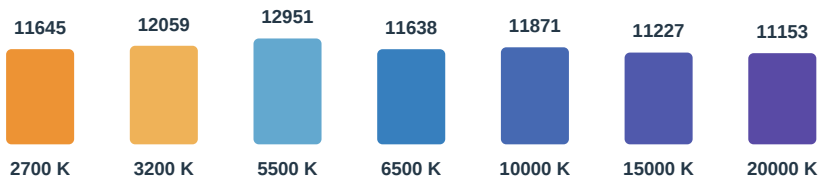


Wichtigste Messwerte bei maximaler Helligkeit

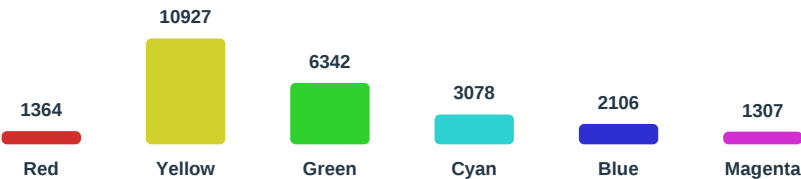
Je Soll-CCT und RGB-Hue wird die höchste vorhandene Helligkeitsstufe gezeigt. $EV = \log_2(2 \times \text{Lux} / 5)$.
Duv, CRI/R9, SSI und TM-30 werden bei gesättigten RGB-Farben nicht ausgewiesen, da sie dort nicht aussagekräftig sind.

Typ	Soll-CCT / Hue	Stufe	Lux	EV	CCT Ist / Hue Ist	Duv	CRI Ra	R9	SSI	TM-30 Rf	TM-30 Rg	Quelle
Weiß	2700 K	100%	11645	12.19	2707 K	-0.00208	98.7	96.0	-	-	-	OHS-140843.csv
Weiß	3200 K	100%	12059	12.24	3253 K	-0.00170	99.0	96.0	85.0	97.0	100.0	OHS-141151.csv
Weiß	5500 K	100%	12951	12.34	5833 K	-0.00198	98.0	94.0	77.0	96.0	101.0	OHS-141407.csv
Weiß	6500 K	100%	11638	12.18	7159 K	-0.00317	96.3	80.0	71.0	96.0	102.0	OHS-141646.csv
Weiß	10000 K	100%	11871	12.21	12031 K	-0.00249	96.9	92.0	-	-	-	OHS-142733.csv
Weiß	15000 K	100%	11227	12.13	20873 K	-0.00227	96.4	83.0	-	-	-	OHS-142959.csv
Weiß	20000 K	100%	11153	12.12	25185 K	-0.00086	95.5	77.0	-	-	-	OHS-143621.csv
Red	0.0 deg	100%	1364	9.09	0.0 deg	-	-	-	-	-	-	OHS-152704.csv
Yellow	60.0 deg	100%	10927	12.09	50.9 deg	-	-	-	-	-	-	OHS-152720.csv
Green	120.0 deg	100%	6342	11.31	135.6 deg	-	-	-	-	-	-	OHS-152737.csv
Cyan	180.0 deg	100%	3078	10.27	186.7 deg	-	-	-	-	-	-	OHS-152751.csv
Blue	240.0 deg	100%	2106	9.72	240.0 deg	-	-	-	-	-	-	OHS-152809.csv
Magenta	300.0 deg	100%	1307	9.03	311.4 deg	-	-	-	-	-	-	OHS-152825.csv

Weißlicht-Helligkeit bei 100 % über alle CCTs



RGB-Helligkeit bei 100 % über alle Farben



Helligkeit mit allen Reflektoren

Reflektor	Soll-CCT	Stufe	Lux	EV	CCT Ist	Duv	CRI Ra	R9	Quelle
BDR-W55	5500 K	100%	1895	9.57	5905 K	0.00423	96.6	85.0	OHS-143909.csv
Kit-Reflektor	5500 K	100%	23746	13.21	5991 K	-0.00085	98.3	99.0	OHS-144013.csv
Standardreflektor	5500 K	100%	21915	13.10	5930 K	-0.00074	98.3	98.0	OHS-143748.csv

TOTAL

77.9

FARBE

78.1

POWER

91.4

USABILITY

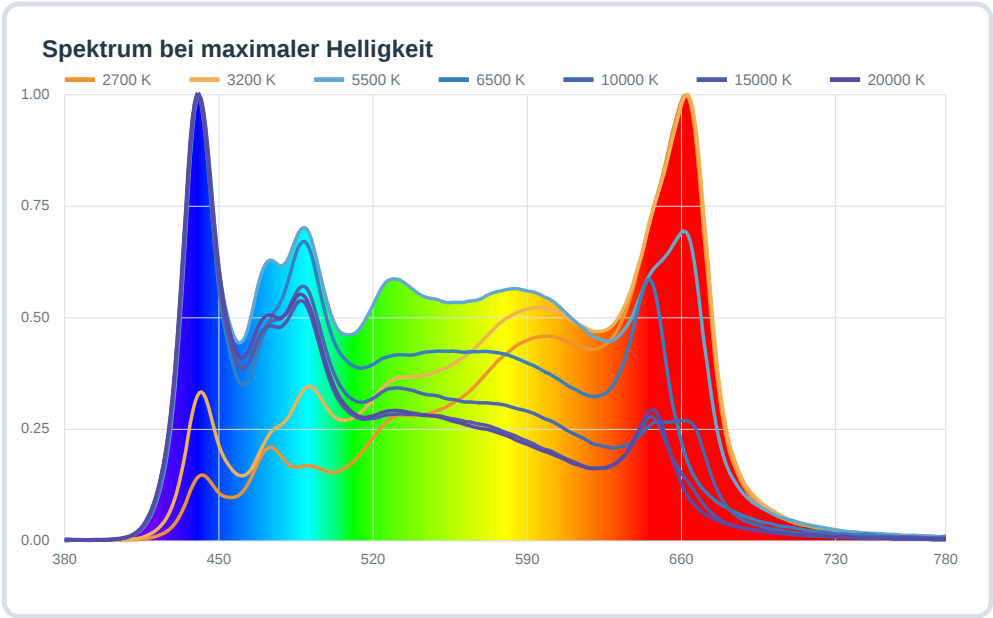
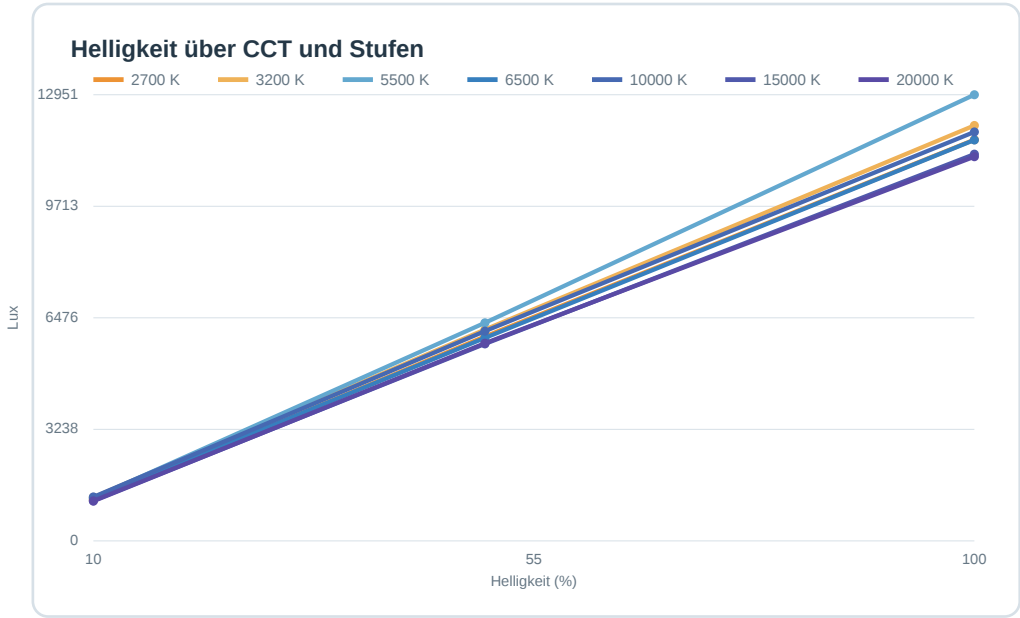
78.0

RGB

64.1

Leuchte	Wert	Test	Wert
LED-Typ	RGB	Leistung	150.0 W
Testdatum	2026-07-30	Distanz	1.00 m
Modifier	Lab-Standard	Modus	Linear (aktuell)
RGB im Total	Ja	Messungen	42

