Unterstützungsdokumentation

Klasseneinteilung und Farbtabellen für den KOSTRA-DWD-2010R Datensatz

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Klassenbreiten für Starkniederschlagshöhen (in mm) laut KOSTRA-DWD-2010R (Stand: 19.10.2017)

Generelles Prinzip:

```
von   0,0 mm bis  12,0 mm: Klassenbreite  0,5 mm
von  12,0 mm bis  20,0 mm: Klassenbreite  1,0 mm
von  20,0 mm bis  28,0 mm: Klassenbreite  2,0 mm
von  28,0 mm bis  40,0 mm: Klassenbreite  4,0 mm
von  40,0 mm bis  60,0 mm: Klassenbreite  5,0 mm
von  60,0 mm bis 100,0 mm: Klassenbreite 10,0 mm
von 100,0 mm bis 200,0 mm: Klassenbreite 20,0 mm
von 200,0 mm bis 400,0 mm: Klassenbreite 40,0 mm
von 400,0 mm bis 500,0 mm: Klassenbreite 50,0 mm
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Die Anzahl der Farbkategorien wird auf die benötigte Zahl reduziert. Bei T = 1 a bis T = 5 a werden eher hohe Farbklassen ausgelassen und bei T = 10 a bis T = 100 a eher niedrigere.

Für die folgenden Tabellen gilt folgendes Beispiel: „`7.5 – 8.0`" bedeutet „> 7,5 bis ≤ 8,0"

Dauerstufe D=5min

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					4.0	5.1	5.8	6.6	7.6	8.7	9.4	10.1	11.2
1	31	Red4	139 0 0						7.5 – 8.0	8.5 – 9.0	9.0 – 9.5	10.0 – 10.5	11.0 – 11.5
2	32	Red1	255 0 0						8.0 – 8.5	9.0 – 9.5	9.5 – 10.0		
3	33	IndianRed	205 92 92		3.5 – 4.0	5.0 – 5.5	5.5 – 6.0	6.5 – 7.0	8.5 – 9.0	9.5 – 10.0	10.0 – 10.5	10.5 – 11.0	11.5 – 12.0
4	34	(Coral)	255 127 80		4.0 – 4.5	5.5 – 6.0	6.0 – 6.5	7.0 – 7.5	9.0 – 9.5	10.0 – 10.5	10.5 – 11.0	11.0 – 11.5	12.0 – 13.0
5	35	Orange1	255 165 0		4.5 – 5.0	6.0 – 6.5	6.5 – 7.0	7.5 – 8.0	9.5 – 10.0	10.5 – 11.0	11.0 – 11.5	11.5 – 12.0	13.0 – 14.0
6	36	Yellow1	255 255 0		5.0 – 5.5	6.5 – 7.0	7.0 – 7.5	8.0 – 8.5	10.0 – 10.5	11.0 – 11.5	11.5 – 12.0	12.0 – 13.0	14.0 – 15.0
7	37	(GreenYellow)	173 255 47			7.0 – 7.5	7.5 – 8.0	8.5 – 9.0	10.5 – 11.0	11.5 – 12.0	12.0 – 13.0	13.0 – 14.0	15.0 – 16.0
8	38	PaleGreen	152 251 152		5.5 – 6.0	7.5 – 8.0	8.0 – 8.5	9.0 – 9.5	11.0 – 11.5	12.0 – 13.0	13.0 – 14.0	14.0 – 15.0	16.0 – 17.0
9	39	(Green1)	0 255 0			8.0 – 8.5	8.5 – 9.0	9.5 – 10.0	11.5 – 12.0	13.0 – 14.0	14.0 – 15.0	15.0 – 16.0	17.0 – 18.0
10	40	Green3	0 205 0		6.0 – 6.5	8.5 – 9.0	9.0 – 9.5	10.0 – 10.5	12.0 – 13.0	14.0 – 15.0	15.0 – 16.0	16.0 – 17.0	18.0 – 19.0
11	41	(MediumTurquoise)	72 209 204			9.0 – 9.5	9.5 – 10.0	10.5 – 11.0	13.0 – 14.0	15.0 – 16.0	16.0 – 17.0	17.0 – 18.0	19.0 – 20.0
12	42	Cyan1	0 255 255		6.5 – 7.0	9.5 – 10.0	10.0 – 10.5	11.0 – 11.5	14.0 – 15.0	16.0 – 17.0	17.0 – 18.0	18.0 – 19.0	20.0 – 22.0
13	43	(Azure)	0 127 255				10.5 – 11.0	11.5 – 12.0	15.0 – 16.0	17.0 – 18.0	18.0 – 19.0	19.0 – 20.0	22.0 – 24.0
14	44	Royal Blue	65 105 225		7.0 – 7.5	10.0 – 10.5	11.0 – 11.5	12.0 – 13.0	16.0 – 17.0	18.0 – 19.0	19.0 – 20.0	20.0 – 22.0	24.0 – 26.0
15	45	(Violet)	238 130 238				11.5 – 12.0	13.0 – 14.0	17.0 – 18.0	19.0 – 20.0	20.0 – 22.0	22.0 – 24.0	26.0 – 28.0
16	46	Dark Violet	148 0 211		7.5 – 8.0	10.5 – 11.0	12.0 – 13.0	14.0 – 15.0	18.0 – 19.0	20.0 – 22.0	22.0 – 24.0	24.0 – 26.0	28.0 – 32.0
MAX					7.7	10.8	12.7	15.0	18.1	21.2	23.0	25.4	28.6

Dauerstufe D=10min

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					6.7	8.3	9.3	10.4	12.0	13.6	14.5	15.6	17.2
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		6.5 – 7.0	8.0 – 8.5	9.0 – 9.5	10.0 – 10.5	11.5 – 12.0	13.0 – 14.0	14.0 – 15.0	15.0 – 16.0	17.0 – 18.0
4	34	(Coral)	255 127 80		7.0 – 7.5	8.5 – 9.0	9.5 – 10.0	10.5 – 11.0					
5	35	Orange1	255 165 0		7.5 – 8.0	9.0 – 9.5	10.0 – 10.5	11.0 – 11.5	12.0 – 13.0	14.0 – 15.0	15.0 – 16.0	16.0 – 17.0	18.0 – 19.0
6	36	Yellow1	255 255 0		8.0 – 8.5	9.5 – 10.0	10.5 – 11.0	11.5 – 12.0	13.0 – 14.0	15.0 – 16.0	16.0 – 17.0	17.0 – 18.0	19.0 – 20.0
