

9stufige Grauskalierung zwischen $L^*_{0aN}=48.3$ und $L^*_{0aW}=48.3$, $Y_{0ref}=3.6$, Normierung Grau U

$L^*_{0aN}=48.3$, $L^*_{0at}=0.0$, $L^*_{0aW}=48.4$, $Y_{0aN}=2.6$, $Y_{0aT}=18.0$, $Y_{0aW}=126.0$, $C_{0aY}=Y_{0aW} \cdot Y_{0aN}=49.0$
 $L^*_{1aN}=31.1$, $L^*_{1aT}=0.0$, $L^*_{1aW}=44.5$, $Y_{1aN}=5.1$, $Y_{1aT}=18.0$, $Y_{1aW}=108.0$, $C_{1aY}=Y_{1aW} \cdot Y_{1aN}=21.0$

Reguläritätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBJNDI} = 40 / \log(5) [\log (Y/Ya)]$ mit $Y_0=18$
 $g^*_5 = 100$, $g^*_6 = 100$ $g^*_5 = 56$, $g^*_6 = 49$ $g^*_5 = 97$, $g^*_6 = 89$

L* _{TUBJNDI}	n0.i	angestrebte Ausgabe				reale Ausgabe				linearisierte Ausgabe					
		L* _{0a}	L* _{0r}	Y _{0a}	Y _{0r}	L* _{1a}	ΔL^*_{1a}	L* _{1r}	Y _{1a}	(L* _{1r}) ^{1/1.27}	L* _{1a}	ΔL^*_{1a}	L* _{1a}	ΔL^*_{1a}	
50	9	48.4	1.0	126.0	1.0	44.5	11.7	108.0	1.0	108.0	1.0	44.5	9.3	47.3	12.0
8	8	36.3	0.875	77.4	0.607	32.9	8.846	67.5	0.877	35.2	9.5	35.3	11.0	35.3	12.0
25	7	24.2	0.75	47.6	0.365	21.4	6.995	42.7	0.751	25.7	9.6	23.4	11.9	23.4	11.9
6	6	12.1	0.625	29.3	0.216	10.4	5.549	27.4	0.624	16.1	9.6	11.6	11.8	11.6	11.8
0	5	0.0	0.5	18.0	0.125	0.0	4.411	18.0	0.497	6.5	9.5	0.0	11.4	0.471	18.0
4	4	-12.0	0.375	11.1	0.069	-9.5	3.284	12.2	0.372	-2.9	9.2	-11.3	10.9	0.344	11.4
-25	3	-24.1	0.25	6.8	0.034	-18.1	2.171	8.7	0.25	-12.1	8.9	-22.2	10.3	0.221	7.3
2	2	-36.2	0.125	4.2	0.013	-25.3	1.076	6.5	0.132	-21.1	10.0	-32.6	9.5	0.106	4.8
-50	1	-48.3	0.0	2.6	0.0	-31.1	0.0	5.1	0.0	-31.1		-42.0	0.0	3.3	0.0

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

9stufige Grauskalierung zwischen $L^*_{0aN}=48.3$ und $L^*_{0aW}=48.3$, $Y_{0ref}=0.9$, Normierung Grau U

$L^*_{0aN}=48.3$, $L^*_{0at}=0.0$, $L^*_{0aW}=48.4$, $Y_{0aN}=2.6$, $Y_{0aT}=18.0$, $Y_{0aW}=126.0$, $C_{0aY}=Y_{0aW} \cdot Y_{0aN}=49.0$
 $L^*_{1aN}=42.0$, $L^*_{1aT}=0.0$, $L^*_{1aW}=47.3$, $Y_{1aN}=3.3$, $Y_{1aT}=18.0$, $Y_{1aW}=120.8$, $C_{1aY}=Y_{1aW} \cdot Y_{1aN}=36.6$

Reguläritätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBJNDI} = 40 / \log(5) [\log (Y/Ya)]$ mit $Y_0=18$
 $g^*_5 = 100$, $g^*_6 = 100$ $g^*_5 = 82$, $g^*_6 = 79$ $g^*_5 = 98$, $g^*_6 = 97$