Soll-CCT	Max Lux	CCT Ist	Duv	Ra	SSI	Rf	Rg
2700 K	11645	2707	-0.00208	98.7	-	-	-
3200 K	12059	3253	-0.00170	99.0	85.0	97.0	100.0
5500 K	12951	5833	-0.00198	98.0	77.0	96.0	101.0
6500 K	11638	7159	-0.00317	96.3	71.0	96.0	102.0
10000 K	11871	12031	-0.00249	96.9	-	-	-
15000 K	11227	20873	-0.00227	96.4	-	-	-
20000 K	11153	25185	-0.00086	95.5	-	-	-



Nanlux Evoke 150C

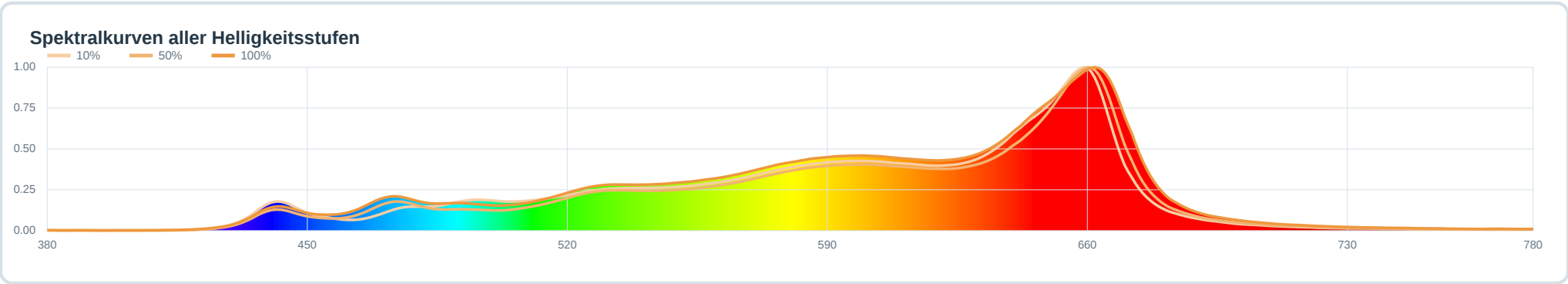
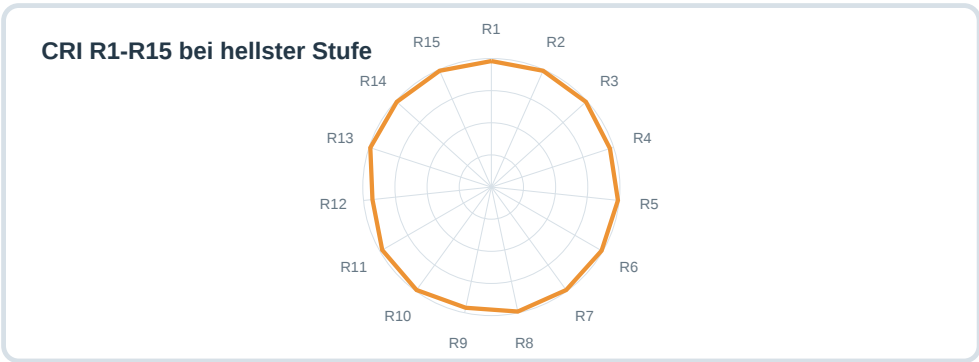
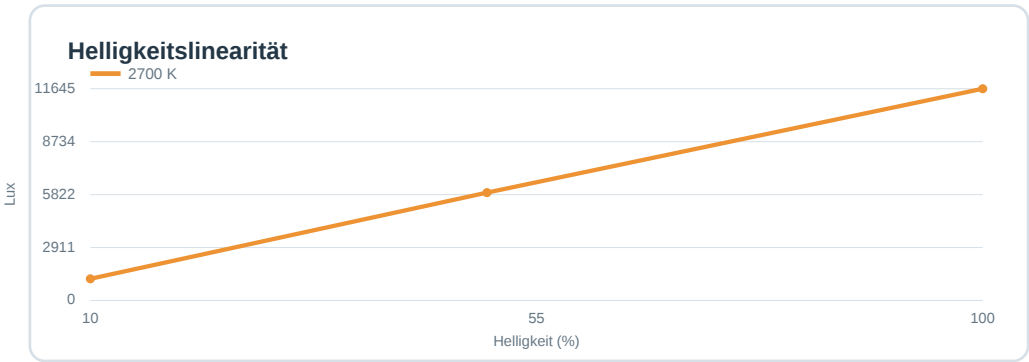
Weißlicht-Detail | Soll-CCT 2700 K

LED EVALUATOR

Stufe	Lux	CCT Ist	Duv	SDCM	Ra	R9	Peak
10%	1192	2695 K	-0.00088	1.55	98.7	96.0	659 nm
50%	5932	2635 K	-0.00188	4.29	98.7	96.0	660 nm
100%	11645	2707 K	-0.00208	2.64	98.7	96.0	662 nm

Farbmietrik	Wert
SSI	-
TM-30 Rf	-
TM-30 Rg	-
Messungen	3

Prüfung	Wert
Hellste Stufe	100%
CCT-Abweichung	7 K
Mired-Abweichung	0.96
Quelle	OHS-140843.csv



Nanlux Evoke 150C

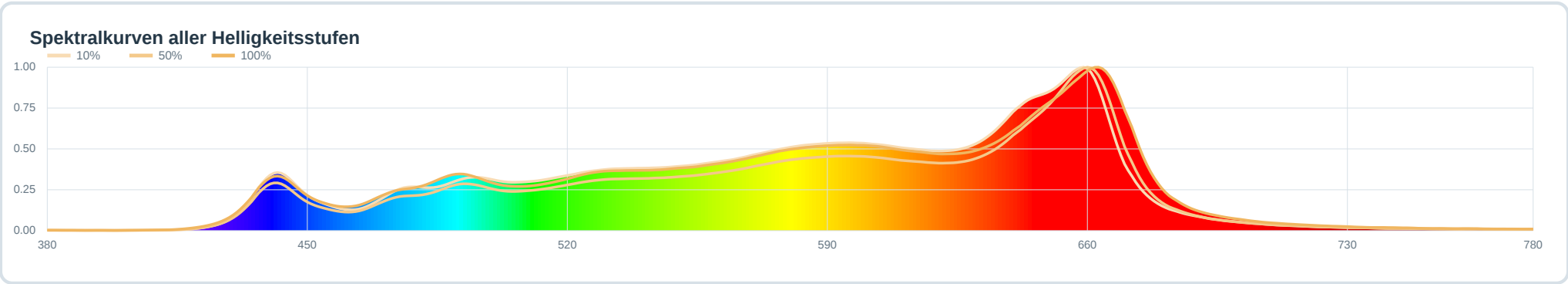
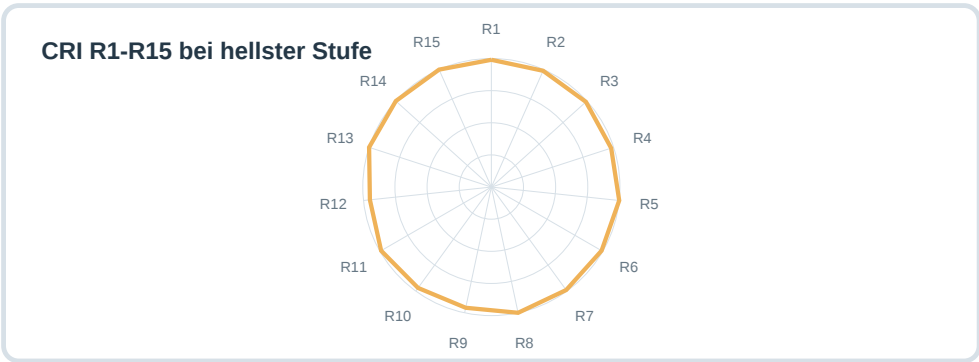
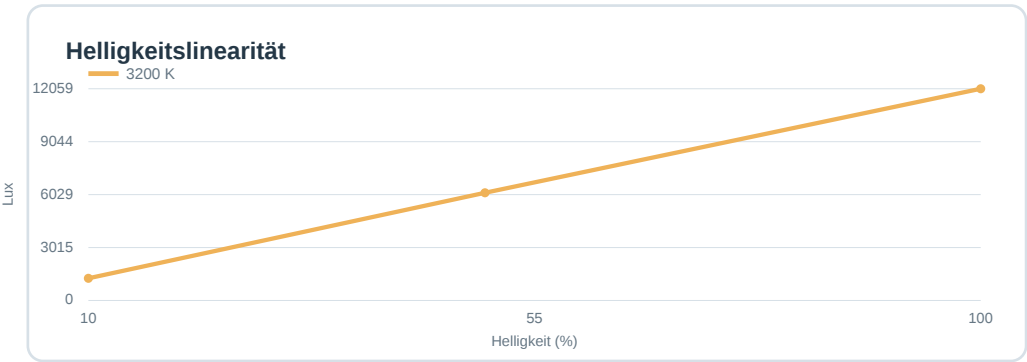
Weißlicht-Detail | Soll-CCT 3200 K