7	37	(GreenYellow)	173 255 47		8.5 – 9.0	10.0 – 10.5	11.0 – 11.5	12.0 – 13.0					
8	38	PaleGreen	152 251 152		9.0 – 9.5	10.5 – 11.0	11.5 – 12.0	13.0 – 14.0	14.0 – 15.0	16.0 – 17.0	17.0 – 18.0	18.0 – 19.0	20.0 – 22.0
9	39	(Green1)	0 255 0		9.5 – 10.0	11.0 – 11.5	12.0 – 13.0	14.0 – 15.0	15.0 – 16.0	17.0 – 18.0			
10	40	Green3	0 205 0		10.0 – 10.5	11.5 – 12.0	13.0 – 14.0	15.0 – 16.0	16.0 – 17.0	18.0 – 19.0	18.0 – 19.0	19.0 – 20.0	22.0 – 24.0
11	41	(MediumTurquoise)	72 209 204		10.5 – 11.0	12.0 – 13.0	14.0 – 15.0	16.0 – 17.0	17.0 – 18.0	19.0 – 20.0	19.0 – 20.0	20.0 – 22.0	
12	42	Cyan1	0 255 255		11.0 – 11.5	13.0 – 14.0	15.0 – 16.0	17.0 – 18.0	18.0 – 19.0	20.0 – 22.0	20.0 – 22.0	22.0 – 24.0	24.0 – 26.0
13	43	(Azure)	0 127 255				16.0 – 17.0	18.0 – 19.0	19.0 – 20.0	22.0 – 24.0	22.0 – 24.0	24.0 – 26.0	26.0 – 28.0
14	44	Royal Blue	65 105 225		11.5 – 12.0	14.0 – 15.0	17.0 – 18.0	19.0 – 20.0	20.0 – 22.0	24.0 – 26.0	24.0 – 26.0	26.0 – 28.0	28.0 – 32.0
15	45	(Violet)	238 130 238						22.0 – 24.0	26.0 – 28.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0
16	46	Dark Violet	148 0 211		12.0 – 13.0	15.0 – 16.0	18.0 – 19.0	20.0 – 22.0	24.0 – 26.0	28.0 – 32.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0
MAX					12.1	15.8	18.1	20.9	24.8	28.6	30.9	33.7	37.5

Dauerstufe D=15min

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					8.4	10.4	11.5	12.9	14.8	16.6	17.7	19.1	21.0
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		8.0 – 8.5	10.0 – 10.5	11.0 – 11.5	12.0 – 13.0	14.0 – 15.0	16.0 – 17.0	17.0 – 18.0	19.0 – 20.0	20.0 – 22.0
4	34	(Coral)	255 127 80		8.5 – 9.0	10.5 – 11.0	11.5 – 12.0	13.0 – 14.0					
5	35	Orange1	255 165 0		9.0 – 9.5	11.0 – 11.5	12.0 – 13.0	14.0 – 15.0	15.0 – 16.0	17.0 – 18.0	18.0 – 19.0	20.0 – 22.0	22.0 – 24.0
6	36	Yellow1	255 255 0		9.5 – 10.0	11.5 – 12.0	13.0 – 14.0	15.0 – 16.0	16.0 – 17.0	18.0 – 19.0	19.0 – 20.0	22.0 – 24.0	24.0 – 26.0
7	37	(GreenYellow)	173 255 47		10.0 – 10.5	12.0 – 13.0	14.0 – 15.0	16.0 – 17.0					
8	38	PaleGreen	152 251 152		10.5 – 11.0	13.0 – 14.0	15.0 – 16.0	17.0 – 18.0	17.0 – 18.0	19.0 – 20.0	20.0 – 22.0	24.0 – 26.0	26.0 – 28.0
9	39	(Green1)	0 255 0		11.0 – 11.5	14.0 – 15.0	16.0 – 17.0	18.0 – 19.0					
10	40	Green3	0 205 0		11.5 – 12.0	15.0 – 16.0	17.0 – 18.0	19.0 – 20.0	18.0 – 19.0	20.0 – 22.0	22.0 – 24.0	26.0 – 28.0	28.0 – 32.0
11	41	(MediumTurquoise)	72 209 204						19.0 – 20.0				
12	42	Cyan1	0 255 255		12.0 – 13.0	16.0 – 17.0	18.0 – 19.0	20.0 – 22.0	20.0 – 22.0	22.0 – 24.0	24.0 – 26.0	28.0 – 32.0	32.0 – 36.0
13	43	(Azure)	0 127 255						22.0 – 24.0	24.0 – 26.0			
14	44	Royal Blue	65 105 225		13.0 – 14.0	17.0 – 18.0	19.0 – 20.0	22.0 – 24.0	24.0 – 26.0	26.0 – 28.0	26.0 – 28.0	32.0 – 36.0	36.0 – 40.0
15	45	(Violet)	238 130 238						26.0 – 28.0	28.0 – 32.0	28.0 – 32.0		
16	46	Dark Violet	148 0 211		14.0 – 15.0	18.0 – 19.0	20.0 – 22.0	24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0
MAX					14.9	19.0	21.6	24.8	29.2	33.5	36.0	39.3	43.6

Dauerstufe D=20min

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					9.6	11.8	13.1	14.7	16.8	19.0	20.2	21.8	24.0
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		9.5 – 10.0	11.5 – 12.0	13.0 – 14.0	14.0 – 15.0	16.0 – 17.0	18.0 – 19.0	20.0 – 22.0	20.0 – 22.0	22.0 – 24.0
4	34	(Coral)	255 127 80		10.0 – 10.5	12.0 – 13.0	14.0 – 15.0	15.0 – 16.0					
5	35	Orange1	255 165 0		10.5 – 11.0	13.0 – 14.0	15.0 – 16.0	16.0 – 17.0	17.0 – 18.0	19.0 – 20.0	22.0 – 24.0	22.0 – 24.0	
6	36	Yellow1	255 255 0		11.0 – 11.5	14.0 – 15.0	16.0 – 17.0	17.0 – 18.0	18.0 – 19.0	20.0 – 22.0	24.0 – 26.0	24.0 – 26.0	26.0 – 28.0
