Godox ML150RF

Measurement overview | 100 % measurements and reflectors

LED EVALUATOR

Key values at maximum brightness

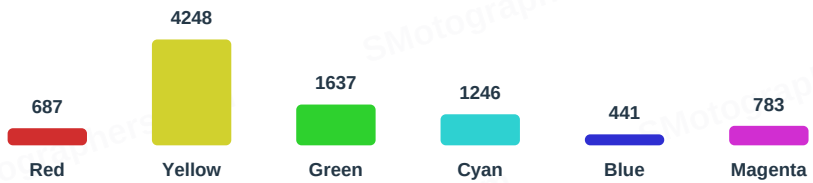
For each target CCT and RGB hue the highest available brightness level is shown. EV = log2(2 x lux / 5).
Duv, CRI/R9, SSI, TM-30 and TLCI are not reported for saturated RGB colours, where they are not meaningful. TLCI is for information only.

Type	Target CCT / hue	Level	Lux	EV	Measured CCT / hue	Duv	CRI Ra	R9	SSI	TM-30 Rf	TM-30 Rg	TLCI	Source
White	2700 K	100%	2880	10.17	2807 K	-0.00338	98.1	99.0	92.0	97.0	102.0	97	OHS-172825.csv
White	3200 K	100%	4623	10.85	3229 K	-0.00263	98.5	98.0	91.0	97.0	102.0	98	OHS-172845.csv
White	5500 K	100%	4657	10.86	5509 K	-0.00218	98.0	98.0	86.0	97.0	101.0	98	OHS-172901.csv
White	6500 K	100%	4487	10.81	6619 K	0.00066	97.9	92.0	83.0	96.0	100.0	99	OHS-172916.csv
White	10000 K	100%	4007	10.65	10429 K	0.00253	98.5	96.0	78.0	96.0	99.0	99	OHS-172932.csv
Red	0.0 deg	100%	687	8.10	0.0 deg	-	-	-	-	-	-	-	OHS-173824.csv
Yellow	60.0 deg	100%	4248	10.73	62.5 deg	-	-	-	-	-	-	-	OHS-173835.csv
Green	120.0 deg	100%	1637	9.35	120.0 deg	-	-	-	-	-	-	-	OHS-173847.csv
Cyan	180.0 deg	100%	1246	8.96	178.0 deg	-	-	-	-	-	-	-	OHS-173858.csv
Blue	240.0 deg	100%	441	7.46	256.1 deg	-	-	-	-	-	-	-	OHS-173908.csv
Magenta	300.0 deg	100%	783	8.29	310.4 deg	-	-	-	-	-	-	-	OHS-173923.csv

White light output at 100 % across all CCTs



RGB output at 100 % across all colours



Output with all reflectors

Reflector	Target CCT	Level	Lux	EV	Measured CCT	Duv	CRI Ra	R9	Source
BDR-W55	5500 K	100%	1440	9.17	5643 K	0.00257	96.7	85.0	OHS-173137.csv
Kit reflector	5500 K	100%	11417	12.16	5447 K	-0.00180	98.4	98.0	OHS-173307.csv
Standard reflector	5500 K	100%	19402	12.92	5622 K	-0.00123	98.0	95.0	OHS-173041.csv

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Godox ML150RF

LED Lab Report | Lab-Test

LED EVALUATOR

TOTAL	COLOUR	POWER	USABILITY	RGB
74.5	83.2	76.8	74.8	63.5

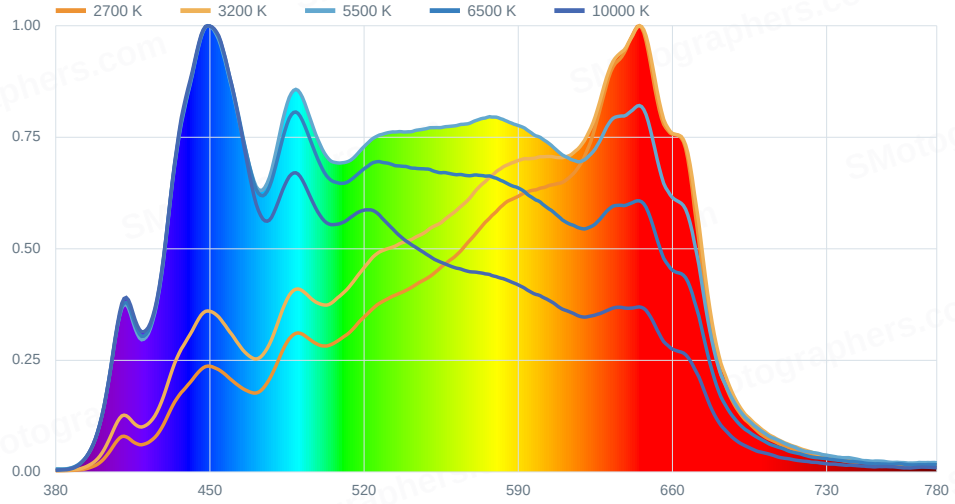
Luminaire	Value	Test	Value
LED type	RGB	Power	138.0 W
Test date	2026-07-30	Distance	1.00 m
Modifier	Lab-Standard	Mode	Linear (current)
RGB in total	Yes	Measurements	36

Target CCT	Max Lux	Measured CCT	Duv	Ra	SSI	Rf	Rg	TLCI
2700 K	2880	2807	-0.00338	98.1	92.0	97.0	102.0	97
3200 K	4623	3229	-0.00263	98.5	91.0	97.0	102.0	98
5500 K	4657	5509	-0.00218	98.0	86.0	97.0	101.0	98
6500 K	4487	6619	0.00066	97.9	83.0	96.0	100.0	99
10000 K	4007	10429	0.00253	98.5	78.0	96.0	99.0	99

Output across CCTs and levels



Spectrum at maximum brightness



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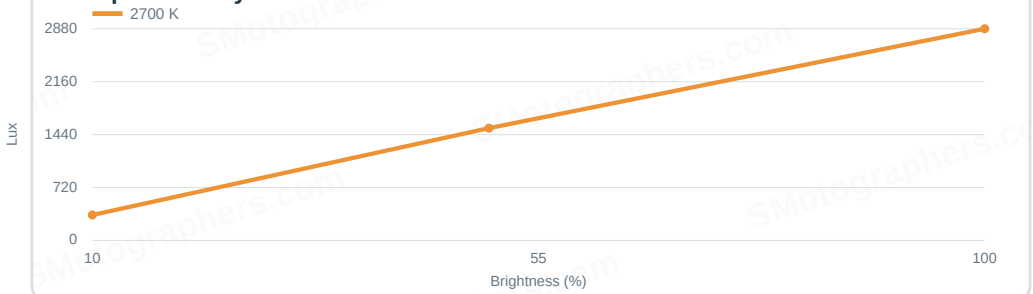
White light detail | Target CCT 2700 K

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	347	2789 K	-0.00414	2.36	94.5	81.0	645 nm
50%	1528	2754 K	-0.00401	3.84	95.9	90.0	643 nm
100%	2880	2807 K	-0.00338	2.42	98.1	99.0	645 nm

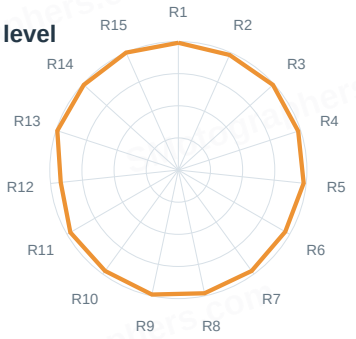
Colour metric	Value
SSI	92
TM-30 Rf	97
TM-30 Rg	102
TLCI (Info)	97
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	107 K
Mired deviation	14.12
Source	OHS-172825.csv

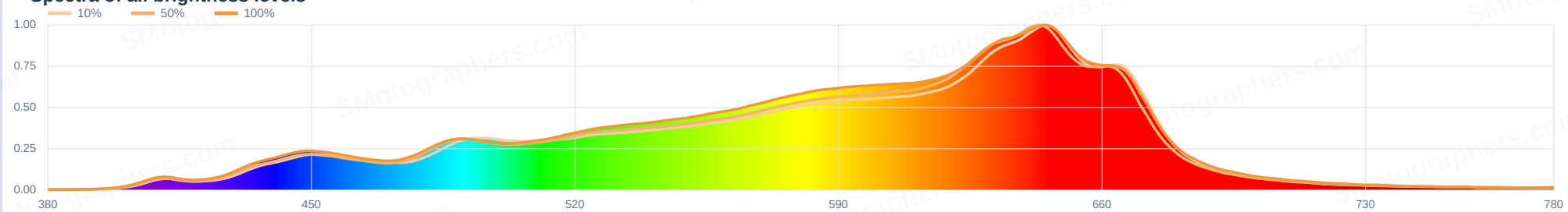
Output linearity



CRI R1-R15 at brightest level



Spectra of all brightness levels



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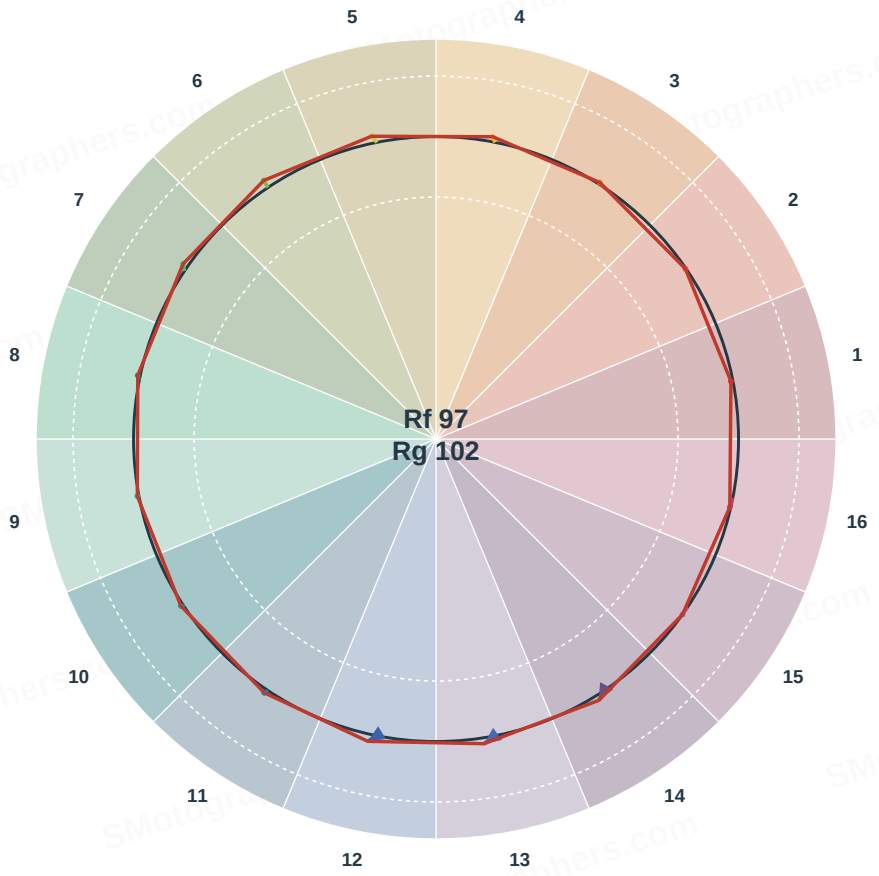
Godox ML150RF