LED EVALUATOR

Stufe	Lux	CCT Ist	Duv	SDCM	Ra	R9	Peak
10%	1263	3212 K	-0.00064	6.15	99.4	96.0	659 nm
50%	6134	3153 K	-0.00193	5.00	98.4	88.0	660 nm
100%	12059	3253 K	-0.00170	5.95	99.0	96.0	663 nm

Farbmietrik	Wert
SSI	85.0
TM-30 Rf	97.0
TM-30 Rg	100.0
Messungen	3

Prüfung	Wert
Hellste Stufe	100%
CCT-Abweichung	53 K
Mired-Abweichung	5.09
Quelle	OHS-141151.csv



Nanlux Evoke 150C

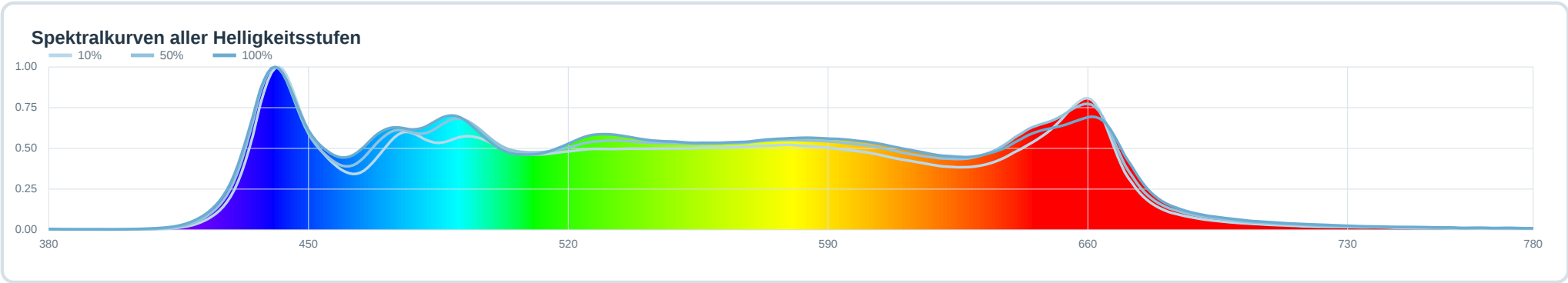
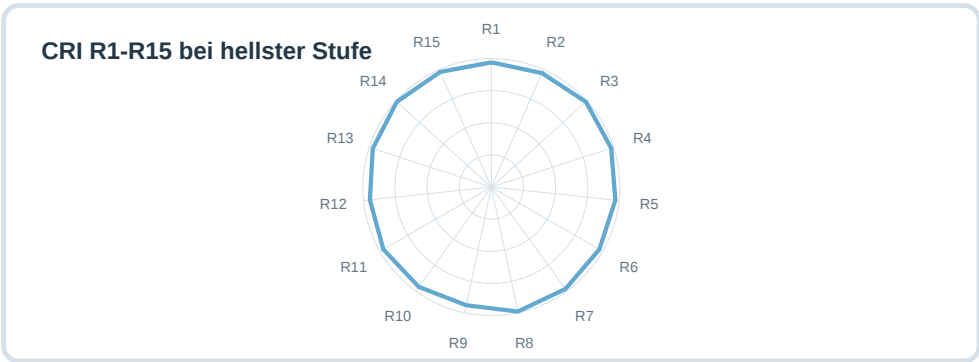
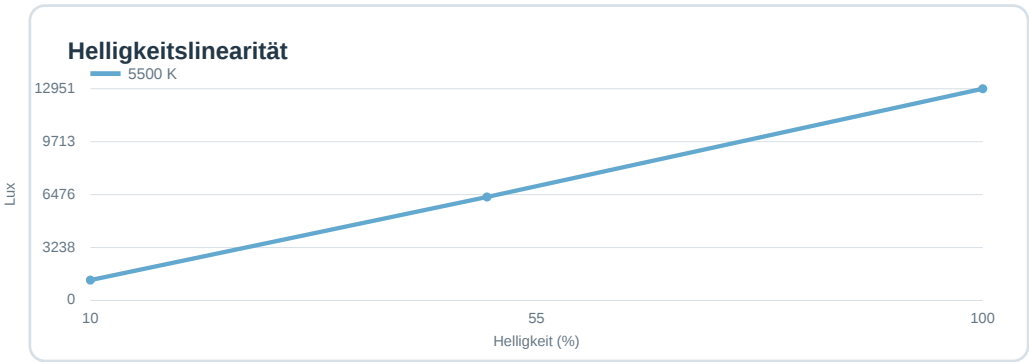
Weißlicht-Detail | Soll-CCT 5500 K

LED EVALUATOR

Stufe	Lux	CCT Ist	Duv	SDCM	Ra	R9	Peak
10%	1246	5818 K	-0.00068	4.11	98.6	94.0	442 nm
50%	6330	5710 K	-0.00159	4.71	97.7	87.0	441 nm
100%	12951	5833 K	-0.00198	5.66	98.0	94.0	441 nm

Farbmessung	Wert
SSI	77.0
TM-30 Rf	96.0
TM-30 Rg	101.0
Messungen	3

Prüfung	Wert
Hellste Stufe	100%
CCT-Abweichung	333 K
Mired-Abweichung	10.38
Quelle	OHS-141407.csv



Nanlux Evoke 150C

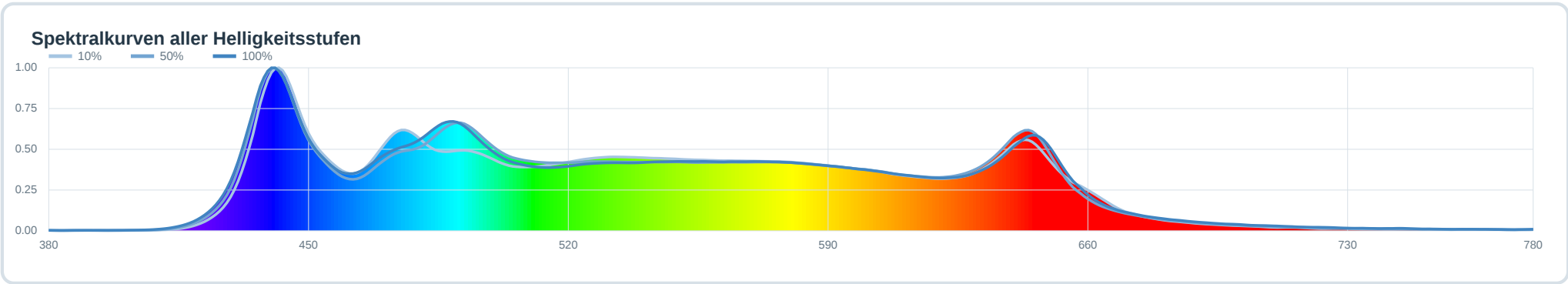
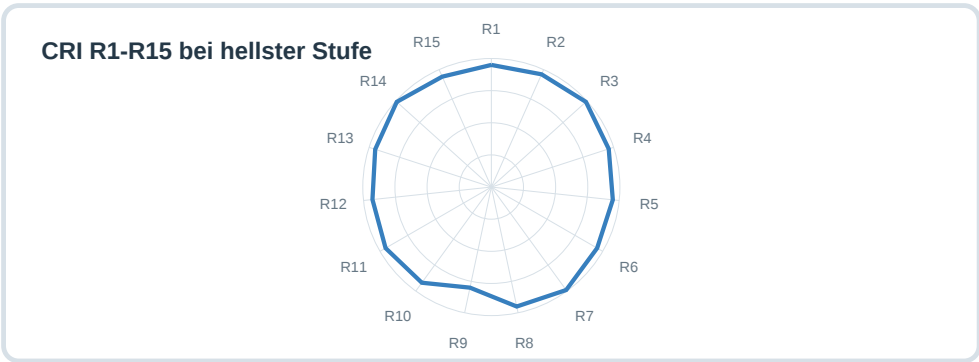
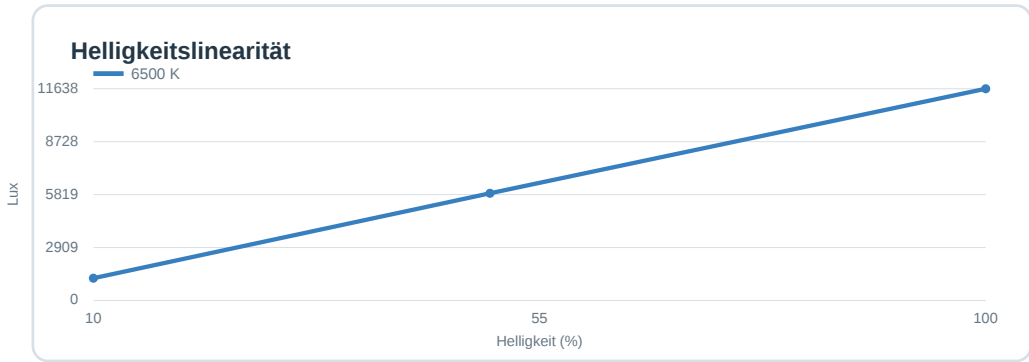
Weißlicht-Detail | Soll-CCT 6500 K