7	37	(GreenYellow)	173 255 47		11.5 – 12.0	15.0 – 16.0	17.0 – 18.0	18.0 – 19.0					
8	38	PaleGreen	152 251 152		12.0 – 13.0	16.0 – 17.0	18.0 – 19.0	19.0 – 20.0	19.0 – 20.0	22.0 – 24.0	26.0 – 28.0	26.0 – 28.0	28.0 – 32.0
9	39	(Green1)	0 255 0										
10	40	Green3	0 205 0		13.0 – 14.0	17.0 – 18.0	19.0 – 20.0	20.0 – 22.0	20.0 – 22.0	24.0 – 26.0	28.0 – 32.0	28.0 – 32.0	32.0 – 36.0
11	41	(MediumTurquoise)	72 209 204										
12	42	Cyan1	0 255 255		14.0 – 15.0	18.0 – 19.0	20.0 – 22.0	22.0 – 24.0	22.0 – 24.0	26.0 – 28.0	32.0 – 36.0	32.0 – 36.0	36.0 – 40.0
13	43	(Azure)	0 127 255						24.0 – 26.0				
14	44	Royal Blue	65 105 225		15.0 – 16.0	19.0 – 20.0	22.0 – 24.0	24.0 – 26.0	26.0 – 28.0	28.0 – 32.0	36.0 – 40.0	36.0 – 40.0	40.0 – 45.0
15	45	(Violet)	238 130 238						28.0 – 32.0	32.0 – 36.0			
16	46	Dark Violet	148 0 211		16.0 – 17.0	20.0 – 22.0	24.0 – 26.0	26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0
MAX					16.9	21.3	24.1	27.6	32.3	37.2	40.1	43.7	48.7

Dauerstufe D=30min

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					11.2	13.9	15.4	17.3	19.9	22.5	24.0	25.9	28.5
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		11.0 – 11.5	13.0 – 14.0	15.0 – 16.0	17.0 – 18.0	19.0 – 20.0	22.0 – 24.0	22.0 – 24.0	24.0 – 26.0	28.0 – 32.0
4	34	(Coral)	255 127 80		11.5 – 12.0	14.0 – 15.0	16.0 – 17.0	18.0 – 19.0					
5	35	Orange1	255 165 0		12.0 – 13.0	15.0 – 16.0	17.0 – 18.0	19.0 – 20.0	20.0 – 22.0		24.0 – 26.0	26.0 – 28.0	
6	36	Yellow1	255 255 0		13.0 – 14.0	16.0 – 17.0	18.0 – 19.0	20.0 – 22.0	22.0 – 24.0	24.0 – 26.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0
7	37	(GreenYellow)	173 255 47		14.0 – 15.0	17.0 – 18.0							
8	38	PaleGreen	152 251 152		15.0 – 16.0	18.0 – 19.0	19.0 – 20.0	22.0 – 24.0	24.0 – 26.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0
9	39	(Green1)	0 255 0										
10	40	Green3	0 205 0		16.0 – 17.0	19.0 – 20.0	20.0 – 22.0	24.0 – 26.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0
11	41	(MediumTurquoise)	72 209 204										
12	42	Cyan1	0 255 255		17.0 – 18.0	20.0 – 22.0	22.0 – 24.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0
13	43	(Azure)	0 127 255										
14	44	Royal Blue	65 105 225		18.0 – 19.0	22.0 – 24.0	24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0
15	45	(Violet)	238 130 238										
16	46	Dark Violet	148 0 211		19.0 – 20.0	24.0 – 26.0	26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0
MAX					19.5	24.5	27.7	32.1	38.0	43.9	47.4	51.8	57.7

Dauerstufe D=45min

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					12.6	15.7	17.5	19.7	22.7	25.7	27.5	29.7	32.7
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		12.0 – 13.0	15.0 – 16.0	17.0 – 18.0	19.0 – 20.0	22.0 – 24.0	24.0 – 26.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0
4	34	(Coral)	255 127 80		13.0 – 14.0	16.0 – 17.0							
5	35	Orange1	255 165 0		14.0 – 15.0	17.0 – 18.0	18.0 – 19.0	20.0 – 22.0		26.0 – 28.0	28.0 – 32.0	32.0 – 36.0	
6	36	Yellow1	255 255 0		15.0 – 16.0	18.0 – 19.0	19.0 – 20.0	22.0 – 24.0	24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	36.0 – 40.0
7	37	(GreenYellow)	173 255 47										
8	38	PaleGreen	152 251 152		16.0 – 17.0	19.0 – 20.0	20.0 – 22.0	24.0 – 26.0	26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	40.0 – 45.0
9	39	(Green1)	0 255 0										
10	40	Green3	0 205 0		17.0 – 18.0	20.0 – 22.0	22.0 – 24.0	26.0 – 28.0	28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0
11	41	(MediumTurquoise)	72 209 204										
12	42	Cyan1	0 255 255		18.0 – 19.0	22.0 – 24.0	24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0
13	43	(Azure)	0 127 255										
14	44	Royal Blue	65 105 225		19.0 – 20.0	24.0 – 26.0	26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0