ANSI/IES TM-30 colour rendition | Target CCT 2700 K

LED EVALUATOR

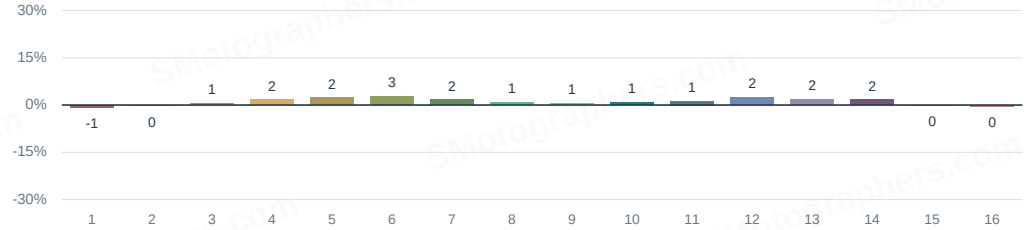
TM-30 RF	TM-30 RG	SSI [P2804]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
97	102	92	2805 K	-0.0034	97	100 %

Color Vector Graphic

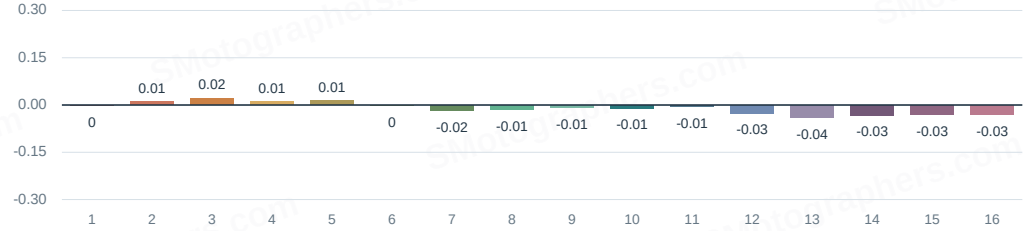


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

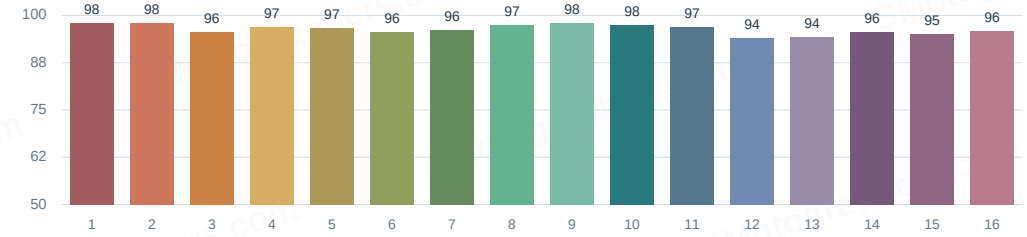
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



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Godox ML150RF

TM-30 colour swatches: reference vs. measurement | Target CCT 2700 K

LED EVALUATOR

TM-30 RF	TM-30 RG	SSI [P2804]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
97	102	92	2805 K	-0.0034	97	100 %

Hue bins 1-16: average per bin



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
-1 % Chroma	-0 % Chroma	+1 % Chroma	+2 % Chroma	+2 % Chroma	+3 % Chroma	+2 % Chroma	+1 % Chroma	+1 % Chroma	+1 % Chroma	+1 % Chroma	+2 % Chroma	+2 % Chroma	+2 % Chroma	-0 % Chroma	-0 % Chroma

Colour samples CES 1-99 (left reference, right measurement; sorted by hue bin)

CES 1 Rf 99	CES 2 Rf 99	CES 3 Rf 98	CES 4 Rf 99	CES 5 Rf 98	CES 6 Rf 94	CES 7 Rf 98	CES 8 Rf 98	CES 9 Rf 99	CES 98 Rf 97	CES 99 Rf 99
CES 10 Rf 98	CES 11 Rf 97	CES 12 Rf 98	CES 13 Rf 98	CES 14 Rf 99	CES 15 Rf 99	CES 16 Rf 96	CES 17 Rf 93	CES 18 Rf 98	CES 19 Rf 98	CES 20 Rf 92
CES 21 Rf 97	CES 22 Rf 96	CES 23 Rf 99	CES 24 Rf 98	CES 25 Rf 97	CES 26 Rf 96	CES 27 Rf 100	CES 28 Rf 99	CES 29 Rf 94	CES 30 Rf 95	CES 31 Rf 95
CES 33 Rf 95	CES 36 Rf 98	CES 32 Rf 93	CES 34 Rf 96	CES 35 Rf 98	CES 37 Rf 94	CES 38 Rf 97	CES 39 Rf 99	CES 40 Rf 98	CES 41 Rf 96	CES 42 Rf 96
CES 43 Rf 94	CES 44 Rf 100	CES 45 Rf 96	CES 46 Rf 96	CES 47 Rf 92	CES 48 Rf 97	CES 49 Rf 96	CES 50 Rf 98	CES 51 Rf 98	CES 52 Rf 98	CES 53 Rf 96
CES 54 Rf 99	CES 55 Rf 99	CES 56 Rf 97	CES 57 Rf 97	CES 58 Rf 97	CES 59 Rf 100	CES 61 Rf 99	CES 60 Rf 99	CES 62 Rf 94	CES 64 Rf 98	CES 65 Rf 99
CES 66 Rf 97	CES 67 Rf 98	CES 68 Rf 98	CES 63 Rf 95	CES 69 Rf 98	CES 70 Rf 98	CES 71 Rf 96	CES 72 Rf 99	CES 73 Rf 96	CES 75 Rf 97	CES 74 Rf 89
CES 76 Rf 97	CES 77 Rf 94	CES 78 Rf 95	CES 79 Rf 95	CES 80 Rf 95	CES 81 Rf 91	CES 82 Rf 97	CES 83 Rf 95	CES 84 Rf 98	CES 85 Rf 91	CES 86 Rf 96
CES 87 Rf 96	CES 88 Rf 97	CES 89 Rf 91	CES 90 Rf 98	CES 91 Rf 95	CES 92 Rf 96	CES 93 Rf 97	CES 94 Rf 92	CES 95 Rf 96	CES 96 Rf 98	CES 97 Rf 97

Shown as corresponding colours in sRGB (CAM02-UCS, adapted to D65); screen and print reproduction is only an approximation.

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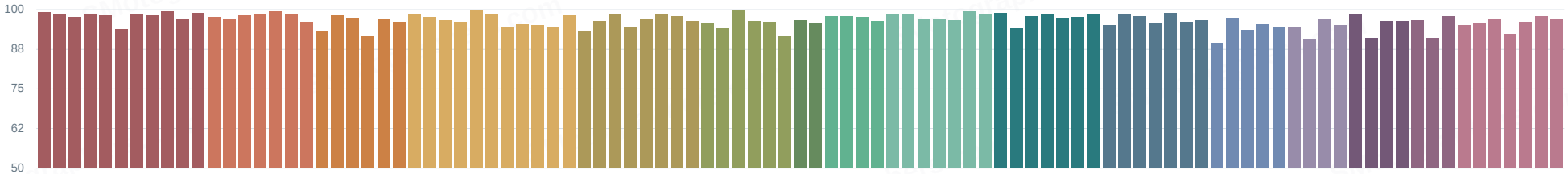
Godox ML150RF

TM-30 colour samples & Academy SSI | Target CCT 2700 K

LED EVALUATOR

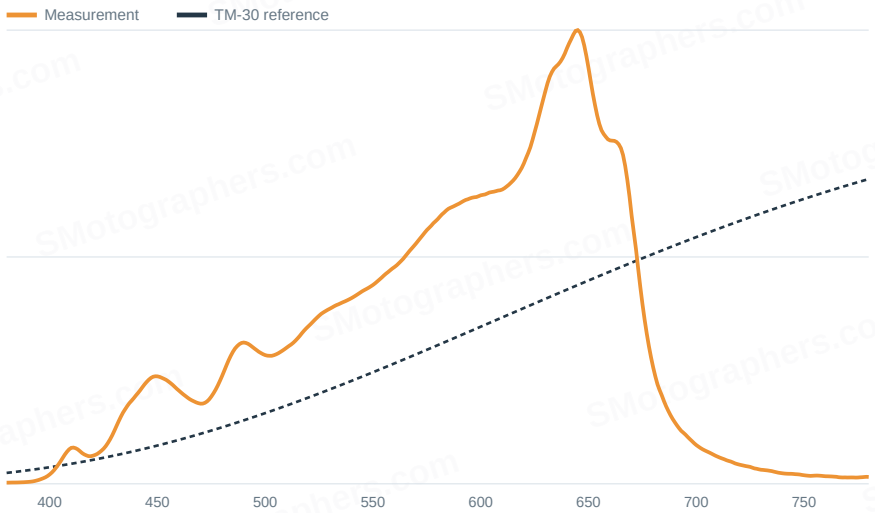
TM-30 RF	TM-30 RG	SSI [P2804]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
97	102	92	2805 K	-0.0034	97	100 %

Fidelity per colour sample Rf,CES1-99

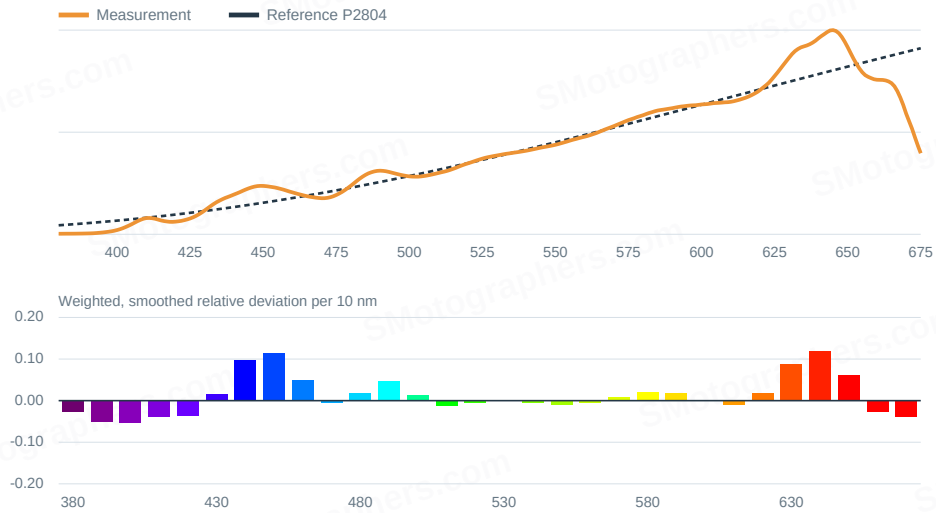


Samples sorted by hue bin 1-16; colour = hue bin.

Spectrum vs. TM-30 reference (equal area)



Academy SSI [P2804]



Reference as in the Academy SSI calculator (default): Planckian below 4000 K, CIE daylight from 4000 K, each at the measured CCT.