LED EVALUATOR

Stufe	Lux	CCT Ist	Duv	SDCM	Ra	R9	Peak
10%	1224	6936 K	-0.00078	6.20	98.0	93.0	442 nm
50%	5892	6859 K	-0.00110	6.08	96.3	80.0	441 nm
100%	11638	7159 K	-0.00317	9.66	96.3	80.0	440 nm

Farbmetric	Wert
SSI	71.0
TM-30 Rf	96.0
TM-30 Rg	102.0
Messungen	3

Prüfung	Wert
Hellste Stufe	100%
CCT-Abweichung	659 K
Mired-Abweichung	14.16
Quelle	OHS-141646.csv



Nanlux Evoke 150C

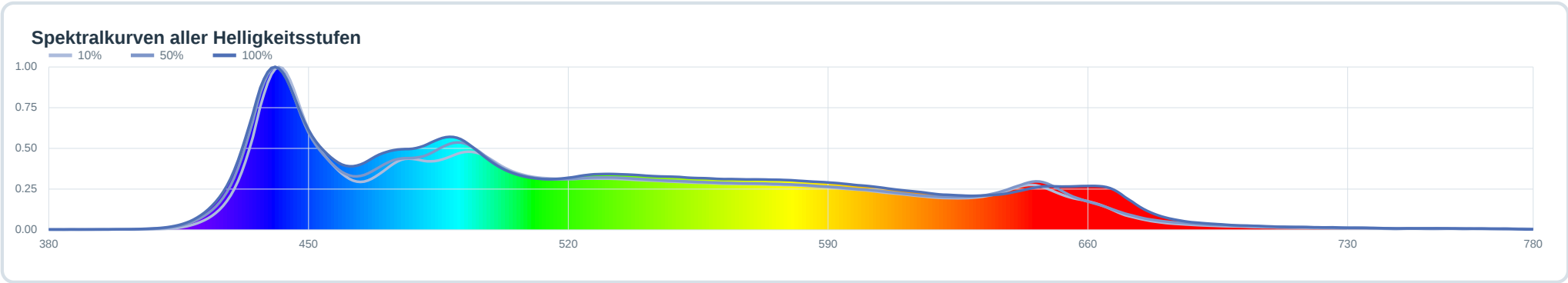
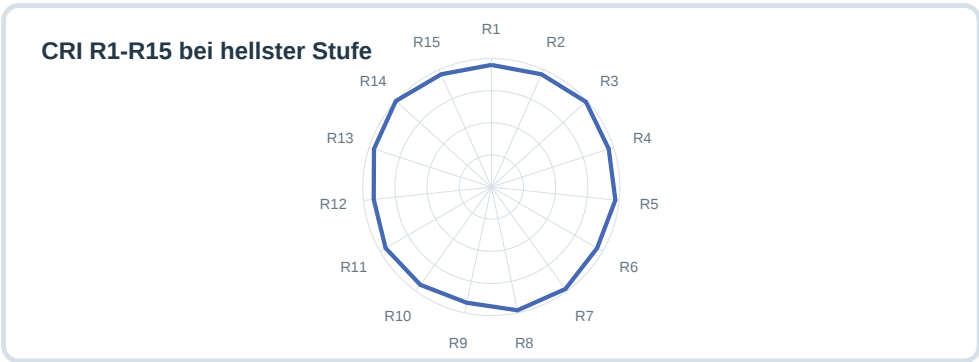
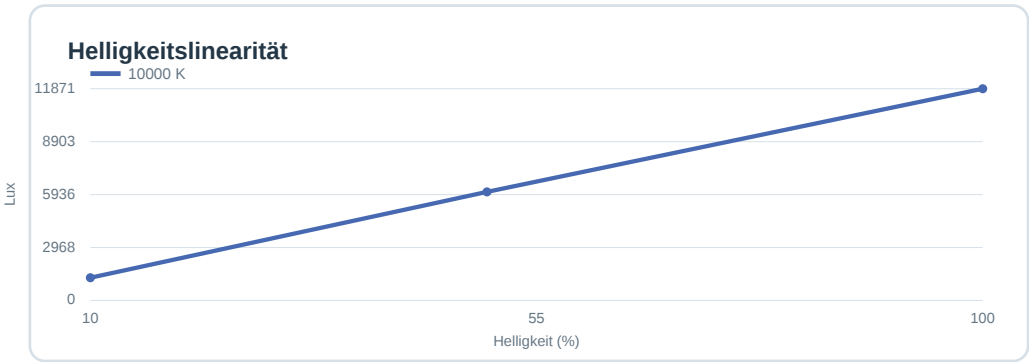
Weißlicht-Detail | Soll-CCT 10000 K

LED EVALUATOR

Stufe	Lux	CCT Ist	Duv	SDCM	Ra	R9	Peak
10%	1276	11451 K	-0.00015	28.82	98.3	98.0	442 nm
50%	6089	12145 K	-0.00144	30.64	97.4	89.0	441 nm
100%	11871	12031 K	-0.00249	30.33	96.9	92.0	441 nm

Farbmietrik	Wert
SSI	-
TM-30 Rf	-
TM-30 Rg	-
Messungen	3

Prüfung	Wert
Hellste Stufe	100%
CCT-Abweichung	2031 K
Mired-Abweichung	16.88
Quelle	OHS-142733.csv