15	45	(Violet)	238 130 238										
16	46	Dark Violet	148 0 211		20.0 – 22.0	26.0 – 28.0	28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0
MAX					21.7	27.8	31.6	36.9	44.0	51.2	55.3	60.6	67.7

Dauerstufe D=60min (1h)

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					13.5	16.8	18.7	21.2	24.5	27.8	29.7	32.2	35.5
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		13.0 – 14.0	16.0 – 17.0	18.0 – 19.0	20.0 – 22.0	24.0 – 26.0	26.0 – 28.0	28.0 – 32.0	28.0 – 32.0	32.0 – 36.0
4	34	(Coral)	255 127 80		14.0 – 15.0	17.0 – 18.0							
5	35	Orange1	255 165 0		15.0 – 16.0	18.0 – 19.0	19.0 – 20.0	22.0 – 24.0		28.0 – 32.0	32.0 – 36.0	32.0 – 36.0	36.0 – 40.0
6	36	Yellow1	255 255 0		16.0 – 17.0	19.0 – 20.0	20.0 – 22.0	24.0 – 26.0	26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	36.0 – 40.0	40.0 – 45.0
7	37	(GreenYellow)	173 255 47										
8	38	PaleGreen	152 251 152		17.0 – 18.0	20.0 – 22.0	22.0 – 24.0	26.0 – 28.0	28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0
9	39	(Green1)	0 255 0										
10	40	Green3	0 205 0		18.0 – 19.0	22.0 – 24.0	24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0
11	41	(MediumTurquoise)	72 209 204										
12	42	Cyan1	0 255 255		19.0 – 20.0	24.0 – 26.0	26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0
13	43	(Azure)	0 127 255										
14	44	Royal Blue	65 105 225		20.0 – 22.0	26.0 – 28.0	28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0
15	45	(Violet)	238 130 238										
16	46	Dark Violet	148 0 211		22.0 – 24.0	28.0 – 32.0	32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0
MAX					23.0	30.5	34.9	40.4	48.6	56.7	61.5	67.5	75.6

Dauerstufe D=90min

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					14.7	18.6	20.9	23.6	27.4	31.1	33.1	35.7	39.2
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		14.0 – 15.0	18.0 – 19.0	20.0 – 22.0	22.0 – 24.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0	32.0 – 36.0	36.0 – 40.0
4	34	(Coral)	255 127 80		15.0 – 16.0								
5	35	Orange1	255 165 0		16.0 – 17.0	19.0 – 20.0				32.0 – 36.0		36.0 – 40.0	40.0 – 45.0
6	36	Yellow1	255 255 0		17.0 – 18.0	20.0 – 22.0	22.0 – 24.0	24.0 – 26.0	28.0 – 32.0	36.0 – 40.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0
7	37	(GreenYellow)	173 255 47		18.0 – 19.0								
8	38	PaleGreen	152 251 152		19.0 – 20.0	22.0 – 24.0	24.0 – 26.0	26.0 – 28.0	32.0 – 36.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0
9	39	(Green1)	0 255 0										
10	40	Green3	0 205 0		20.0 – 22.0	24.0 – 26.0	26.0 – 28.0	28.0 – 32.0	36.0 – 40.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0
11	41	(MediumTurquoise)	72 209 204										
12	42	Cyan1	0 255 255		22.0 – 24.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0	40.0 – 45.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0
13	43	(Azure)	0 127 255										
14	44	Royal Blue	65 105 225		24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	45.0 – 50.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0
15	45	(Violet)	238 130 238										
16	46	Dark Violet	148 0 211		26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	50.0 – 55.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0
MAX					26.6	33.9	38.6	44.4	52.4	60.6	65.6	71.8	80.3

Dauerstufe D=120min (2h)

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					15.5	19.8	22.2	25.3	29.4	33.3	35.5	38.3	42.0
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		15.0 – 16.0	19.0 – 20.0	22.0 – 24.0	24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0
4	34	(Coral)	255 127 80		16.0 – 17.0								
5	35	Orange1	255 165 0		17.0 – 18.0	20.0 – 22.0							
