y_{taN}=20.8$

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

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

$L^*$	$g^*_5=99$ , $g^*_9=99$				$g^*_5=58$ , $g^*_9=47$					$g^*_5=93$ , $g^*_9=91$		
	n0. i	angestrebte Ausgabe			reale Ausgabe					linearisierte Ausgabe		
	$L^*_{0a}$	$L^*_{0r}$	$Y_{0a}$	$Y_{0r}$	$L^*_{ta}$	$\Delta L^*_{ta}$	$L^*_{tr}$	$Y_{ta}$	$(L^*_{tr})^{1/1.25}$	$L^*_{la}$	$\Delta L^*_{la}$	
150	9	125.1	1.0	180.0	1.0	119.3	12.7	1.0	158.8	1.0	119.3	10.3
	8	111.3	0.875	132.0	0.731	106.6	12.6	0.852	118.2	0.88	109.0	10.6
100	7	97.4	0.75	93.5	0.514	94.1	12.3	0.707	85.4	0.757	98.4	10.8
	6	83.6	0.625	63.3	0.345	81.7	12.0	0.563	59.8	0.632	87.6	11.0
	5	69.7	0.5	40.4	0.217	69.7	11.4	0.424	40.4	0.503	76.6	11.2
	4	55.9	0.375	23.8	0.124	58.3	10.4	0.292	26.3	0.373	65.4	11.2
50	3	42.1	0.25	12.5	0.06	48.0	8.7	0.171	16.8	0.243	54.2	10.7
	2	28.2	0.125	5.5	0.021	39.3	6.0	0.07	10.8	0.119	43.5	10.3
0	1	14.4	0.0	1.8	0.0	33.2		0.0	7.6	0.0	33.2	

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

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