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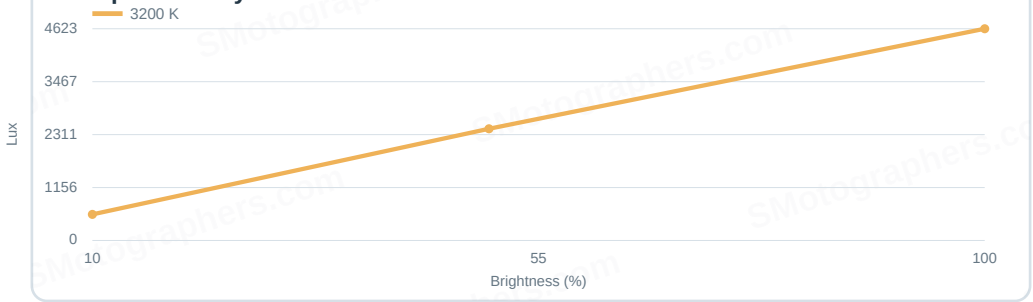
White light detail | Target CCT 3200 K

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	570	3294 K	-0.00325	5.64	96.5	90.0	644 nm
50%	2439	3330 K	-0.00274	4.60	97.7	96.0	643 nm
100%	4623	3229 K	-0.00263	6.91	98.5	98.0	645 nm

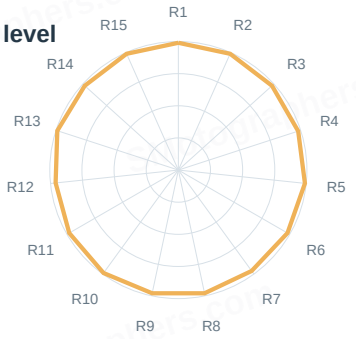
Colour metric	Value
SSI	91
TM-30 Rf	97
TM-30 Rg	102
TLCI (Info)	98
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	29 K
Mired deviation	2.81
Source	OHS-172845.csv

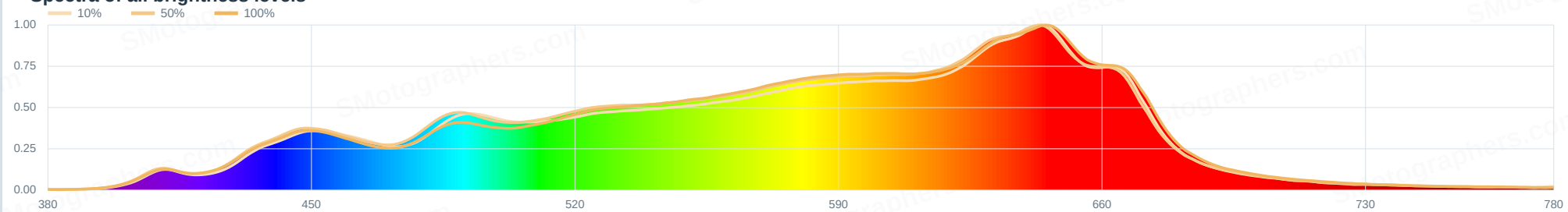
Output linearity



CRI R1-R15 at brightest level



Spectra of all brightness levels



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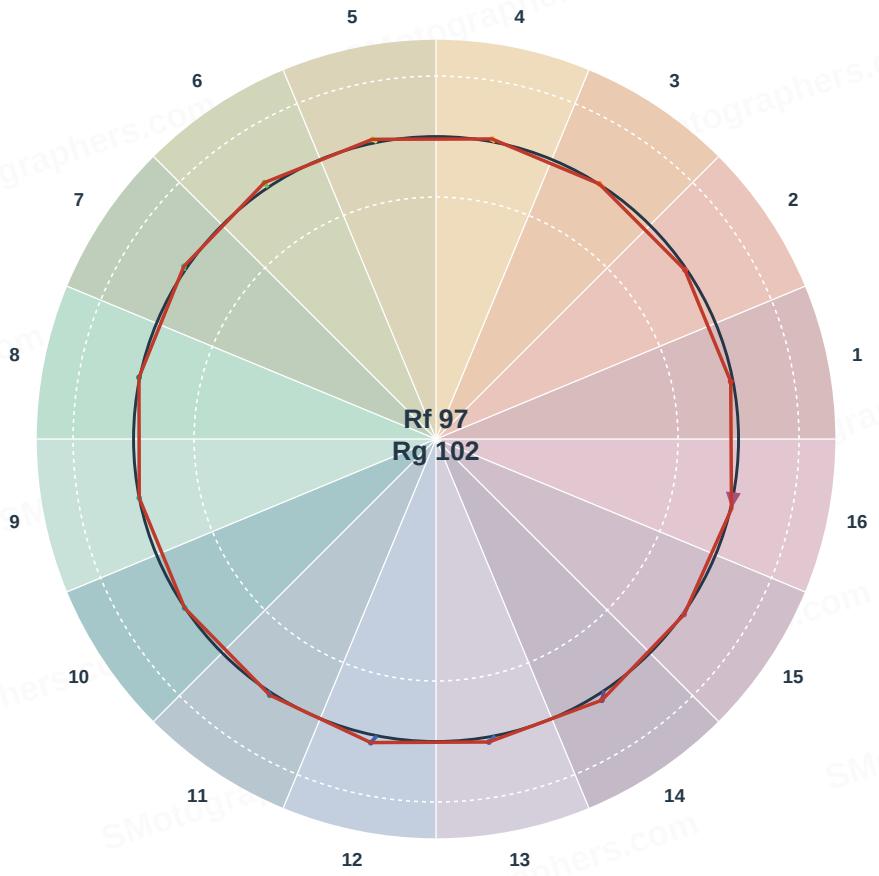
Godox ML150RF

ANSI/IES TM-30 colour rendition | Target CCT 3200 K

LED EVALUATOR

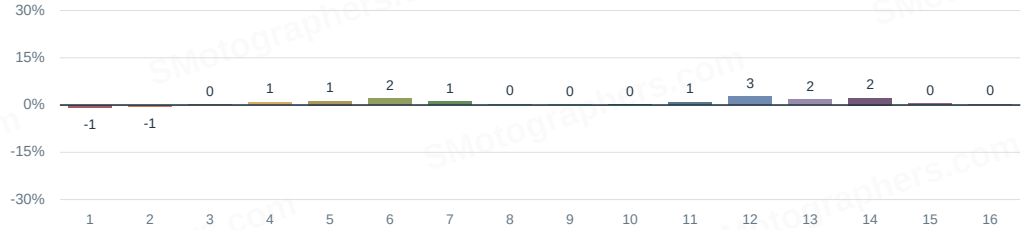
TM-30 RF	TM-30 RG	SSI [P3240]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
97	102	91	3230 K	-0.0026	98	100 %

Color Vector Graphic

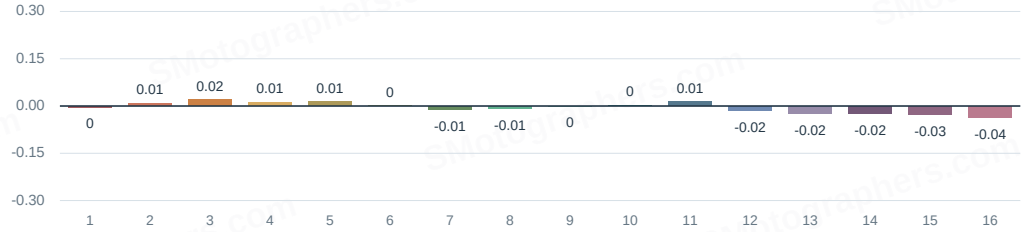


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

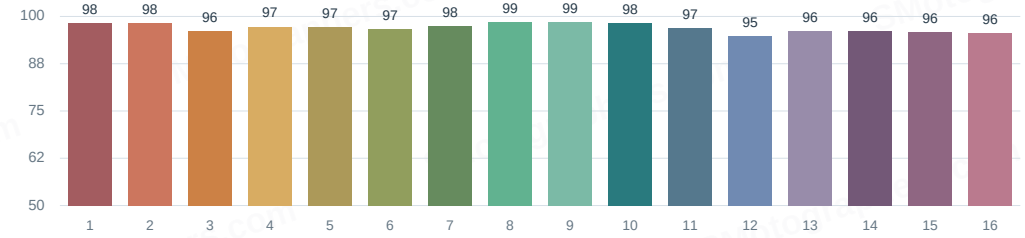
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



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Godox ML150RF

TM-30 colour swatches: reference vs. measurement | Target CCT 3200 K

LED EVALUATOR

TM-30 RF	TM-30 RG	SSI [P3240]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
97	102	91	3230 K	-0.0026	98	100 %

Hue bins 1-16: average per bin



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
-1 % Chroma	-1 % Chroma	+0 % Chroma	+1 % Chroma	+1 % Chroma	+2 % Chroma	+1 % Chroma	+0 % Chroma	+0 % Chroma	+0 % Chroma	+1 % Chroma	+3 % Chroma	+2 % Chroma	+2 % Chroma	+0 % Chroma	+0 % Chroma

Colour samples CES 1-99 (left reference, right measurement; sorted by hue bin)

CES 1 Rf 99	CES 2 Rf 99	CES 3 Rf 97	CES 4 Rf 99	CES 5 Rf 98	CES 6 Rf 95	CES 7 Rf 99	CES 8 Rf 98	CES 9 Rf 100	CES 98 Rf 97	CES 99 Rf 99
CES 10 Rf 98	CES 11 Rf 97	CES 12 Rf 98	CES 13 Rf 99	CES 14 Rf 99	CES 15 Rf 99	CES 16 Rf 97	CES 17 Rf 94	CES 18 Rf 99	CES 19 Rf 97	CES 20 Rf 93
CES 21 Rf 97	CES 22 Rf 97	CES 23 Rf 99	CES 24 Rf 97	CES 25 Rf 97	CES 26 Rf 97	CES 27 Rf 99	CES 28 Rf 99	CES 29 Rf 96	CES 30 Rf 97	CES 31 Rf 96
CES 32 Rf 94	CES 33 Rf 96	CES 34 Rf 97	CES 35 Rf 98	CES 36 Rf 96	CES 37 Rf 94	CES 38 Rf 99	CES 39 Rf 99	CES 40 Rf 99	CES 41 Rf 98	CES 42 Rf 96
CES 43 Rf 96	CES 44 Rf 100	CES 45 Rf 97	CES 46 Rf 97	CES 47 Rf 94	CES 48 Rf 98	CES 49 Rf 97	CES 50 Rf 99	CES 51 Rf 99	CES 52 Rf 99	CES 53 Rf 98
CES 54 Rf 99	CES 55 Rf 99	CES 56 Rf 98	CES 57 Rf 98	CES 58 Rf 98	CES 59 Rf 99	CES 60 Rf 99	CES 61 Rf 98	CES 62 Rf 97	CES 64 Rf 99	CES 65 Rf 99
CES 66 Rf 99	CES 67 Rf 99	CES 68 Rf 97	CES 63 Rf 98	CES 69 Rf 97	CES 70 Rf 96	CES 71 Rf 98	CES 72 Rf 98	CES 73 Rf 95	CES 75 Rf 98	CES 76 Rf 96
CES 74 Rf 92	CES 77 Rf 96	CES 78 Rf 95	CES 79 Rf 97	CES 80 Rf 96	CES 81 Rf 94	CES 82 Rf 98	CES 83 Rf 97	CES 84 Rf 98	CES 85 Rf 92	CES 86 Rf 97
CES 87 Rf 96	CES 88 Rf 97	CES 89 Rf 92	CES 90 Rf 99	CES 92 Rf 95	CES 91 Rf 93	CES 93 Rf 97	CES 94 Rf 93	CES 95 Rf 95	CES 96 Rf 98	CES 97 Rf 97

Shown as corresponding colours in sRGB (CAM02-UCS, adapted to D65); screen and print reproduction is only an approximation.