6	36	Yellow1	255 255 0		18.0 – 19.0	22.0 – 24.0	24.0 – 26.0	26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0
7	37	(GreenYellow)	173 255 47		19.0 – 20.0								
8	38	PaleGreen	152 251 152		20.0 – 22.0	24.0 – 26.0	26.0 – 28.0	28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0
9	39	(Green1)	0 255 0										
10	40	Green3	0 205 0		22.0 – 24.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0
11	41	(MediumTurquoise)	72 209 204										
12	42	Cyan1	0 255 255		24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0
13	43	(Azure)	0 127 255										
14	44	Royal Blue	65 105 225		26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0
15	45	(Violet)	238 130 238										
16	46	Dark Violet	148 0 211		28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0
MAX					29.5	36.8	41.4	47.5	55.8	64.0	68.9	75.1	83.9

Dauerstufe D=180min (3h)

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					16.9	21.5	24.2	27.5	32.0	36.4	38.9	42.0	46.3
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		16.0 – 17.0	20.0 – 22.0	24.0 – 26.0	26.0 – 28.0	28.0 – 32.0	36.0 – 40.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0
4	34	(Coral)	255 127 80		17.0 – 18.0								
5	35	Orange1	255 165 0		18.0 – 19.0	22.0 – 24.0		28.0 – 32.0	32.0 – 36.0				
6	36	Yellow1	255 255 0		19.0 – 20.0	24.0 – 26.0	26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0
7	37	(GreenYellow)	173 255 47		20.0 – 22.0								
8	38	PaleGreen	152 251 152		22.0 – 24.0	26.0 – 28.0	28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0
9	39	(Green1)	0 255 0										
10	40	Green3	0 205 0		24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0
11	41	(MediumTurquoise)	72 209 204										
12	42	Cyan1	0 255 255		26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0
13	43	(Azure)	0 127 255										
14	44	Royal Blue	65 105 225		28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0
15	45	(Violet)	238 130 238										
16	46	Dark Violet	148 0 211		32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0	70.0 – 80.0	80.0 – 90.0	90 – 100
MAX					34.4	43.3	48.6	55.3	64.3	73.3	78.6	85.3	94.7

Dauerstufe D=240min (4h)

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					17.9	22.9	25.7	29.2	33.9	38.3	40.8	44.1	48.4
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		17.0 – 18.0	22.0 – 24.0	24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0
4	34	(Coral)	255 127 80		18.0 – 19.0								
5	35	Orange1	255 165 0		19.0 – 20.0	24.0 – 26.0	26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0		45.0 – 50.0	50.0 – 55.0
6	36	Yellow1	255 255 0		20.0 – 22.0	26.0 – 28.0	28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0
7	37	(GreenYellow)	173 255 47		22.0 – 24.0								
8	38	PaleGreen	152 251 152		24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0
9	39	(Green1)	0 255 0										
10	40	Green3	0 205 0		26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0
11	41	(MediumTurquoise)	72 209 204										
12	42	Cyan1	0 255 255		28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0
13	43	(Azure)	0 127 255										
14	44	Royal Blue	65 105 225		32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0	70.0 – 80.0	80.0 – 90.0	90 – 100
15	45	(Violet)	238 130 238										
16	46	Dark Violet	148 0 211		36.0 – 40.0	45.0 – 50.0	50.0 – 55.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0	80.0 – 90.0	90 – 100	100 – 120
MAX					39.1	49.0	54.8	62.1	72.0	81.9	87.7	95.0	105.2

Dauerstufe D=360min (6h)

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					19.5	24.9	28.0	31.6	36.0	40.2	42.7	45.8	50.0
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		19.0 – 20.0	24.0 – 26.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0