Nanlux Evoke 150C

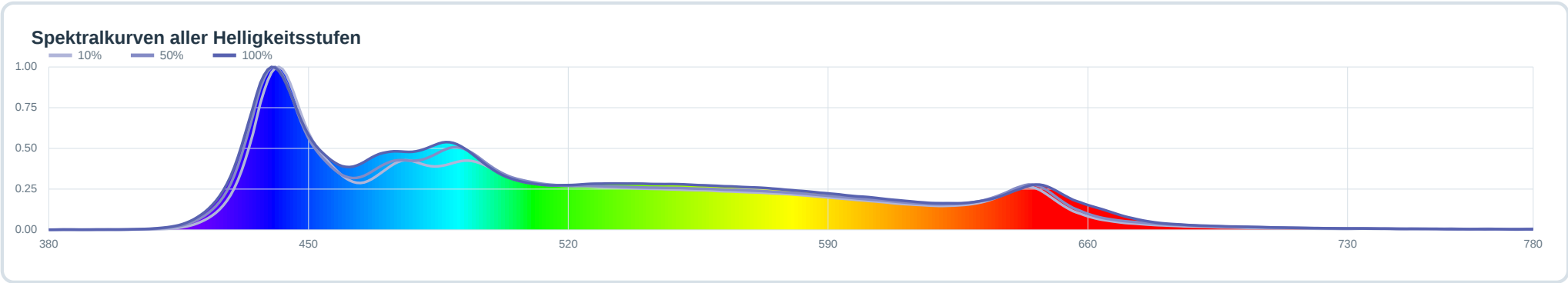
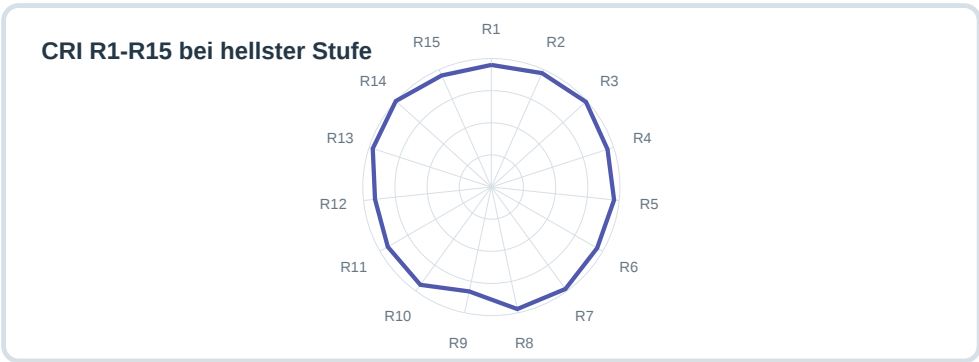
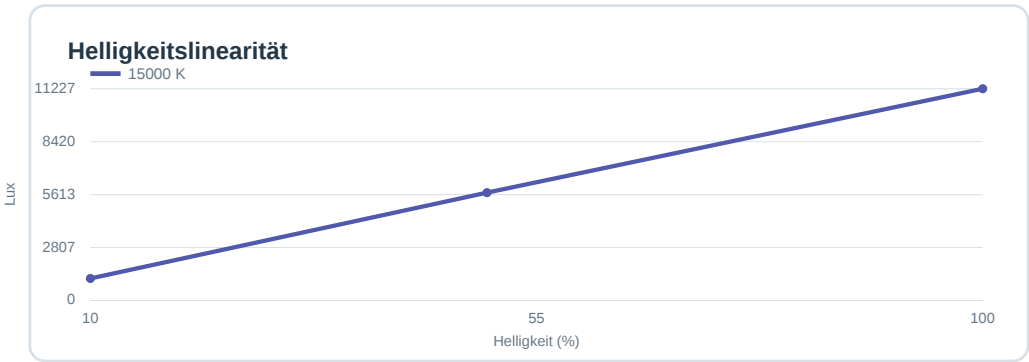
Weißlicht-Detail | Soll-CCT 15000 K

LED EVALUATOR

Stufe	Lux	CCT Ist	Duv	SDCM	Ra	R9	Peak
10%	1167	19648 K	-0.00041	41.67	97.7	89.0	442 nm
50%	5718	19912 K	-0.00125	41.74	96.9	82.0	441 nm
100%	11227	20873 K	-0.00227	42.32	96.4	83.0	440 nm

Farbmietrik	Wert
SSI	-
TM-30 Rf	-
TM-30 Rg	-
Messungen	3

Prüfung	Wert
Hellste Stufe	100%
CCT-Abweichung	5873 K
Mired-Abweichung	18.76
Quelle	OHS-142959.csv



Nanlux Evoke 150C

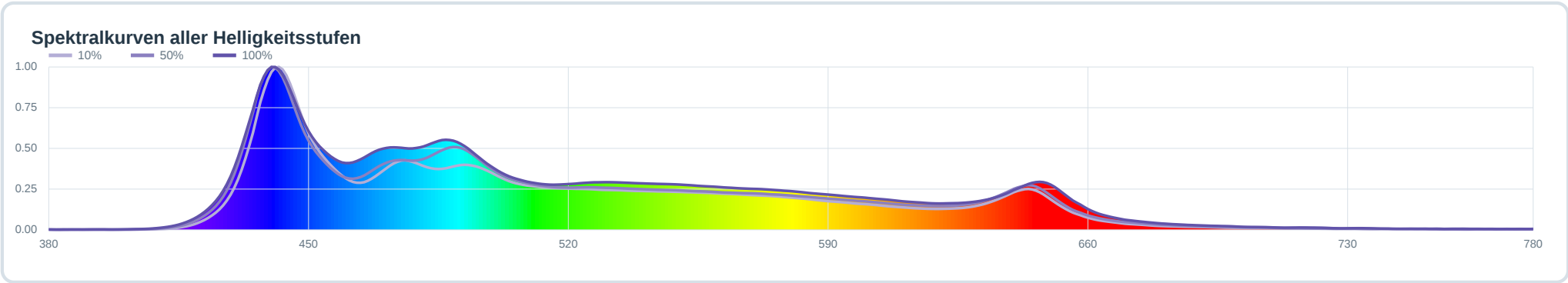
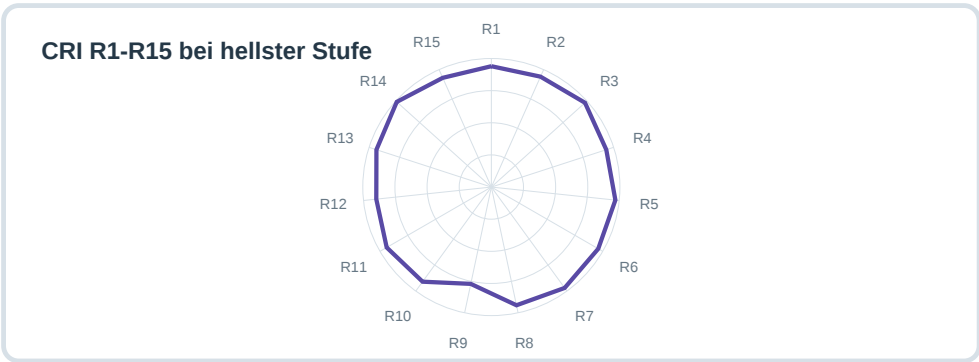
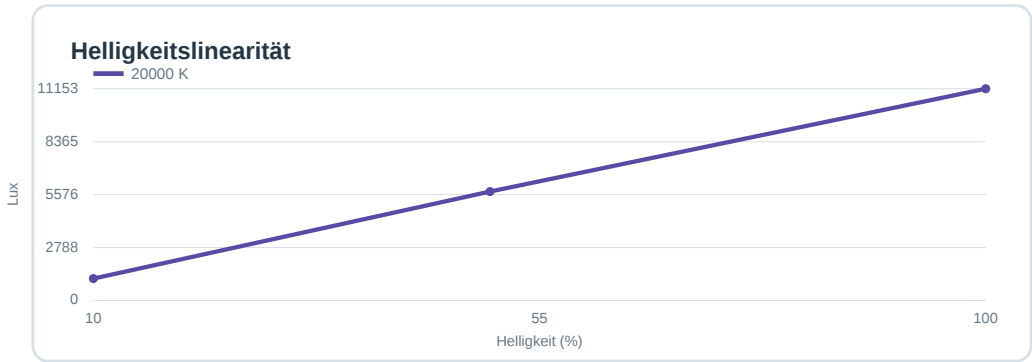
Weißlicht-Detail | Soll-CCT 20000 K

LED EVALUATOR

Stufe	Lux	CCT Ist	Duv	SDCM	Ra	R9	Peak
10%	1153	30049 K	-0.00008	47.01	97.4	87.0	442 nm
50%	5737	25863 K	-0.00105	45.28	96.2	75.0	440 nm
100%	11153	25185 K	-0.00086	45.01	95.5	77.0	440 nm

Farbmetrik	Wert
SSI	-
TM-30 Rf	-
TM-30 Rg	-
Messungen	3

Prüfung	Wert
Hellste Stufe	100%
CCT-Abweichung	5185 K
Mired-Abweichung	10.29
Quelle	OHS-143621.csv