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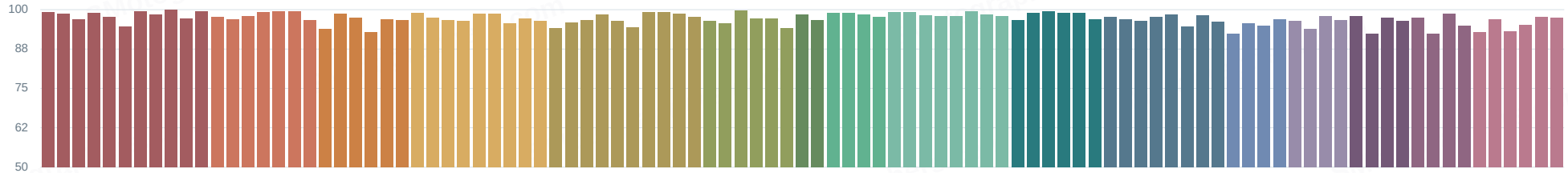
Godox ML150RF

TM-30 colour samples & Academy SSI | Target CCT 3200 K

LED EVALUATOR

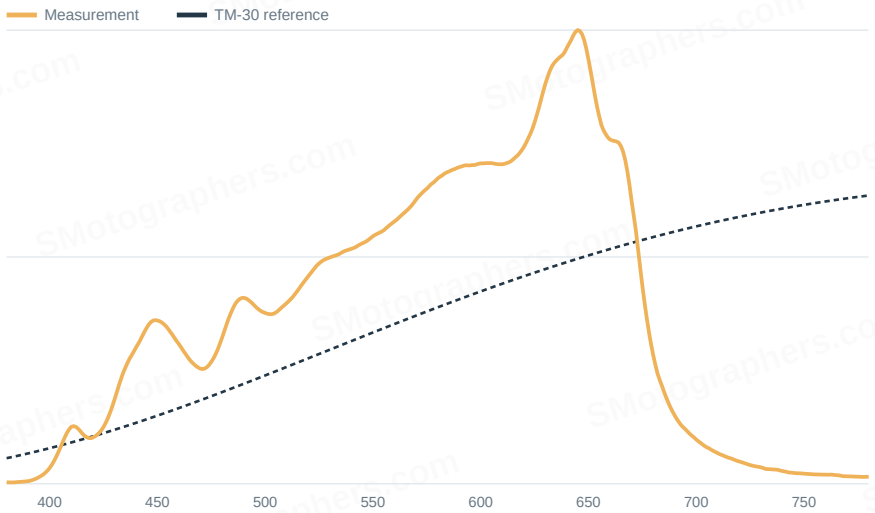
TM-30 RF	TM-30 RG	SSI [P3240]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
97	102	91	3230 K	-0.0026	98	100 %

Fidelity per colour sample Rf,CES1-99



Samples sorted by hue bin 1-16; colour = hue bin.

Spectrum vs. TM-30 reference (equal area)



Academy SSI [P3240]



Reference as in the Academy SSI calculator (default): Planckian below 4000 K, CIE daylight from 4000 K, each at the measured CCT.

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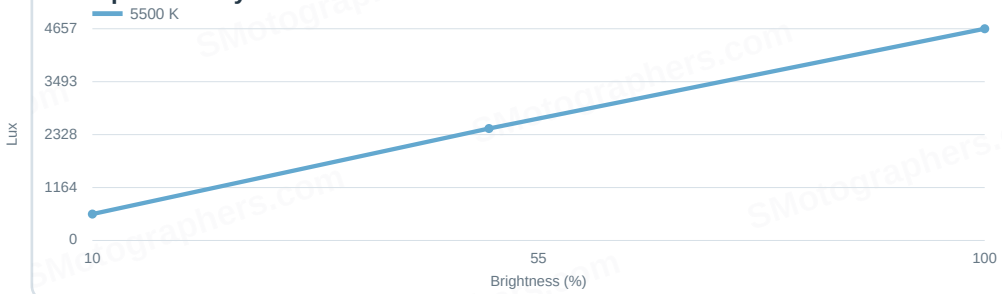
White light detail | Target CCT 5500 K

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	581	5783 K	-0.00042	3.58	96.3	88.0	450 nm
50%	2462	5575 K	-0.00122	4.47	98.2	99.0	449 nm
100%	4657	5509 K	-0.00218	6.01	98.0	98.0	450 nm

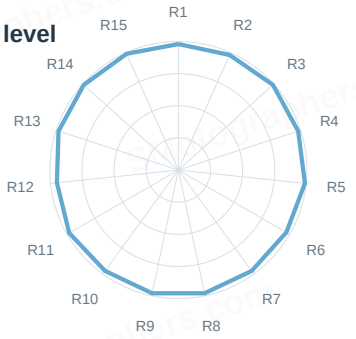
Colour metric	Value
SSI	86
TM-30 Rf	97
TM-30 Rg	101
TLCI (Info)	98
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	9 K
Mired deviation	0.30
Source	OHS-172901.csv

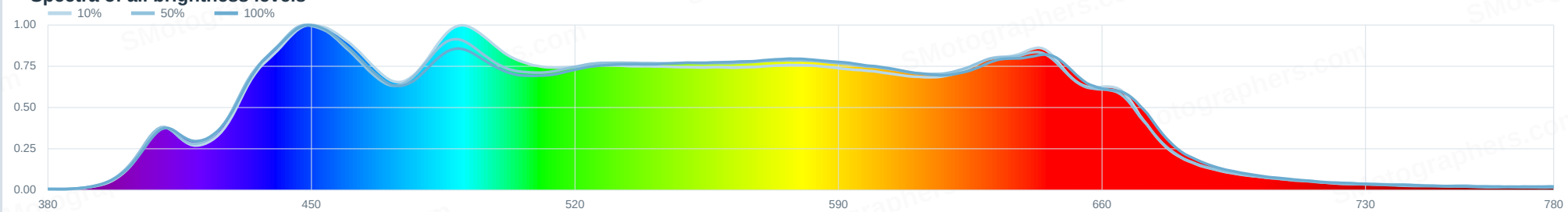
Output linearity



CRI R1-R15 at brightest level



Spectra of all brightness levels



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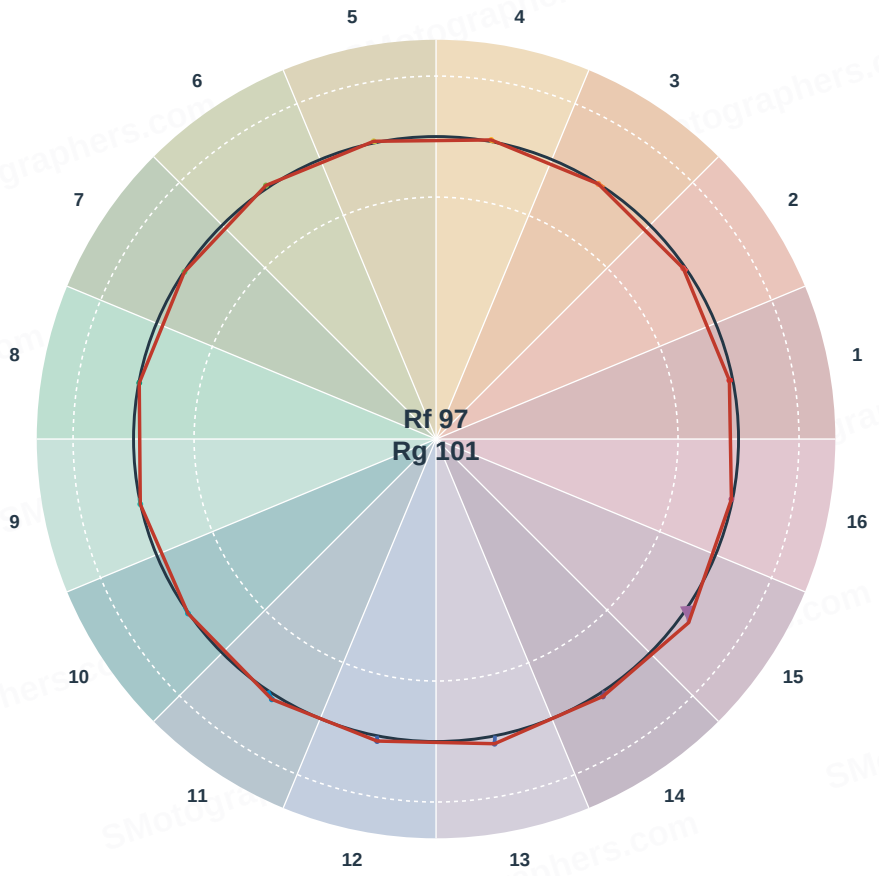
Godox ML150RF

ANSI/IES TM-30 colour rendition | Target CCT 5500 K

LED EVALUATOR

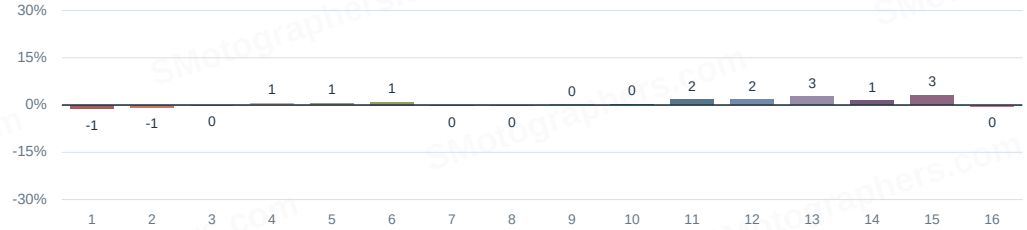
TM-30 RF	TM-30 RG	SSI [D5511]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
97	101	86	5509 K	-0.0021	98	100 %

Color Vector Graphic

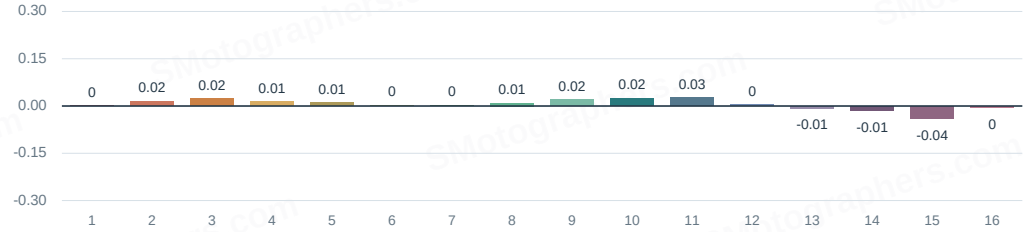


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

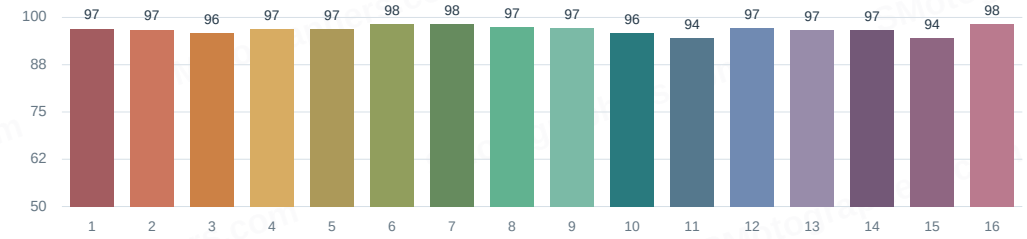
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



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Godox ML150RF

TM-30 colour swatches: reference vs. measurement | Target CCT 5500 K

LED EVALUATOR

TM-30 RF	TM-30 RG	SSI [D5511]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
97	101	86	5509 K	-0.0021	98	100 %

Hue bins 1-16: average per bin



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
-1 % Chroma	-1 % Chroma	-0 % Chroma	+1 % Chroma	+1 % Chroma	+1 % Chroma	-0 % Chroma	-0 % Chroma	+0 % Chroma	+0 % Chroma	+2 % Chroma	+2 % Chroma	+3 % Chroma	+1 % Chroma	+3 % Chroma	-0 % Chroma