4	34	(Coral)	255 127 80		20.0 – 22.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0					
5	35	Orange1	255 165 0		22.0 – 24.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	36.0 – 40.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0
6	36	Yellow1	255 255 0		24.0 – 26.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	40.0 – 45.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0
7	37	(GreenYellow)	173 255 47		26.0 – 28.0								
8	38	PaleGreen	152 251 152		28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0
9	39	(Green1)	0 255 0										
10	40	Green3	0 205 0		32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0	70.0 – 80.0
11	41	(MediumTurquoise)	72 209 204										
12	42	Cyan1	0 255 255		36.0 – 40.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	70.0 – 80.0	70.0 – 80.0	80.0 – 90.0	80.0 – 90.0
13	43	(Azure)	0 127 255										
14	44	Royal Blue	65 105 225		40.0 – 45.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	80.0 – 90.0	80.0 – 90.0	90 – 100	90 – 100
15	45	(Violet)	238 130 238						70.0 – 80.0		90 – 100		100 – 120
16	46	Dark Violet	148 0 211		45.0 – 50.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0	90 – 100	100 – 120	100 – 120	120 – 140
MAX					47.0	58.2	64.8	73.2	84.5	95.8	102.4	110.8	122.3

Dauerstufe D=540min (9h)

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					21.1	27.1	30.1	33.7	37.9	42.0	44.4	47.5	51.6
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		20.0 – 22.0	26.0 – 28.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0
4	34	(Coral)	255 127 80		22.0 – 24.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0					
5	35	Orange1	255 165 0		24.0 – 26.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0
6	36	Yellow1	255 255 0		26.0 – 28.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0
7	37	(GreenYellow)	173 255 47		28.0 – 32.0								
8	38	PaleGreen	152 251 152		32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0
9	39	(Green1)	0 255 0		36.0 – 40.0								
10	40	Green3	0 205 0		40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0
11	41	(MediumTurquoise)	72 209 204										
12	42	Cyan1	0 255 255		45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0	70.0 – 80.0	80.0 – 90.0	90 – 100
13	43	(Azure)	0 127 255										
14	44	Royal Blue	65 105 225		50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0	70.0 – 80.0	80.0 – 90.0	80.0 – 90.0	90 – 100	100 – 120
15	45	(Violet)	238 130 238						80.0 – 90.0	90 – 100	90 – 100	100 – 120	120 – 140
16	46	Dark Violet	148 0 211		55.0 – 60.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0	90 – 100	100 – 120	100 – 120	120 – 140	140 – 160
MAX					57.1	69.9	77.4	86.9	99.7	112.5	120.0	129.4	142.3

Dauerstufe D=720min (12h)

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					22.2	28.5	31.5	35.2	39.3	43.4	45.8	48.8	52.9
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		22.0 – 24.0	28.0 – 32.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0
4	34	(Coral)	255 127 80		24.0 – 26.0	32.0 – 36.0	32.0 – 36.0	36.0 – 40.0					
5	35	Orange1	255 165 0		26.0 – 28.0	36.0 – 40.0	36.0 – 40.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0
6	36	Yellow1	255 255 0		28.0 – 32.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0
7	37	(GreenYellow)	173 255 47		32.0 – 36.0		45.0 – 50.0	50.0 – 55.0					
8	38	PaleGreen	152 251 152		36.0 – 40.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0
9	39	(Green1)	0 255 0		40.0 – 45.0								
10	40	Green3	0 205 0		45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0	70.0 – 80.0	80.0 – 90.0
11	41	(MediumTurquoise)	72 209 204										
12	42	Cyan1	0 255 255		50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0	80.0 – 90.0	90 – 100
