

Technische Information: http://farbe.li.tu-berlin.de/igds.htm

TUB-Registrierung: 2025/2021-igd1/igd10n1.txt / ps
 Anwendung für Breitleitung und Messung von Display- oder Druck-Ausgabe

9stufige Grauskalierung zwischen $L_{0a}^* = 50$ & $L_{0aW}^* = 50.0$, $Y_{0ref} = 2$, Normierung Weiß W

$L_{0a}^* = 49.9$, $L_{0aU}^* = 0.0$, $L_{0aW}^* = 50.0$, $Y_{0aN} = 4.0$, $Y_{0aU} = 20.0$, $Y_{0aW} = 100.0$, $C_{0aY} = Y_{0aW} : Y_{0aN} = 25.0$
 $L_{0a}^* = -29.6$, $L_{0a}^* = 4.4$, $L_{0a}^* = 50.0$, $Y_{0aN} = 7.7$, $Y_{0aU} = 23.1$, $Y_{0aW} = 100.0$, $C_{0aY} = Y_{0aW} : Y_{0aN} = 13.0$

Regularitätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100$ [ΔL^*_{min}] / [ΔL^*_{max}], $L^*_{TUBLOG,Ua} = 50 / \log(5)$ [log (Y/Y_a)] mit $Y_a = 20$
 $g^*_5 = 100$, $g^*_9 = 100$
 $g^*_5 = 63$, $g^*_9 = 57$

n	angestrebte Ausgabe					reale Ausgabe					linearisierte Ausgabe				
	L^*_{0a}	L^*_{0a}	L^*_{0r}	Y_{0a}	Y_{0r}	L^*_{0a}	ΔL^*_{0a}	L^*_{0r}	Y_{0a}	$(L^*_{0r})^{1/1.21}$	L^*_{0a}	ΔL^*_{0a}	L^*_{0r}	Y_{0a}	$(L^*_{0r})^{1/1.21}$
50	9	50.0	1.0	100.0	1.0	50.0	11.9	1.0	100.0	1.0	50.0	10.0	1.0	100.0	1.0
25	8	37.5	0.875	66.9	0.655	38.1	0.85	68.1	0.875	40.0	10.0	10.0	10.0	10.0	10.0
	7	25.0	0.75	44.7	0.424	26.4	11.6	0.704	46.8	0.749	30.0	10.1	10.1	10.1	10.1
	6	12.5	0.625	29.9	0.27	15.2	11.3	0.563	32.6	0.622	19.9	10.0	10.0	10.0	10.0
0	5	0.0	0.5	20.0	0.167	4.4	10.0	0.428	23.1	0.497	9.9	9.9	9.9	9.9	9.9
	4	-12.4	0.375	13.4	0.098	-5.5	9.1	0.302	16.7	0.373	0.0	9.7	9.7	9.7	9.7
	3	-24.9	0.25	8.9	0.051	-14.6	8.1	0.188	12.4	0.251	-9.6	9.5	9.5	9.5	9.5
-25	2	-37.4	0.125	6.0	0.021	-22.7	6.9	0.086	9.6	0.132	-19.0	10.5	10.5	10.5	10.5
	1	-49.9	0.0	4.0	0.0	-29.6	0.0	7.7	0.0	-29.6	10.5	10.5	10.5	10.5	10.5
	0	-49.9	0.0	4.0	0.0	-29.6	0.0	7.7	0.0	-29.6	10.5	10.5	10.5	10.5	10.5

$\Delta L^*_{0a} = 12.5$ (i=1,2,...,8) Normierung: $Y_{0aW} = Y_{0aW}$ $Y_{0aU} + Y_{0ref}$ / $Y_{0aW} + Y_{0ref}$

9stufige Grauskalierung zwischen $L_{0a}^* = 50$ & $L_{0aW}^* = 50.0$, $Y_{0ref} = 2$, Normierung Weiß W

$L_{0a}^* = 49.9$, $L_{0aU}^* = 0.0$, $L_{0aW}^* = 50.0$, $Y_{0aN} = 4.0$, $Y_{0aU} = 20.0$, $Y_{0aW} = 100.0$, $C_{0aY} = Y_{0aW} : Y_{0aN} = 25.0$
 $L_{0a}^* = -37.9$, $L_{0a}^* = 2.3$, $L_{0a}^* = 50.0$, $Y_{0aN} = 5.9$, $Y_{0aU} = 21.6$, $Y_{0aW} = 100.0$, $C_{0aY} = Y_{0aW} : Y_{0aN} = 17.0$

Regularitätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100$ [ΔL^*_{min}] / [ΔL^*_{max}], $L^*_{TUBLOG,Ua} = 50 / \log(5)$ [log (Y/Y_a)] mit $Y_a = 20$
 $g^*_5 = 100$, $g^*_9 = 100$
 $g^*_5 = 76$, $g^*_9 = 72$

n	angestrebte Ausgabe					reale Ausgabe					linearisierte Ausgabe				
	L^*_{0a}	L^*_{0a}	L^*_{0r}	Y_{0a}	Y_{0r}	L^*_{0a}	ΔL^*_{0a}	L^*_{0r}	Y_{0a}	$(L^*_{0r})^{1/1.12}$	L^*_{0a}	ΔL^*_{0a}	L^*_{0r}	Y_{0a}	$(L^*_{0r})^{1/1.12}$
50	9	50.0	1.0	100.0	1.0	50.0	12.2	1.0	100.0	1.0	50.0	11.0	1.0	100.0	1.0
25	8	37.5	0.875	66.9	0.655	37.8	0.861	67.5	0.875	39.0	11.0	11.0	11.0	11.0	11.0
	7	25.0	0.75	44.7	0.424	25.7	11.8	0.724	45.8	0.75	28.0	11.1	11.1	11.1	11.1
	6	12.5	0.625	29.9	0.27	13.9	11.5	0.59	31.3	0.624	16.9	11.0	11.0	11.0	11.0
0	5	0.0	0.5	20.0	0.167	2.3	11.1	0.458	21.6	0.498	5.8	11.0	11.0	11.0	11.0
	4	-12.4	0.375	13.4	0.098	-8.7	10.6	0.332	15.1	0.373	-5.0	10.8	10.8	10.8	10.8
	3	-24.9	0.25	8.9	0.051	-19.3	9.8	0.212	10.7	0.25	-15.9	10.7	10.7	10.7	10.7
-25	2	-37.4	0.125	6.0	0.021	-29.1	8.9	0.101	7.8	0.129	-26.6	11.3	11.3	11.3	11.3
	1	-49.9	0.0	4.0	0.0	-37.9	0.0	5.9	0.0	-37.9	11.3	11.3	11.3	11.3	11.3
	0	-49.9	0.0	4.0	0.0	-37.9	0.0	5.9	0.0	-37.9	11.3	11.3	11.3	11.3	11.3

$\Delta L^*_{0a} = 12.5$ (i=1,2,...,8) Normierung: $Y_{0aW} = Y_{0aW}$ $Y_{0aU} + Y_{0ref}$ / $Y_{0aW} + Y_{0ref}$

9stufige Grauskalierung zwischen $L_{0a}^* = 50$ & $L_{0aW}^* = 50.0$, $Y_{0ref} = 1$, Normierung Weiß W

$L_{0a}^* = 49.9$, $L_{0aU}^* = 0.0$, $L_{0aW}^* = 50.0$, $Y_{0aN} = 4.0$, $Y_{0aU} = 20.0$, $Y_{0aW} = 100.0$, $C_{0aY} = Y_{0aW} : Y_{0aN} = 25.0$
 $L_{0a}^* = -43.3$, $L_{0a}^* = 1.2$, $L_{0a}^* = 50.0$, $Y_{0aN} = 4.9$, $Y_{0aU} = 20.8$, $Y_{0aW} = 100.0$, $C_{0aY} = Y_{0aW} : Y_{0aN} = 20.2$

Regularitätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100$ [ΔL^*_{min}] / [ΔL^*_{max}], $L^*_{TUBLOG,Ua} = 50 / \log(5)$ [log (Y/Y_a)] mit $Y_a = 20$
 $g^*_5 = 100$, $g^*_9 = 100$
 $g^*_5 = 86$, $g^*_9 = 83$

n	angestrebte Ausgabe					reale Ausgabe					linearisierte Ausgabe				
	L^*_{0a}	L^*_{0a}	L^*_{0r}	Y_{0a}	Y_{0r}	L^*_{0a}	ΔL^*_{0a}	L^*_{0r}	Y_{0a}	$(L^*_{0r})^{1/1.06}$	L^*_{0a}	ΔL^*_{0a}	L^*_{0r}	Y_{0a}	$(L^*_{0r})^{1/1.06}$
50	9	50.0	1.0	100.0	1.0	50.0	12.3	1.0	100.0	1.0	50.0	11.6	1.0	100.0	1.0
25	8	37.5	0.875	66.9	0.655	37.6	12.3	0.868	67.2	0.875	38.3	11.7	11.7	11.7	11.7
	7	25.0	0.75	44.7	0.424	25.4	12.2	0.736	45.3	0.75	26.6	11.7	11.7	11.7	11.7
	6	12.5	0.625	29.9	0.27	13.2	12.0	0.606	30.6	0.624	14.9	11.7	11.7	11.7	11.7
0	5	0.0	0.5	20.0	0.167	1.2	11.8	0.477	20.8	0.499	3.2	11.7	11.7	11.7	11.7
	4	-12.4	0.375	13.4	0.098	-10.5	11.4	0.351	14.2	0.374	-8.4	11.6	11.6	11.6	11.6
	3	-24.9	0.25	8.9	0.051	-21.9	11.0	0.229	9.8	0.25	-20.0	11.5	11.5	11.5	11.5
-25	2	-37.4	0.125	6.0	0.021	-32.9	10.4	0.111	6.9	0.127	-31.5	11.8	11.8	11.8	11.8
	1	-49.9	0.0	4.0	0.0	-43.3	0.0	4.9	0.0	-43.3	11.8	11.8	11.8	11.8	11.8
	0	-49.9	0.0	4.0	0.0	-43.3	0.0	4.9	0.0	-43.3	11.8	11.8	11.8	11.8	11.8