Colour samples CES 1-99 (left reference, right measurement; sorted by hue bin)

| | | |

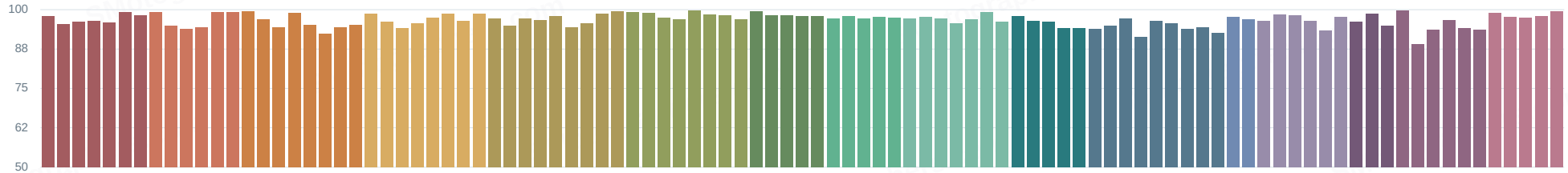
Godox ML150RF

TM-30 colour samples & Academy SSI | Target CCT 5500 K

LED EVALUATOR

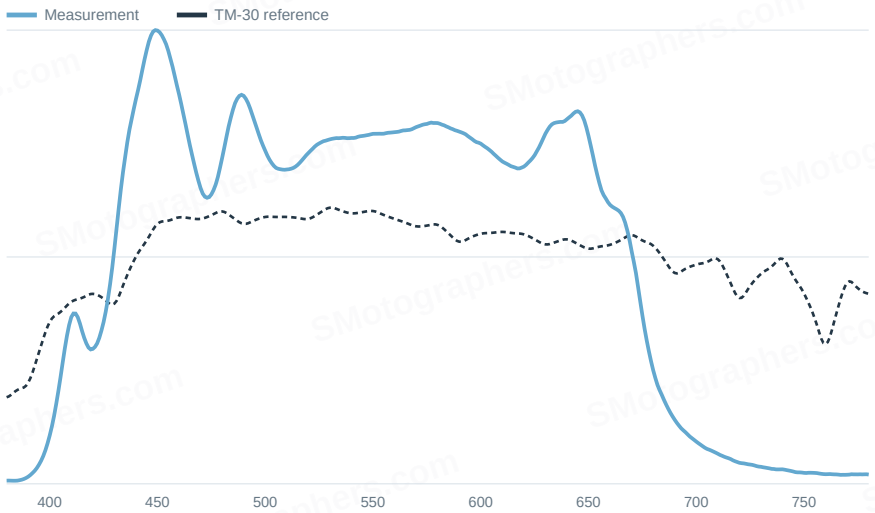
TM-30 RF	TM-30 RG	SSI [D5511]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
97	101	86	5509 K	-0.0021	98	100 %

Fidelity per colour sample Rf,CES1-99

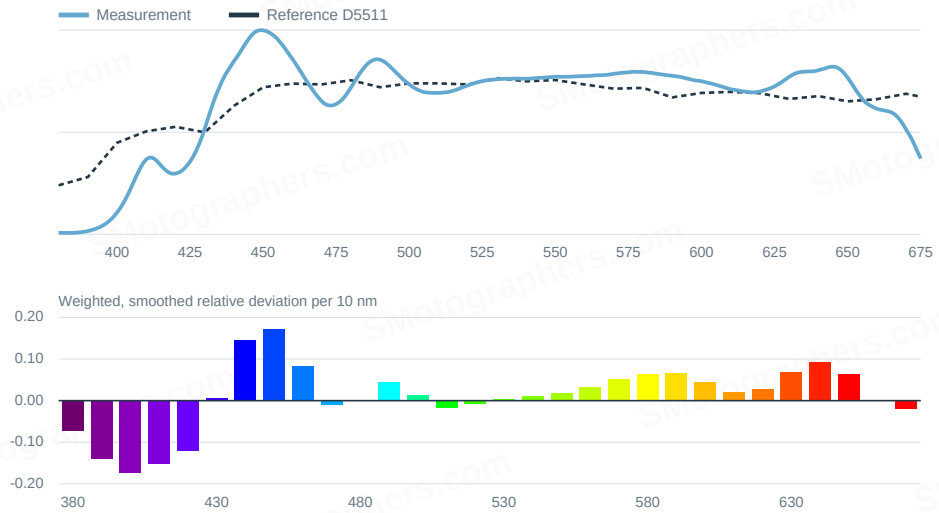


Samples sorted by hue bin 1-16; colour = hue bin.

Spectrum vs. TM-30 reference (equal area)



Academy SSI [D5511]



Reference as in the Academy SSI calculator (default): Planckian below 4000 K, CIE daylight from 4000 K, each at the measured CCT.

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Godox ML150RF

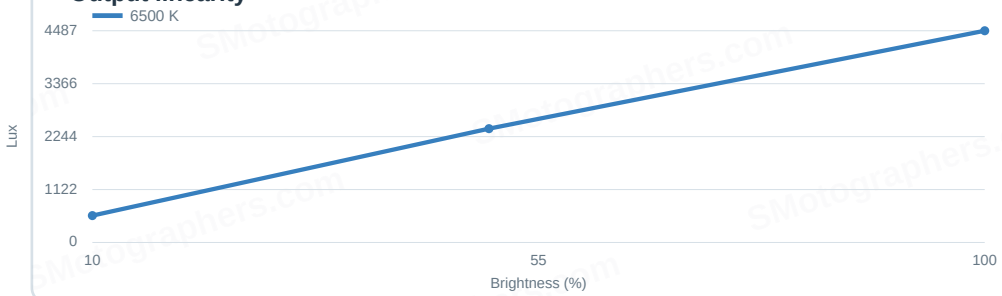
White light detail | Target CCT 6500 K

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	570	6819 K	0.00169	3.42	96.6	89.0	450 nm
50%	2412	6600 K	0.00080	2.87	98.6	99.0	449 nm
100%	4487	6619 K	0.00066	3.09	97.9	92.0	450 nm

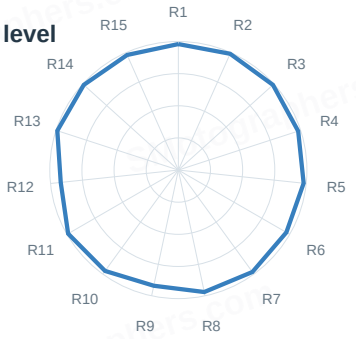
Colour metric	Value
SSI	83
TM-30 Rf	96
TM-30 Rg	100
TLCI (Info)	99
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	119 K
Mired deviation	2.77
Source	OHS-172916.csv

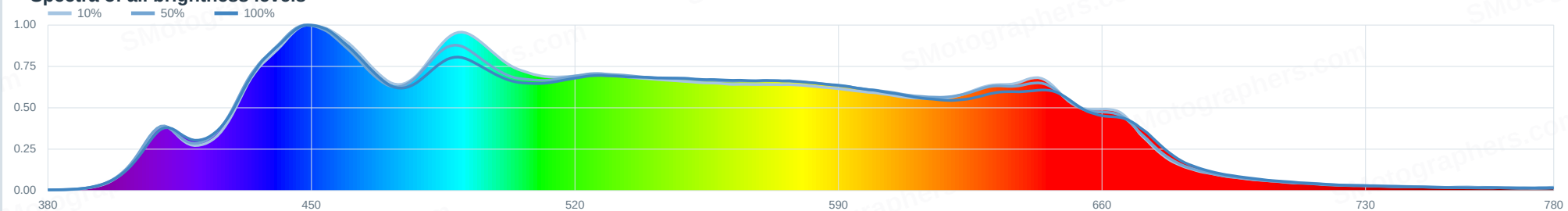
Output linearity



CRI R1-R15 at brightest level



Spectra of all brightness levels



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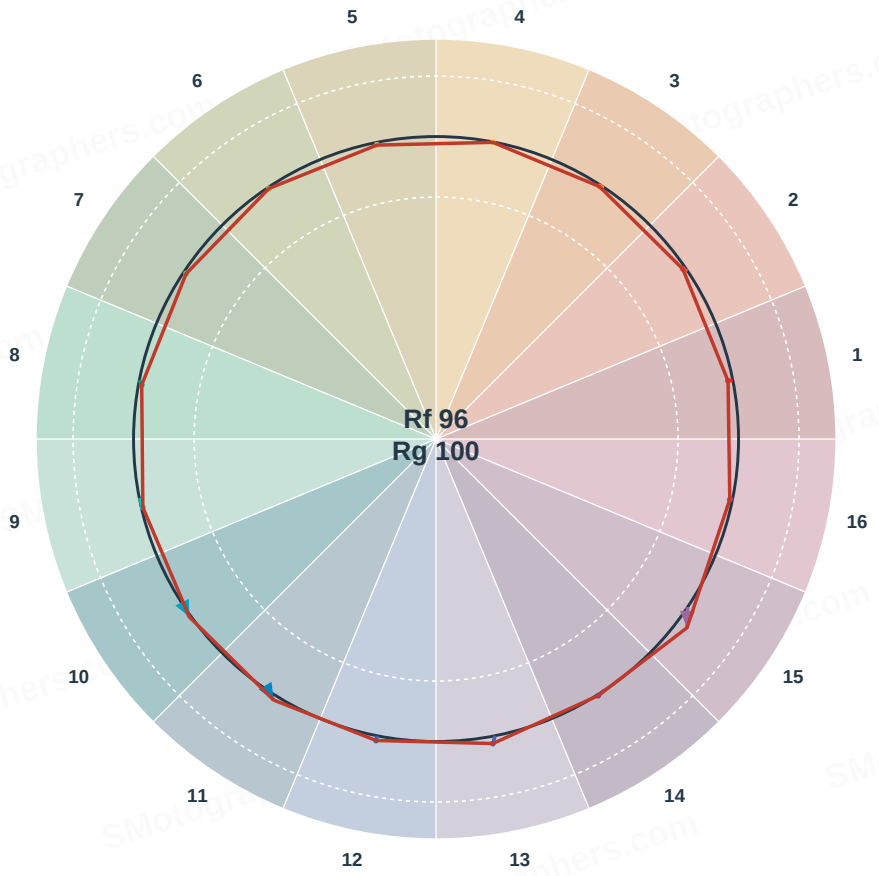
Godox ML150RF

ANSI/IES TM-30 colour rendition | Target CCT 6500 K

LED EVALUATOR

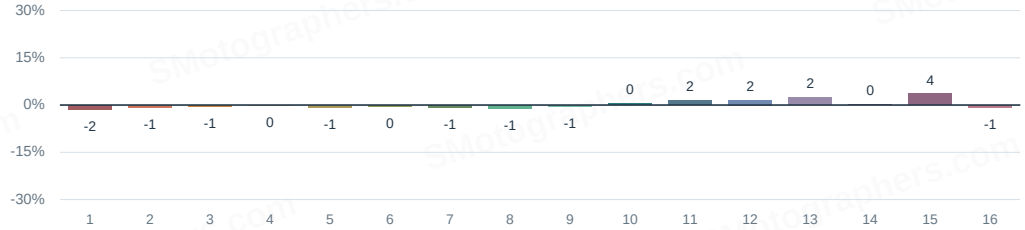
TM-30 RF	TM-30 RG	SSI [D6621]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
96	100	83	6622 K	0.0007	99	100 %