13	43	(Azure)	0 127 255						70.0 – 80.0	80.0 – 90.0		90 – 100	100 – 120
14	44	Royal Blue	65 105 225		55.0 – 60.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0	80.0 – 90.0	90 – 100	90 – 100	100 – 120	120 – 140
15	45	(Violet)	238 130 238						90 – 100	100 – 120	100 – 120	120 – 140	140 – 160
16	46	Dark Violet	148 0 211		60.0 – 70.0	70.0 – 80.0	80.0 – 90.0	90 – 100	100 – 120	120 – 140	120 – 140	140 – 160	160 – 180
MAX					65.6	80.0	88.5	99.1	113.6	128.0	136.5	147.1	161.6

Dauerstufe D=1080min (18h)

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					23.7	30.5	33.7	37.5	41.5	45.5	47.9	50.9	54.9
1	31	Red4	139 0 0										
2	32	(Red1)	255 0 0										
3	33	IndianRed	205 92 92		22.0 – 24.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0
4	34	(Coral)	255 127 80		24.0 – 26.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0					
5	35	Orange1	255 165 0		26.0 – 28.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0
6	36	Yellow1	255 255 0		28.0 – 32.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0
7	37	(GreenYellow)	173 255 47		32.0 – 36.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0					
8	38	PaleGreen	152 251 152		36.0 – 40.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0	70.0 – 80.0
9	39	(Green1)	0 255 0		40.0 – 45.0	55.0 – 60.0	60.0 – 70.0						
10	40	Green3	0 205 0		45.0 – 50.0	60.0 – 70.0	70.0 – 80.0	70.0 – 80.0	60.0 – 70.0	70.0 – 80.0	70.0 – 80.0	80.0 – 90.0	80.0 – 90.0
11	41	(MediumTurquoise)	72 209 204		50.0 – 55.0						80.0 – 90.0		90 – 100
12	42	Cyan1	0 255 255		55.0 – 60.0	70.0 – 80.0	80.0 – 90.0	80.0 – 90.0	70.0 – 80.0	80.0 – 90.0	90 – 100	90 – 100	100 – 120
13	43	(Azure)	0 127 255						80.0 – 90.0	90 – 100	100 – 120	100 – 120	120 – 140
14	44	Royal Blue	65 105 225		60.0 – 70.0	80.0 – 90.0	90 – 100	90 – 100	90 – 100	100 – 120	120 – 140	120 – 140	140 – 160
15	45	(Violet)	238 130 238						100 – 120	120 – 140	140 – 160	140 – 160	160 – 180
16	46	Dark Violet	148 0 211		70.0 – 80.0	90 – 100	100 – 120	100 – 120	120 – 140	140 – 160	160 – 180	160 – 180	180 – 200
MAX					79.7	96.8	106.8	119.5	136.6	153.7	163.7	176.4	193.5

Dauerstufe D=1440min (24h)

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					24.9	32.0	35.3	39.2	43.2	47.2	49.5	52.5	56.5
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		24.0 – 26.0	28.0 – 32.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0
4	34	(Coral)	255 127 80		26.0 – 28.0	32.0 – 36.0	36.0 – 40.0	40.0 – 45.0					
5	35	Orange1	255 165 0		28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0
6	36	Yellow1	255 255 0		32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0
7	37	(GreenYellow)	173 255 47		36.0 – 40.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0					
8	38	PaleGreen	152 251 152		40.0 – 45.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0
9	39	(Green1)	0 255 0		45.0 – 50.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0			70.0 – 80.0		
10	40	Green3	0 205 0		50.0 – 55.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0	80.0 – 90.0	90 – 100
11	41	(MediumTurquoise)	72 209 204		55.0 – 60.0	70.0 – 80.0	80.0 – 90.0		70.0 – 80.0	80.0 – 90.0	90 – 100	90 – 100	100 – 120
12	42	Cyan1	0 255 255		60.0 – 70.0	80.0 – 90.0	90 – 100	90 – 100	80.0 – 90.0	90 – 100	100 – 120	100 – 120	120 – 140
13	43	(Azure)	0 127 255		70.0 – 80.0				90 – 100	100 – 120	120 – 140	120 – 140	140 – 160
14	44	Royal Blue	65 105 225		80.0 – 90.0	90 – 100	100 – 120	100 – 120	100 – 120	120 – 140	140 – 160	140 – 160	160 – 180
15	45	(Violet)	238 130 238						120 – 140	140 – 160	160 – 180	160 – 180	180 – 200
16	46	Dark Violet	148 0 211		90 – 100	100 – 120	120 – 140	120 – 140	140 – 160	160 – 180	180 – 200	180 – 200	200 – 240