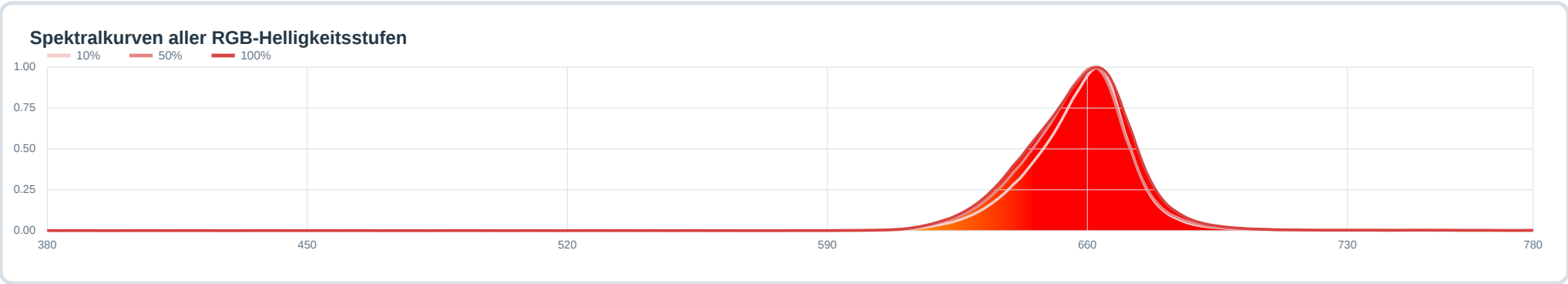
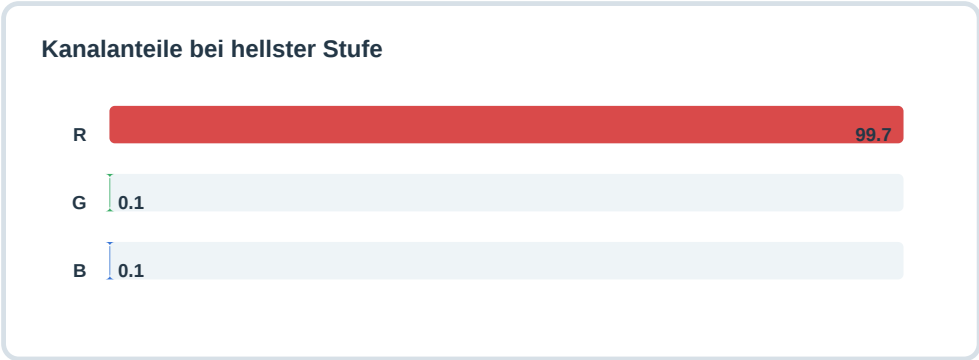
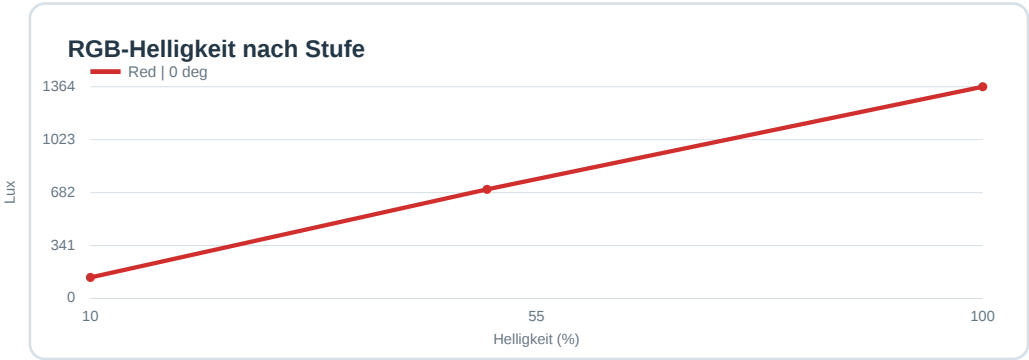




Red | 0 deg

Hue: 0.0 deg | Sättigung:

Stufe	Lux	CCT	Duv	Dominant	Purity	Peak	RGB-Verhältnis
10%	136	1000	-0.06145	643 nm	98.2%	663 nm	100/0/0
50%	703	1000	-0.06071	642 nm	98.3%	662 nm	100/0/0
100%	1364	1000	-0.06092	641 nm	99.0%	663 nm	100/0/0

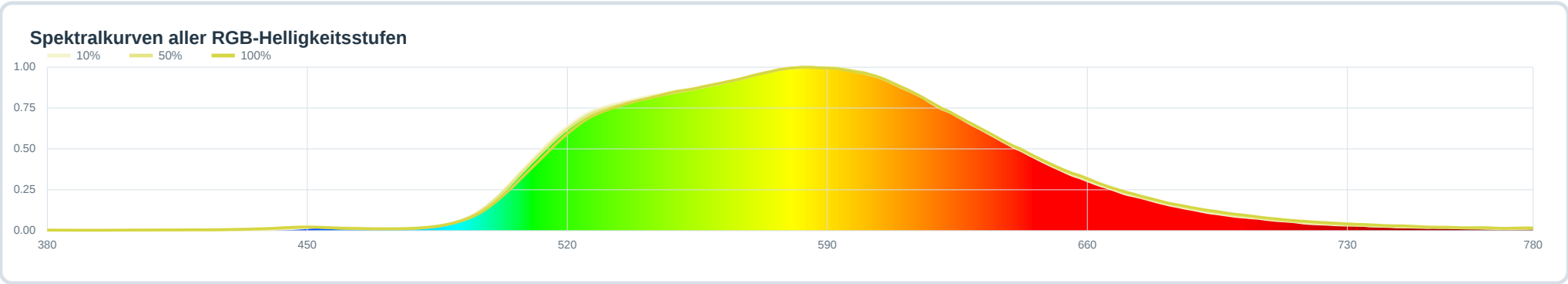
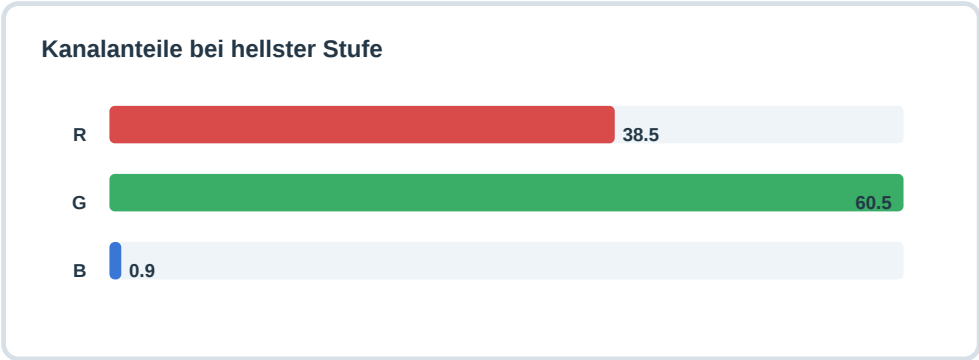
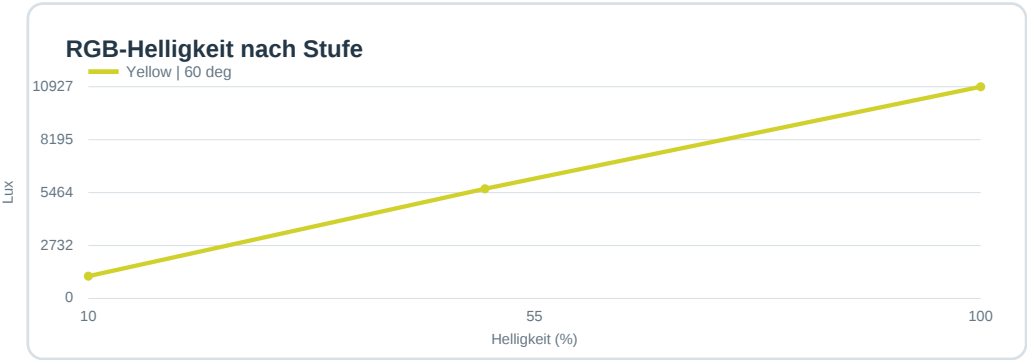


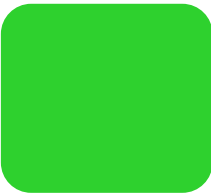


Yellow | 60 deg

Hue: 60.0 deg | Sättigung

Stufe	Lux	CCT	Duv	Dominant	Purity	Peak	RGB-Verhältnis
10%	1151	3303	0.03354	574 nm	93.3%	585 nm	38/62/1
50%	5662	3265	0.03287	575 nm	93.4%	585 nm	38/61/1
100%	10927	3244	0.03217	575 nm	93.3%	585 nm	38/60/1