Color Vector Graphic

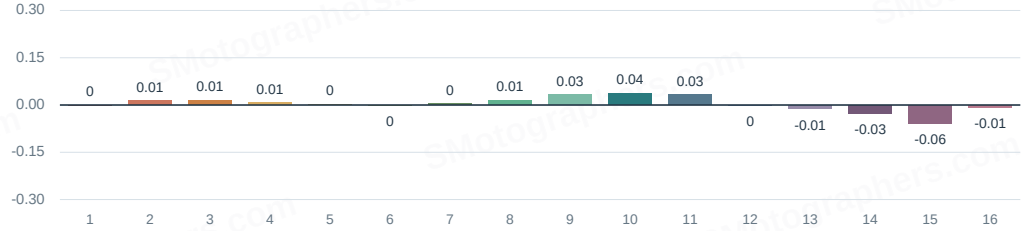


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

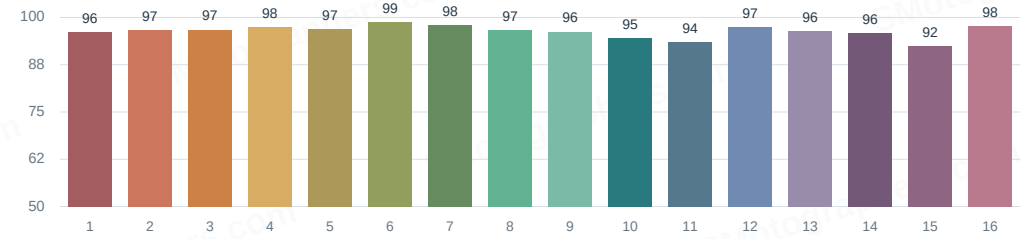
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



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Godox ML150RF

TM-30 colour swatches: reference vs. measurement | Target CCT 6500 K

LED EVALUATOR

TM-30 RF	TM-30 RG	SSI [D6621]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
96	100	83	6622 K	0.0007	99	100 %

Hue bins 1-16: average per bin



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
-2 % Chroma	-1 % Chroma	-1 % Chroma	-0 % Chroma	-1 % Chroma	-0 % Chroma	-1 % Chroma	-1 % Chroma	-1 % Chroma	+0 % Chroma	+2 % Chroma	+2 % Chroma	+2 % Chroma	+0 % Chroma	+4 % Chroma	-1 % Chroma

Colour samples CES 1-99 (left reference, right measurement; sorted by hue bin)

| | | |

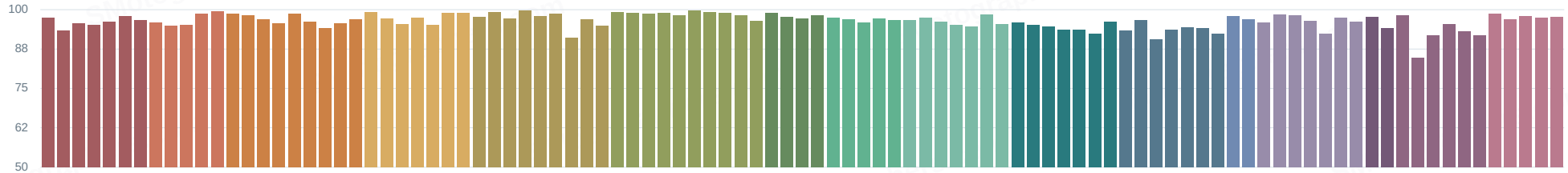
Godox ML150RF

TM-30 colour samples & Academy SSI | Target CCT 6500 K

LED EVALUATOR

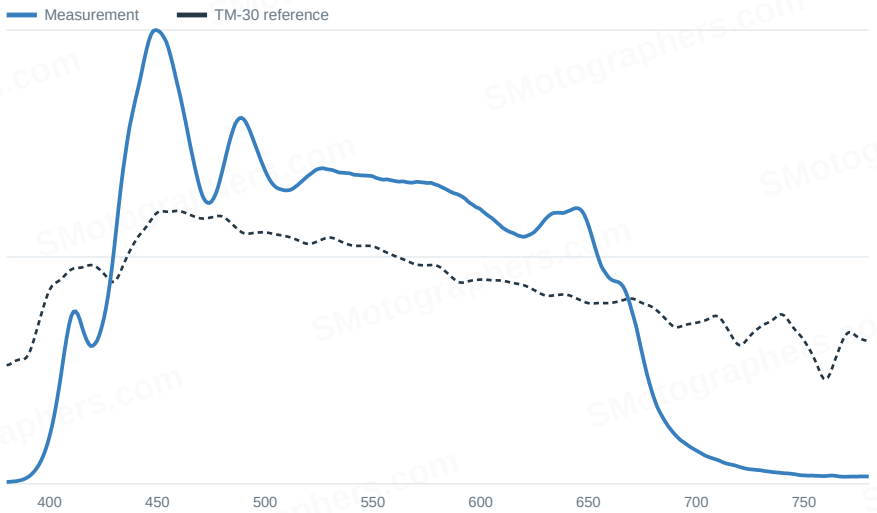
TM-30 RF	TM-30 RG	SSI [D6621]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
96	100	83	6622 K	0.0007	99	100 %

Fidelity per colour sample Rf,CES1-99

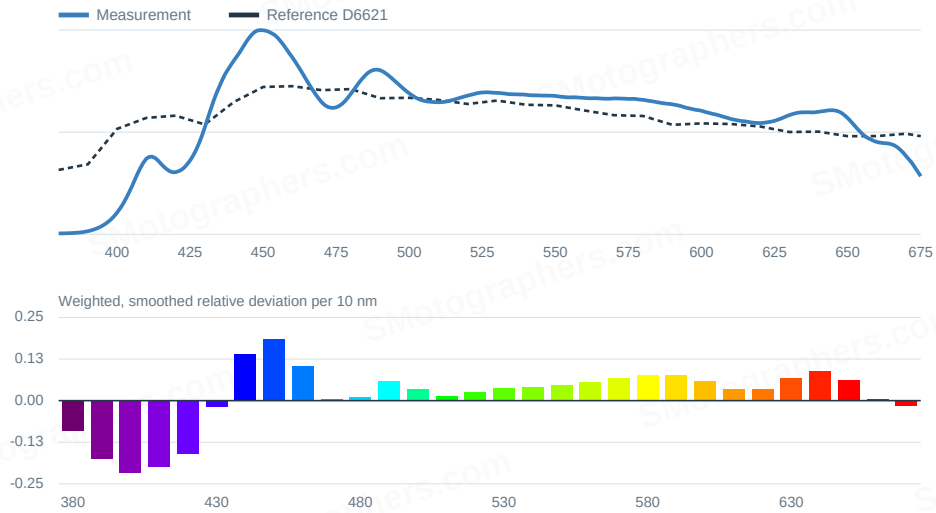


Samples sorted by hue bin 1-16; colour = hue bin.

Spectrum vs. TM-30 reference (equal area)



Academy SSI [D6621]



Reference as in the Academy SSI calculator (default): Planckian below 4000 K, CIE daylight from 4000 K, each at the measured CCT.

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Godox ML150RF

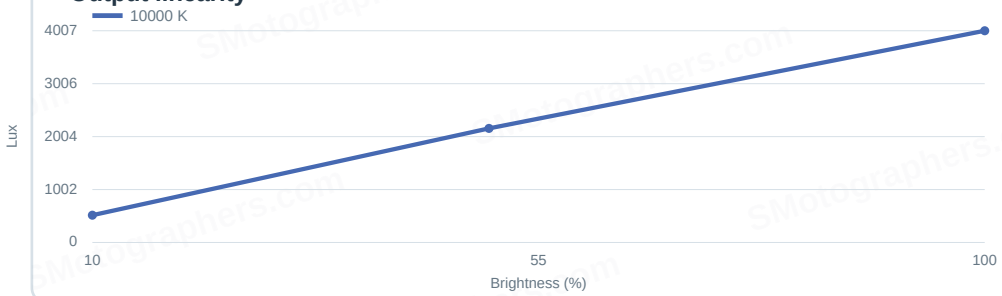
White light detail | Target CCT 10000 K

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	516	10405 K	0.00584	26.64	98.4	99.0	449 nm
50%	2159	9989 K	0.00410	24.38	99.2	98.0	449 nm
100%	4007	10429 K	0.00253	25.78	98.5	96.0	450 nm

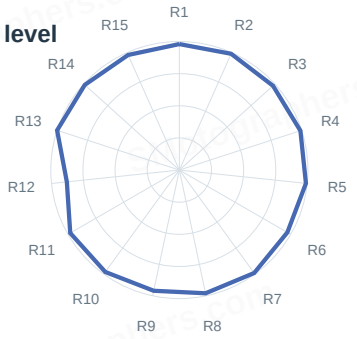
Colour metric	Value
SSI	78
TM-30 Rf	96
TM-30 Rg	99
TLCI (Info)	99
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	429 K
Mired deviation	4.11
Source	OHS-172932.csv

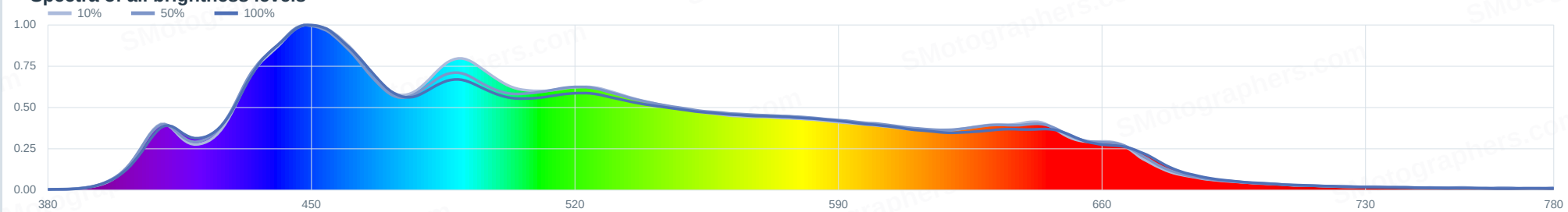
Output linearity



CRI R1-R15 at brightest level



Spectra of all brightness levels



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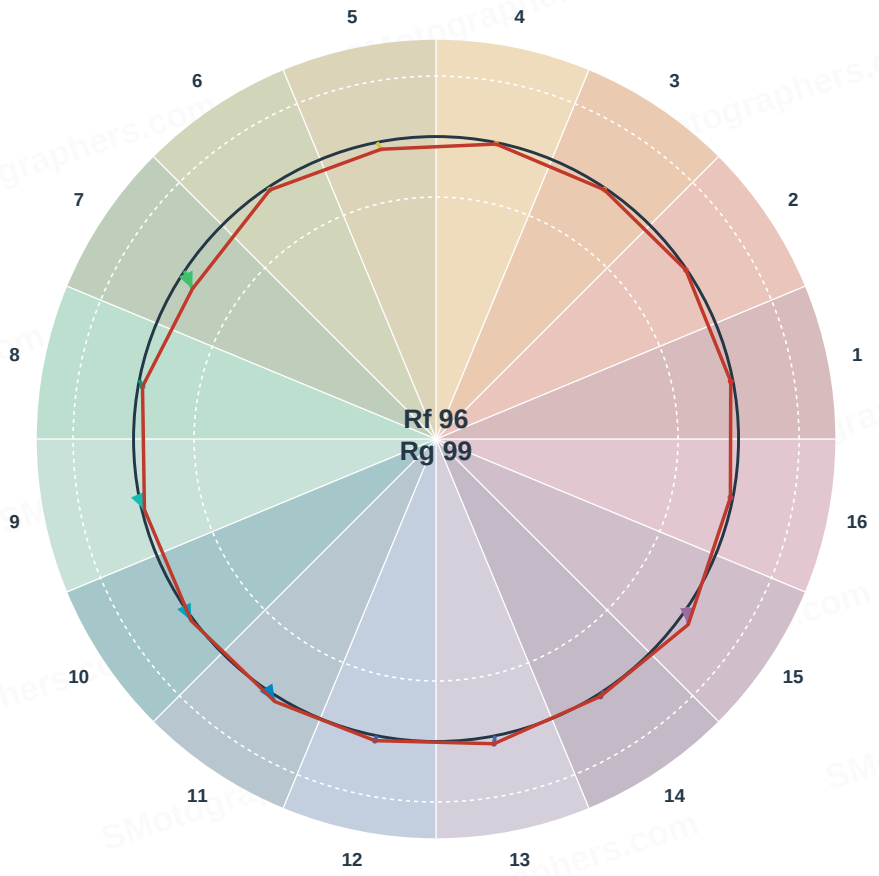
Godox ML150RF