$\Delta L^*_{0a} = 12.5$ (i=1,2,...,8) Normierung: $Y_{0aW} = Y_{0aW}$ $Y_{0aU} + Y_{0ref}$ / $Y_{0aW} + Y_{0ref}$

9stufige Grauskalierung zwischen $L_{0a}^* = 50$ & $L_{0aW}^* = 50.0$, $Y_{0ref} = 100$, Normierung Weiß W

$L_{0a}^* = 49.9$, $L_{0aU}^* = 0.0$, $L_{0aW}^* = 50.0$, $Y_{0aN} = 4.0$, $Y_{0aU} = 20.0$, $Y_{0aW} = 100.0$, $C_{0aY} = Y_{0aW} : Y_{0aN} = 25.0$
 $L_{0a}^* = -29.7$, $L_{0a}^* = 34.1$, $L_{0a}^* = 50.0$, $Y_{0aN} = 52.0$, $Y_{0aU} = 60.0$, $Y_{0aW} = 100.0$, $C_{0aY} = Y_{0aW} : Y_{0aN} = 1.9$

Regularitätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100$ [ΔL^*_{min}] / [ΔL^*_{max}], $L^*_{TUBLOG,Ua} = 50 / \log(5)$ [log (Y/Y_a)] mit $Y_a = 20$
 $g^*_5 = 100$, $g^*_9 = 100$
 $g^*_5 = 14$, $g^*_9 = 10$

n	angestrebte Ausgabe					reale Ausgabe					linearisierte Ausgabe				
	L^*_{0a}	L^*_{0a}	L^*_{0r}	Y_{0a}	Y_{0r}	L^*_{0a}	ΔL^*_{0a}	L^*_{0r}	Y_{0a}	$(L^*_{0r})^{1/2.06}$	L^*_{0a}	ΔL^*_{0a}	L^*_{0r}	Y_{0a}	$(L^*_{0r})^{1/2.06}$
50	9	50.0	1.0	100.0	1.0	50.0	5.6	1.0	100.0	1.0	50.0	2.9	1.0	100.0	1.0
25	8	37.5	0.875	66.9	0.655	44.4	4.4	0.723	83.4	0.854	47.0	2.8	2.8	2.8	2.8
	7	25.0	0.75	44.7	0.424	39.9	3.3	0.505	72.4	0.718	44.3	2.5	2.5	2.5	2.5
	6	12.5	0.625	29.9	0.27	36.6	2.5	0.34	64.9	0.592	41.7	2.3	2.3	2.3	2.3
0	5	0.0	0.5	20.0	0.167	34.1	1.8	0.219	60.0	0.478	39.4	2.1	2.1	2.1	2.1
	4	-12.4	0.375	13.4	0.098	32.4	1.2	0.132	56.7	0.374	37.3	2.0	2.0	2.0	2.0
	3	-24.9	0.25	8.9	0.051	31.1	0.8	0.071	54.5	0.277	35.3	2.0	2.0	2.0	2.0
-25	2	-37.4	0.125	6.0	0.021	30.3	0.6	0.029	53.0	0.179	33.3	2.0	2.0	2.0	2.0
	1	-49.9	0.0	4.0	0.0	29.7	0.0	0.0	52.0	0.0	29.7	2.0	2.0	2.0	2.0
	0	-49.9	0.0	4.0	0.0	29.7	0.0	0.0	52.0	0.0	29.7	2.0	2.0	2.0	2.0

$\Delta L^*_{0a} = 12.5$ (i=1,2,...,8) Normierung: $Y_{0aW} = Y_{0aW}$ $Y_{0aU} + Y_{0ref}$ / $Y_{0aW} + Y_{0ref}$