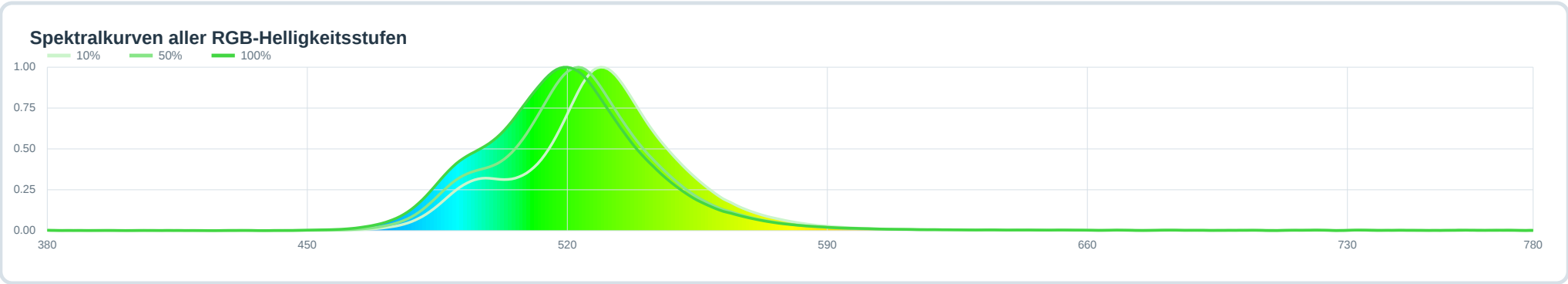
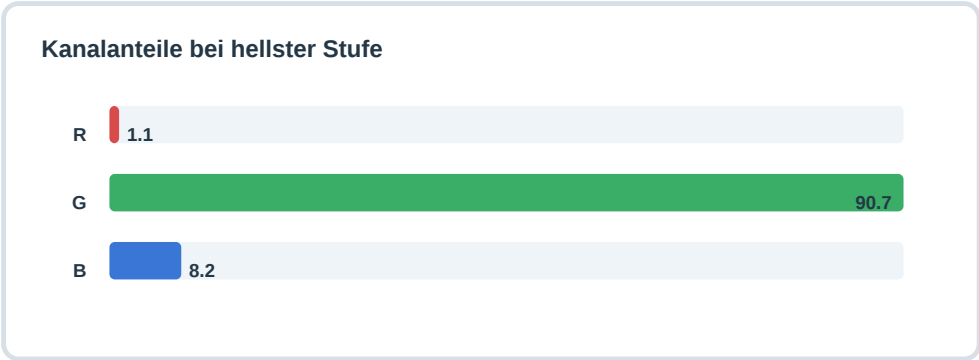
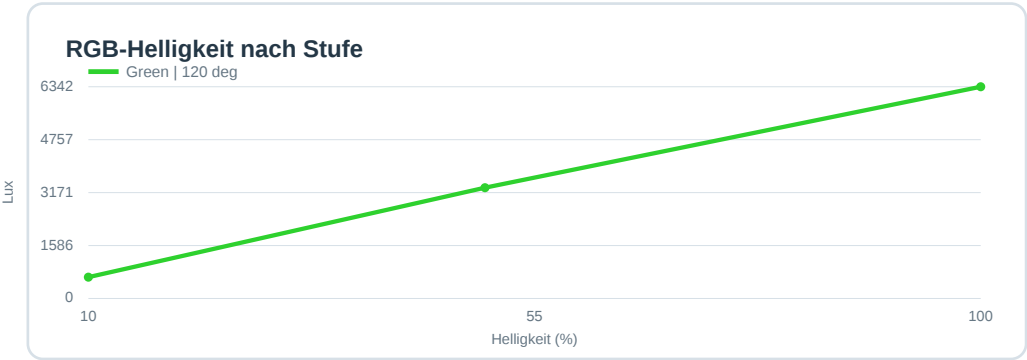




Green | 120 deg

Hue: 120.0 deg | Sättigung

Stufe	Lux	CCT	Duv	Dominant	Purity	Peak	RGB-Verhältnis
10%	639	7403	0.14378	532 nm	77.9%	529 nm	1/94/4
50%	3318	8084	0.15317	524 nm	71.7%	523 nm	1/93/6
100%	6342	8445	0.15440	519 nm	66.7%	520 nm	1/91/8

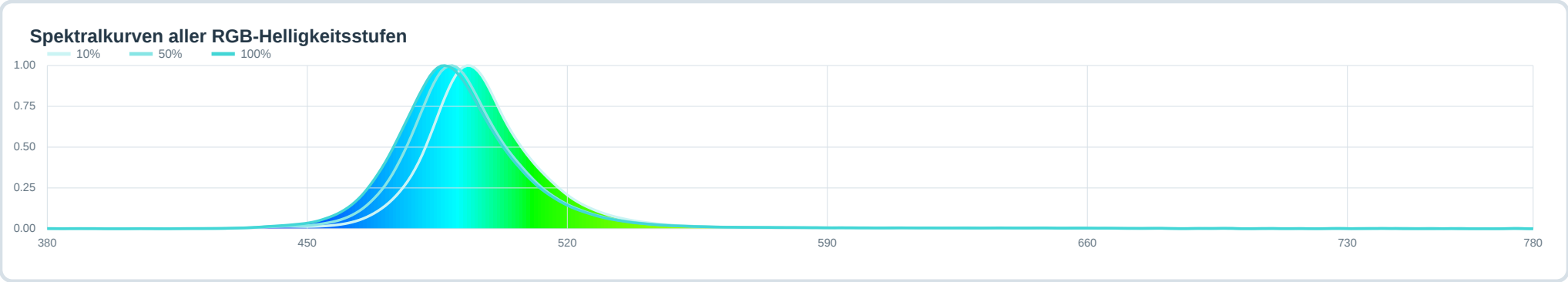
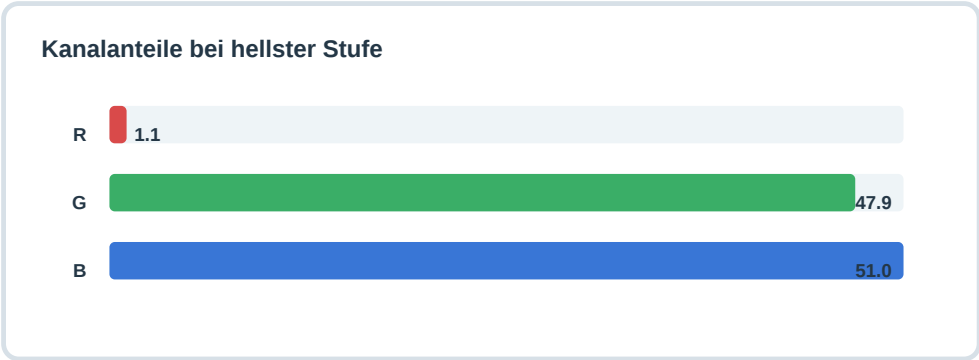
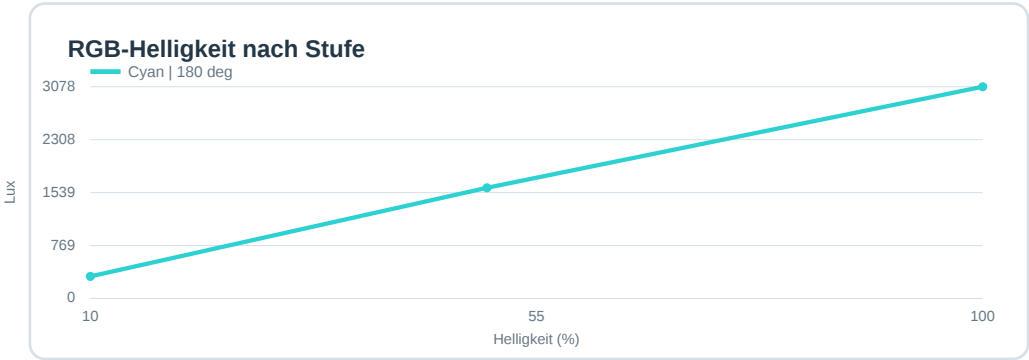




Cyan | 180 deg

Hue: 180.0 deg | Sättigung

Stufe	Lux	CCT	Duv	Dominant	Purity	Peak	RGB-Verhältnis
10%	321	26422	0.14778	495 nm	81.6%	493 nm	1/68/31
50%	1609	100000	0.12809	491 nm	82.7%	489 nm	2/54/45
100%	3078	100000	0.11714	489 nm	84.3%	487 nm	1/48/51