L* _{TUBJNDI}	n0.i	angestrebte Ausgabe				reale Ausgabe				linearisierte Ausgabe					
		L* _{0a}	L* _{0r}	Y _{0a}	Y _{0r}	L* _{1a}	ΔL^*_{1a}	L* _{1r}	Y _{1a}	(L* _{1r}) ^{1/1.08}	L* _{1a}	ΔL^*_{1a}	L* _{1a}	ΔL^*_{1a}	
50	9	48.4	1.0	126.0	1.0	47.3	12.0	120.8	1.0	120.8	1.0	47.3	11.1	47.3	11.1
8	8	36.3	0.875	77.4	0.607	35.3	11.0	86.6	0.876	36.2	11.2	35.3	11.9	35.3	11.2
25	7	24.2	0.75	47.6	0.365	23.4	11.9	73.3	0.751	25.0	11.2	23.4	11.8	23.4	11.2
6	6	12.1	0.625	29.3	0.216	11.6	11.6	60.1	0.625	13.8	11.3	11.6	11.6	11.6	11.3
0	5	0.0	0.5	18.0	0.125	0.0	11.4	47.1	0.499	2.5	11.2	0.0	11.4	0.471	18.0
4	4	-12.0	0.375	11.1	0.069	-11.3	10.9	34.4	0.373	-8.6	11.1	-11.3	10.9	0.344	11.4
-25	3	-24.1	0.25	6.8	0.034	-22.2	10.3	22.1	0.25	-19.8	11.0	-22.2	10.3	0.221	7.3
2	2	-36.2	0.125	4.2	0.013	-32.6	9.5	10.6	0.126	-30.8	11.3	-32.6	9.5	0.106	4.8
-50	1	-48.3	0.0	2.6	0.0	-42.0	0.0	3.3	0.0	-42.0		-42.0	0.0	3.3	0.0

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

9stufige Grauskalierung zwischen $L^*_{0aN}=48.3$ und $L^*_{0aW}=48.3$, $Y_{0ref}=1.8$, Normierung Grau U

$L^*_{0aN}=48.3$, $L^*_{0at}=0.0$, $L^*_{0aW}=48.4$, $Y_{0aN}=2.6$, $Y_{0aT}=18.0$, $Y_{0aW}=126.0$, $C_{0aY}=Y_{0aW} \cdot Y_{0aN}=49.0$
 $L^*_{1aN}=37.5$, $L^*_{1aT}=0.0$, $L^*_{1aW}=46.3$, $Y_{1aN}=4.0$, $Y_{1aT}=18.0$, $Y_{1aW}=116.2$, $C_{1aY}=Y_{1aW} \cdot Y_{1aN}=29.2$

Reguläritätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBJNDI} = 40 / \log(5) [\log (Y/Ya)]$ mit $Y_0=18$
 $g^*_5 = 100$, $g^*_6 = 100$ $g^*_5 = 71$, $g^*_6 = 65$ $g^*_5 = 98$, $g^*_6 = 94$