ANSI/IES TM-30 colour rendition | Target CCT 10000 K

LED EVALUATOR

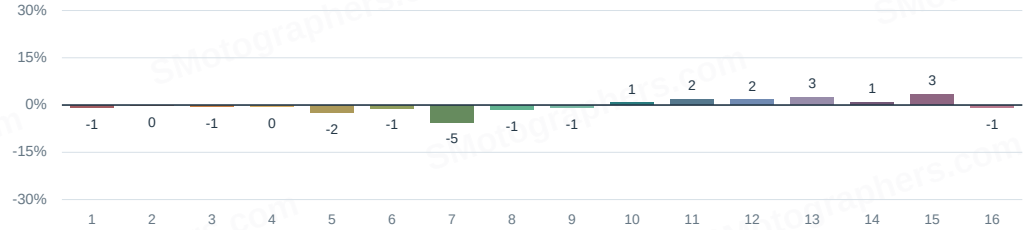
TM-30 RF	TM-30 RG	SSI [D10257]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
96	99	78	10407 K	0.0026	99	100 %

Color Vector Graphic

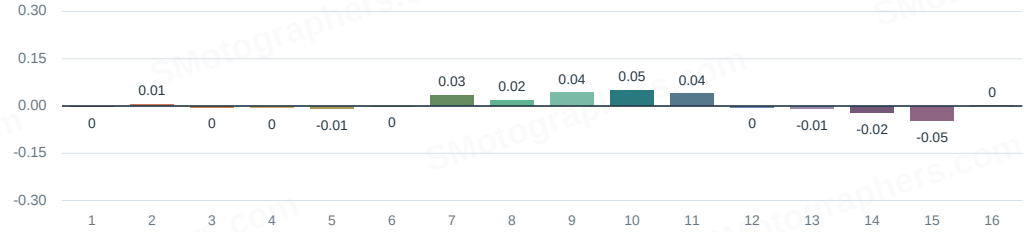


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

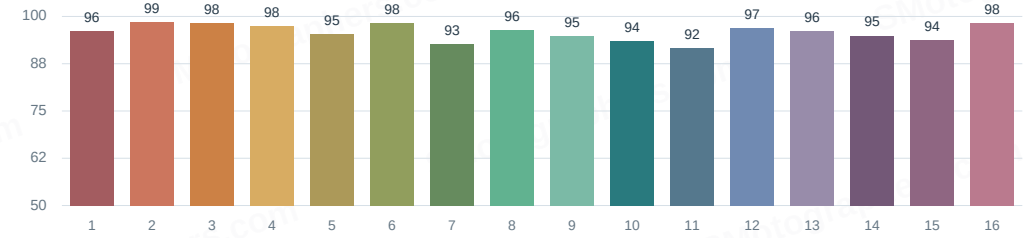
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



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Godox ML150RF

TM-30 colour swatches: reference vs. measurement | Target CCT 10000 K

LED EVALUATOR

TM-30 RF	TM-30 RG	SSI [D10257]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
96	99	78	10407 K	0.0026	99	100 %

Hue bins 1-16: average per bin



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
-1 % Chroma	-0 % Chroma	-1 % Chroma	-0 % Chroma	-2 % Chroma	-1 % Chroma	-5 % Chroma	-1 % Chroma	-1 % Chroma	+1 % Chroma	+2 % Chroma	+2 % Chroma	+3 % Chroma	+1 % Chroma	+3 % Chroma	-1 % Chroma

Colour samples CES 1-99 (left reference, right measurement; sorted by hue bin)

CES 3 Rf 90	CES 4 Rf 96	CES 5 Rf 95	CES 6 Rf 98	CES 7 Rf 99	CES 8 Rf 98	CES 10 Rf 98	CES 11 Rf 98	CES 12 Rf 98	CES 13 Rf 99	CES 14 Rf 100	CES 15 Rf 96	CES 16 Rf 99	CES 17 Rf 98	CES 18 Rf 97	CES 19 Rf 99	CES 21 Rf 99	CES 22 Rf 99	CES 9 Rf 99	CES 20 Rf 96	CES 23 Rf 98	CES 24 Rf 99
CES 25 Rf 99	CES 26 Rf 99	CES 27 Rf 92	CES 28 Rf 99	CES 29 Rf 97	CES 30 Rf 93	CES 31 Rf 97	CES 32 Rf 99	CES 33 Rf 97	CES 34 Rf 99	CES 35 Rf 99	CES 36 Rf 87	CES 37 Rf 98	CES 38 Rf 90	CES 39 Rf 99	CES 40 Rf 99	CES 41 Rf 97	CES 42 Rf 99	CES 43 Rf 99	CES 44 Rf 100	CES 45 Rf 100	CES 46 Rf 98
CES 47 Rf 97	CES 48 Rf 94	CES 49 Rf 99	CES 50 Rf 98	CES 51 Rf 97	CES 52 Rf 100	CES 91 Rf 77	CES 53 Rf 99	CES 54 Rf 95	CES 55 Rf 95	CES 56 Rf 97	CES 57 Rf 96	CES 58 Rf 96	CES 63 Rf 97	CES 59 Rf 98	CES 60 Rf 95	CES 61 Rf 95	CES 62 Rf 92	CES 64 Rf 95	CES 65 Rf 94	CES 66 Rf 94	CES 67 Rf 94
CES 68 Rf 94	CES 69 Rf 94	CES 70 Rf 93	CES 71 Rf 89	CES 72 Rf 96	CES 74 Rf 95	CES 73 Rf 89	CES 75 Rf 90	CES 76 Rf 95	CES 77 Rf 93	CES 78 Rf 91	CES 79 Rf 98	CES 80 Rf 97	CES 81 Rf 96	CES 84 Rf 96	CES 82 Rf 99	CES 83 Rf 98	CES 85 Rf 90	CES 86 Rf 98	CES 87 Rf 96	CES 88 Rf 97	CES 89 Rf 95
CES 90 Rf 97	CES 92 Rf 91	CES 93 Rf 95	CES 94 Rf 94	CES 95 Rf 90	CES 96 Rf 97	CES 1 Rf 99	CES 2 Rf 98	CES 97 Rf 99	CES 98 Rf 98	CES 99 Rf 98									

Shown as corresponding colours in sRGB (CAM02-UCS, adapted to D65); screen and print reproduction is only an approximation.

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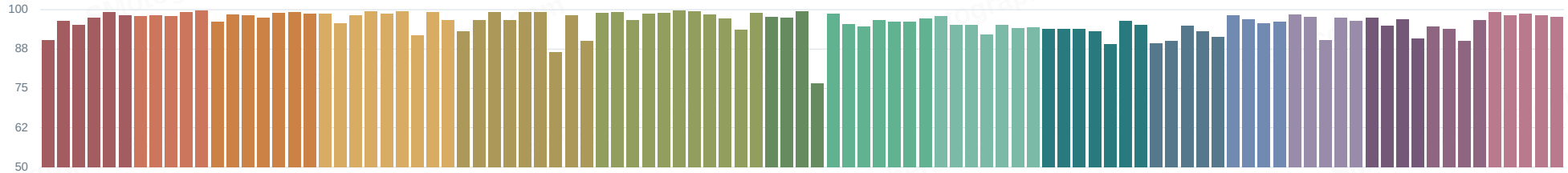
Godox ML150RF

TM-30 colour samples & Academy SSI | Target CCT 10000 K

LED EVALUATOR

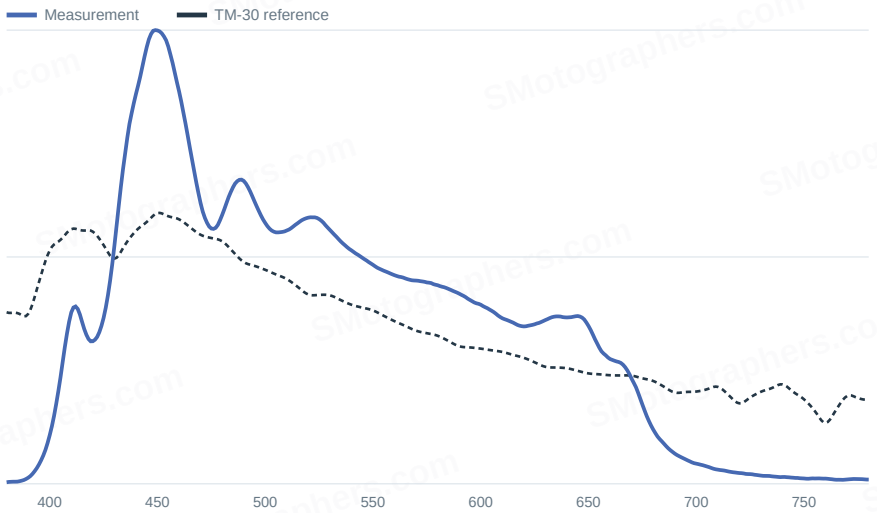
TM-30 RF	TM-30 RG	SSI [D10257]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
96	99	78	10407 K	0.0026	99	100 %

Fidelity per colour sample Rf,CES1-99

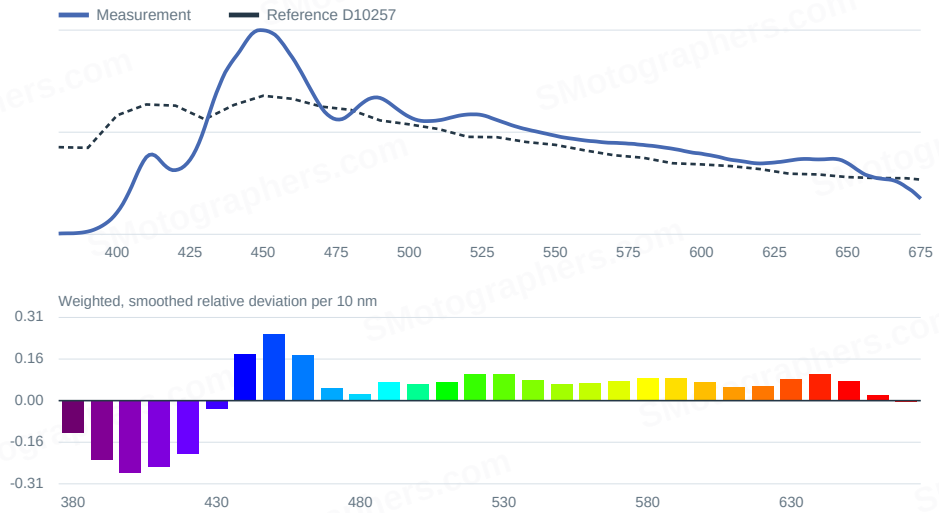


Samples sorted by hue bin 1-16; colour = hue bin.

Spectrum vs. TM-30 reference (equal area)



Academy SSI [D10257]



Reference as in the Academy SSI calculator (default): Planckian below 4000 K, CIE daylight from 4000 K, each at the measured CCT.