Nanlux Evoke 150C

RGB-Detail | Blue | 240 deg

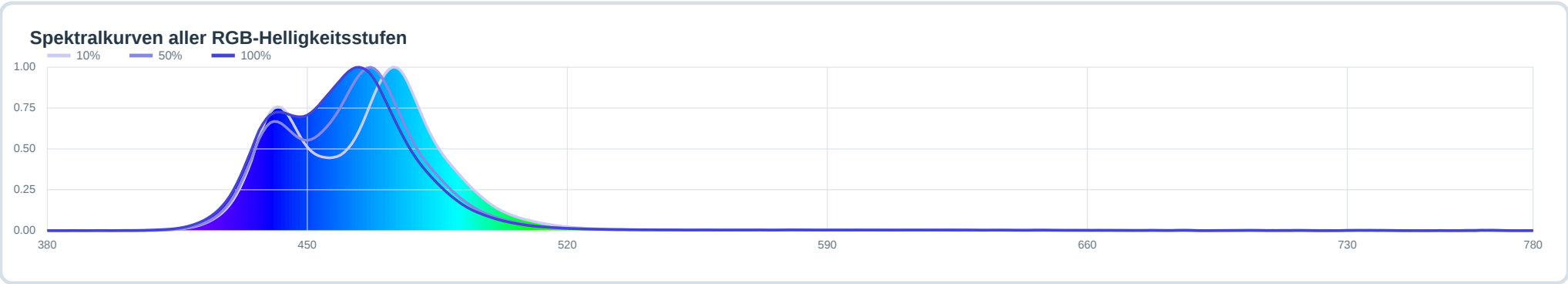
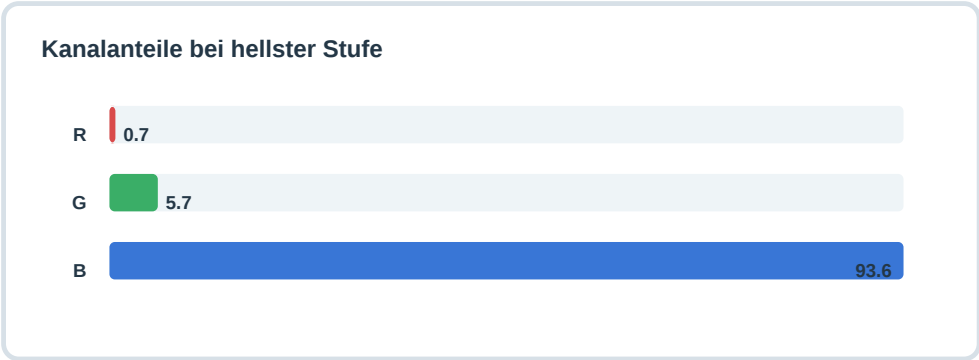
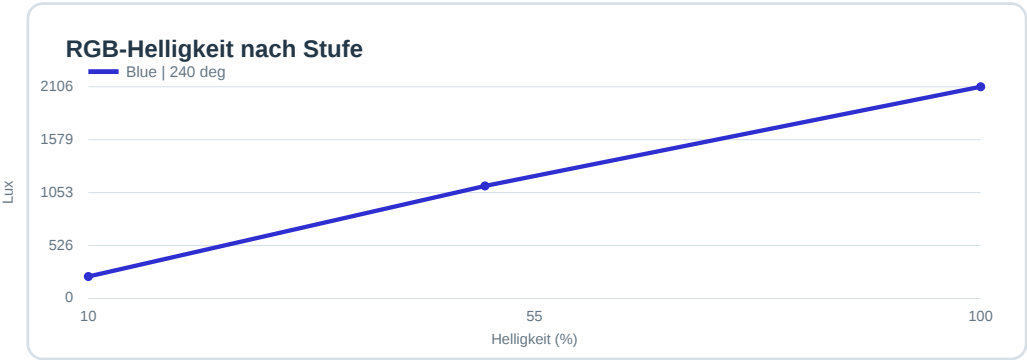
LED EVALUATOR



Blue | 240 deg

Hue: 240.0 deg | Sättigung

Stufe	Lux	CCT	Duv	Dominant	Purity	Peak	RGB-Verhältnis
10%	218	100000	-0.01148	469 nm	94.4%	473 nm	1/10/89
50%	1119	100000	-0.03077	466 nm	95.8%	467 nm	0/7/93
100%	2106	100000	-0.03974	464 nm	96.1%	464 nm	1/6/94

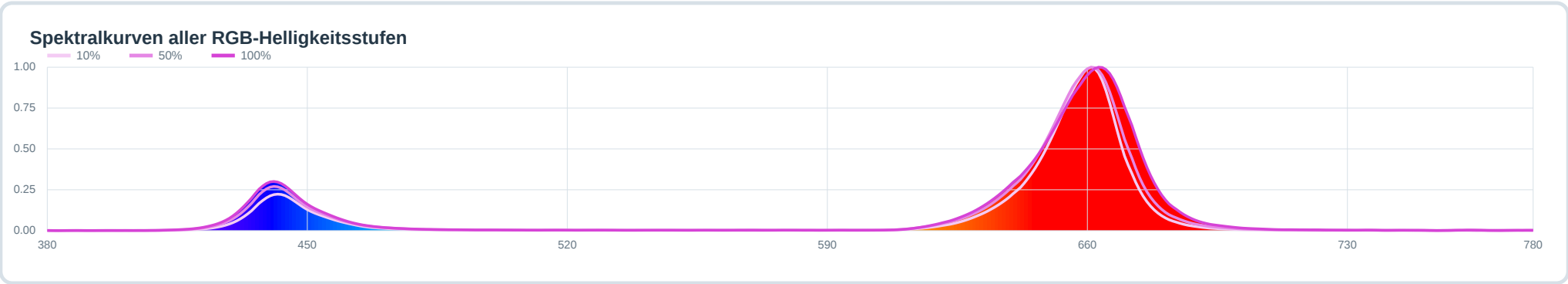
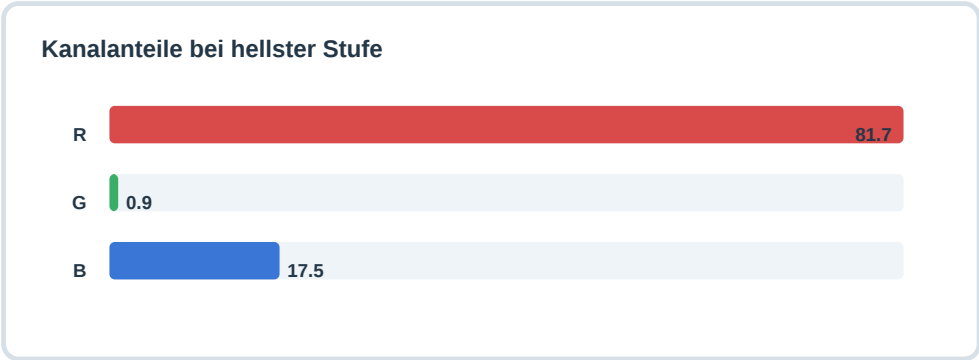
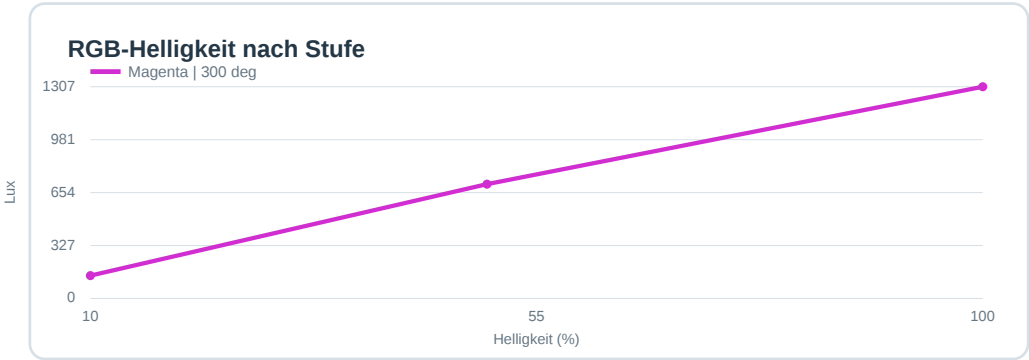




Magenta | 300 deg

Hue: 300.0 deg | Sättigung

Stufe	Lux	CCT	Duv	Dominant	Purity	Peak	RGB-Verhältnis
10%	141	1067	-0.13789	529 nm	40.2%	661 nm	84/1/16
50%	706	1097	-0.14392	534 nm	43.3%	661 nm	82/1/17
100%	1307	1128	-0.14916	538 nm	46.4%	663 nm	82/1/18



Reflektor	CCT Soll	Lux	EV	CCT Ist	Duv	Quelle
BDR-W55	5500 K	1895	9.57	5905 K	0.00423	OHS-143909.csv
Kit-Reflektor	5500 K	23746	13.21	5991 K	-0.00085	OHS-144013.csv
Standardreflektor	5500 K	21915	13.10	5930 K	-0.00074	OHS-143748.csv

Max EV je Reflektor