L* _{TUBJNDI}	n0.i	angestrebte Ausgabe				reale Ausgabe				linearisierte Ausgabe					
		L* _{0a}	L* _{0r}	Y _{0a}	Y _{0r}	L* _{1a}	ΔL^*_{1a}	L* _{1r}	Y _{1a}	(L* _{1r}) ^{1/1.15}	L* _{1a}	ΔL^*_{1a}	L* _{1a}	ΔL^*_{1a}	
50	9	48.4	1.0	126.0	1.0	46.3	11.9	116.2	1.0	116.2	1.0	46.3	10.4	46.3	10.4
8	8	36.3	0.875	77.4	0.607	34.5	11.7	85.8	0.876	36.0	10.5	34.5	11.9	34.5	10.5
25	7	24.2	0.75	47.6	0.365	22.7	11.5	71.8	0.751	25.5	10.6	22.7	11.5	22.7	10.6
6	6	12.1	0.625	29.3	0.216	11.2	11.2	58.1	0.625	14.9	10.6	11.2	11.2	11.2	10.6
0	5	0.0	0.5	18.0	0.125	0.0	10.7	44.7	0.499	4.3	10.5	0.0	10.7	0.447	18.0
4	4	-12.0	0.375	11.1	0.069	-10.6	10.0	3.2	0.373	-6.2	10.4	-10.6	10.0	0.32	11.7
-25	3	-24.1	0.25	6.8	0.034	-20.6	9.0	2.7	0.25	-16.6	10.1	-20.6	9.0	0.2	7.8
2	2	-36.2	0.125	4.2	0.013	-29.7	7.8	0.9	0.128	-26.7	10.7	-29.7	7.8	0.093	5.4
-50	1	-48.3	0.0	2.6	0.0	-37.5	0.0	4.0	0.0	-37.5		-37.5	0.0	4.0	0.0

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

9stufige Grauskalierung zwischen $L^*_{0aN}=48.3$ und $L^*_{0aW}=48.3$, $Y_{0ref}=126.0$, Normierung Grau U

$L^*_{0aN}=48.3$, $L^*_{0at}=0.0$, $L^*_{0aW}=48.4$, $Y_{0aN}=2.6$, $Y_{0aT}=18.0$, $Y_{0aW}=126.0$, $C_{0aY}=Y_{0aW} \cdot Y_{0aN}=49.0$
 $L^*_{1aN}=2.7$, $L^*_{1aT}=0.0$, $L^*_{1aW}=13.9$, $Y_{1aN}=16.1$, $Y_{1aT}=18.0$, $Y_{1aW}=31.5$, $C_{1aY}=Y_{1aW} \cdot Y_{1aN}=2.0$

Reguläritätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBJNDI} = 40 / \log(5) [\log (Y/Ya)]$ mit $Y_0=18$
 $g^*_5 = 100$, $g^*_6 = 100$ $g^*_5 = 8$, $g^*_6 = 5$ $g^*_5 = 67$, $g^*_6 = 49$

L* _{TUBJNDI}	n0.i	angestrebte Ausgabe				reale Ausgabe				linearisierte Ausgabe					
		L* _{0a}	L* _{0r}	Y _{0a}	Y _{0r}	L* _{1a}	ΔL^*_{1a}	L* _{1r}	Y _{1a}	(L* _{1r}) ^{1/2.39}	L* _{1a}	ΔL^*_{1a}	L* _{1a}	ΔL^*_{1a}	
50	9	48.4	1.0	126.0	1.0	13.9	5.3	31.5	1.0	31.5	1.0	13.9	2.5	13.9	2.5
8	8	36.3	0.875	77.4	0.607	8.6	3.9	6.82	0.876	8.6	2.3	8.6	3.9	6.82	2.54
25	7	24.2	0.75	47.6	0.365	4.6	2.8	4.46	0.751	4.6	2.1	4.6	2.8	4.46	2.17
6	6	12.1	0.625	29.3	0.216	1.9	1.9	2.8	0.625	1.9	1.9	1.9	1.9	2.8	1.94
0	5	0.0	0.5	18.0	0.125	0.0	1.2	1.68	0.499	0.0	1.7	0.0	1.2	1.68	0.474
4	4	-12.0	0.375	11.1	0.069	-1.1	0.8	0.95	0.373	3.4	1.5	-1.1	0.8	0.95	1.71
-25	3	-24.1	0.25	6.8	0.034	-1.9	0.5	0.48	0.251	1.9	1.5	-1.9	0.5	0.48	1.66
2	2	-36.2	0.125	4.2	0.013	-2.4	0.3	0.18	0.128	0.3	1.5	-2.4	0.3	0.18	1.63
-50	1	-48.3	0.0	2.6	0.0	-2.7	0.0	16.1	0.0	-2.7		-2.7	0.0	16.1	0.0

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