MAX					91.5	110.8	122.1	136.4	155.7	175	186.3	200.6	219.9

Dauerstufe D=2880min (48h)

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					30.5	38.4	42.0	46.1	51.7	57.3	60.5	64.6	70.2
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		28.0 – 32.0	36.0 – 40.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0
4	34	(Coral)	255 127 80		32.0 – 36.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0					
5	35	Orange1	255 165 0		36.0 – 40.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0	70.0 – 80.0	80.0 – 90.0
6	36	Yellow1	255 255 0		40.0 – 45.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0	80.0 – 90.0	90 – 100
7	37	(GreenYellow)	173 255 47		45.0 – 50.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0					
8	38	PaleGreen	152 251 152		50.0 – 55.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0	70.0 – 80.0	80.0 – 90.0	90 – 100	90 – 100	100 – 120
9	39	(Green1)	0 255 0		55.0 – 60.0	70.0 – 80.0	80.0 – 90.0	90 – 100					
10	40	Green3	0 205 0		60.0 – 70.0	80.0 – 90.0	90 – 100	100 – 120	80.0 – 90.0	90 – 100	100 – 120	100 – 120	120 – 140
11	41	(MediumTurquoise)	72 209 204		70.0 – 80.0	90 – 100			90 – 100	100 – 120		120 – 140	
12	42	Cyan1	0 255 255		80.0 – 90.0	100 – 120	100 – 120	120 – 140	100 – 120	120 – 140	120 – 140	140 – 160	140 – 160
13	43	(Azure)	0 127 255		90 – 100				120 – 140	140 – 160	140 – 160	160 – 180	160 – 180
14	44	Royal Blue	65 105 225		100 – 120	120 – 140	120 – 140	140 – 160	140 – 160	160 – 180	160 – 180	180 - 200	180 - 200
15	45	(Violet)	238 130 238						160 – 180	180 - 200	180 - 200	200 – 240	200 – 240
16	46	Dark Violet	148 0 211		120 – 140	140 – 160	140 – 160	160 – 180	180 - 200	200 – 240	200 – 240	240 - 280	240 - 280
MAX					123.9	144	156.9	174.1	197.4	220.7	234.3	251.5	274.7

Dauerstufe D=4320min (72h)

Kl.	No.	Farbe	R G B		1a	2a	3a	5a	10a	20a	30a	50a	100a
MIN					33.8	41.2	44.5	48.6	54.2	59.7	63.0	67.1	72.7
1	31	Red4	139 0 0										
2	32	Red1	255 0 0										
3	33	IndianRed	205 92 92		32.0 – 36.0	40.0 – 45.0	40.0 – 45.0	45.0 – 50.0	50.0 – 55.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0
4	34	(Coral)	255 127 80		36.0 – 40.0	45.0 – 50.0	45.0 – 50.0	50.0 – 55.0					
5	35	Orange1	255 165 0		40.0 – 45.0	50.0 – 55.0	50.0 – 55.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	70.0 – 80.0	70.0 – 80.0	80.0 – 90.0
6	36	Yellow1	255 255 0		45.0 – 50.0	55.0 – 60.0	55.0 – 60.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0	80.0 – 90.0	80.0 – 90.0	90 – 100
7	37	(GreenYellow)	173 255 47		50.0 – 55.0	60.0 – 70.0	60.0 – 70.0	70.0 – 80.0					
8	38	PaleGreen	152 251 152		55.0 – 60.0	70.0 – 80.0	70.0 – 80.0	80.0 – 90.0	70.0 – 80.0	80.0 – 90.0	90 – 100	90 – 100	100 – 120
9	39	(Green1)	0 255 0		60.0 – 70.0	80.0 – 90.0	80.0 – 90.0	90 – 100	80.0 – 90.0	90 – 100		100 – 120	
10	40	Green3	0 205 0		70.0 – 80.0	90 – 100	90 – 100	100 – 120	90 – 100	100 – 120	100 – 120	120 – 140	120 – 140
11	41	(MediumTurquoise)	72 209 204		80.0 – 90.0	100 – 120	100 – 120	120 – 140	100 – 120	120 – 140	120 – 140	140 – 160	140 – 160
12	42	Cyan1	0 255 255		90 – 100	120 – 140	120 – 140	140 – 160	120 – 140	140 – 160	140 – 160	160 – 180	160 – 180
13	43	(Azure)	0 127 255		100 – 120		140 – 160	160 – 180	140 – 160	160 – 180	160 – 180	180 – 200	180 – 200
14	44	Royal Blue	65 105 225		120 – 140	140 – 160	160 – 180	180 – 200	160 – 180	180 – 200	180 – 200	200 – 240	200 – 240
15	45	(Violet)	238 130 238						180 – 200	200 – 240	200 – 240	240 – 280	240 – 280
16	46	Dark Violet	148 0 211		140 – 160	160 – 180	180 – 200	200 – 240	200 – 240	240 – 280	240 – 280	280 – 320	280 – 320
MAX					149.8	172.3	185.5	202.2	225.8	251.4	266.3	285.2	311.7