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Godox ML150RF

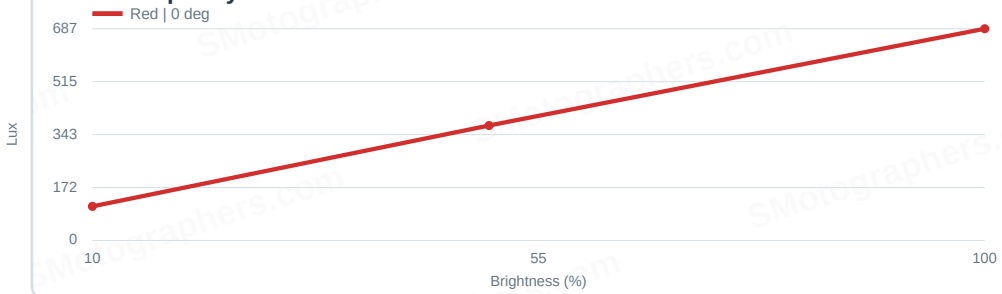
RGB detail | Red | 0 deg

Red | 0 deg

Hue: 0.0 deg | Saturation:

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	111	1000	-0.03861	624 nm	98.6%	644 nm	98/2/0
50%	373	1000	-0.04001	625 nm	98.6%	644 nm	98/2/0
100%	687	1000	-0.04053	625 nm	99.1%	645 nm	98/2/0

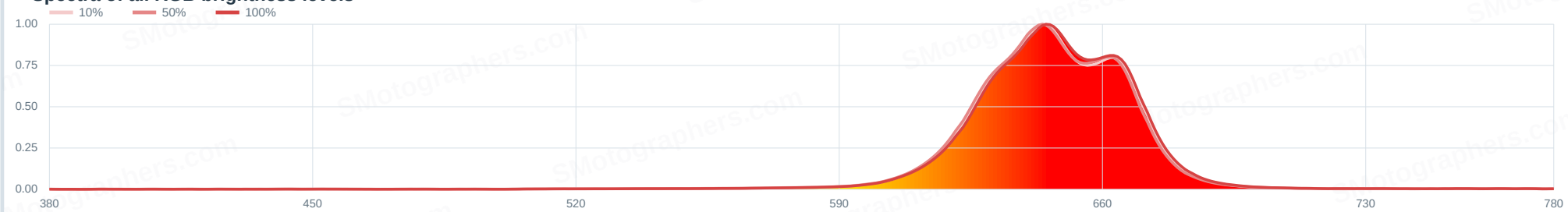
RGB output by level



Channel shares at brightest level



Spectra of all RGB brightness levels



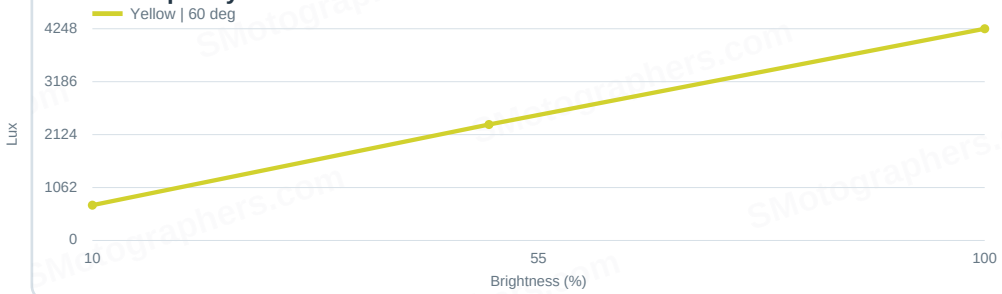
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Yellow | 60 deg

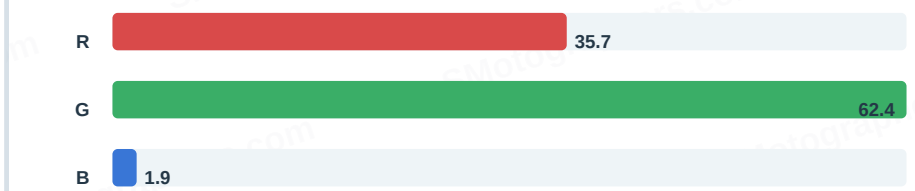
Hue: 60.0 deg | Saturation

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	708	4056	0.04858	568 nm	85.5%	520 nm	35/63/2
50%	2326	4043	0.04799	569 nm	85.2%	520 nm	35/63/2
100%	4248	4006	0.04688	569 nm	85.3%	521 nm	36/62/2

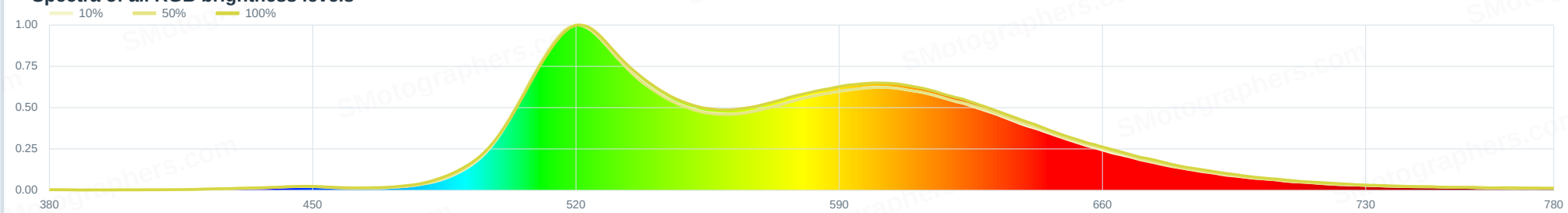
RGB output by level



Channel shares at brightest level



Spectra of all RGB brightness levels



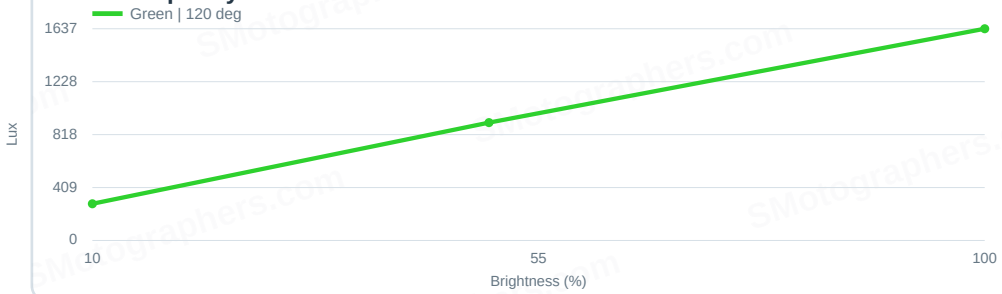
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Green | 120 deg

Hue: 120.0 deg | Saturati

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	284	7712	0.15219	528 nm	77.7%	519 nm	3/94/2
50%	911	7789	0.15326	527 nm	77.3%	519 nm	3/94/2
100%	1637	7768	0.15232	528 nm	77.3%	520 nm	3/95/3

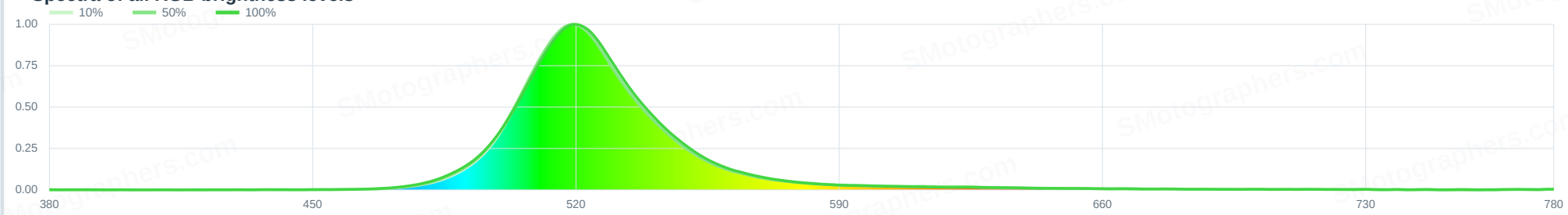
RGB output by level



Channel shares at brightest level



Spectra of all RGB brightness levels



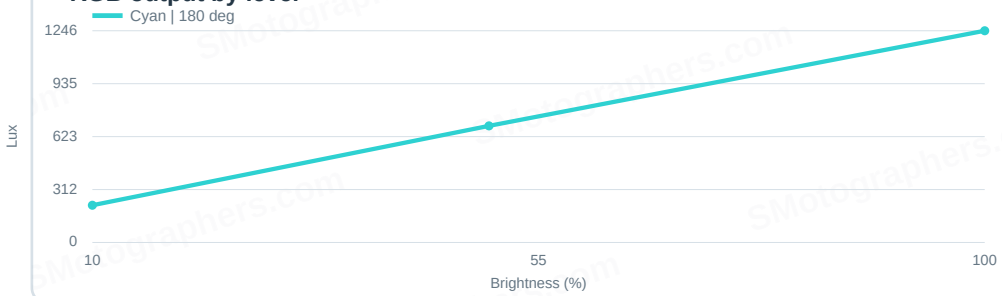
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Cyan | 180 deg

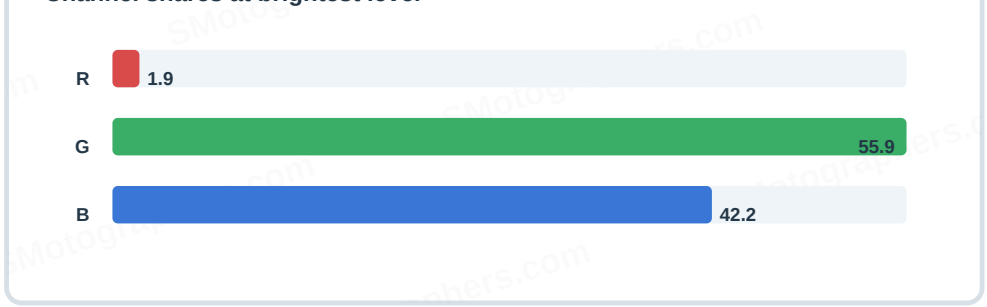
Hue: 180.0 deg | Saturati

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	219	100000	0.12351	492 nm	77.3%	488 nm	2/55/44
50%	686	86964	0.12345	492 nm	76.7%	489 nm	2/55/43
100%	1246	85215	0.12383	492 nm	76.7%	490 nm	2/56/42

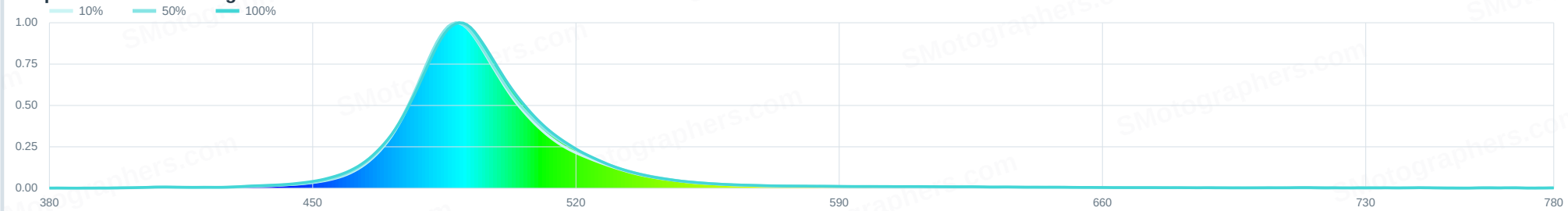
RGB output by level



Channel shares at brightest level



Spectra of all RGB brightness levels



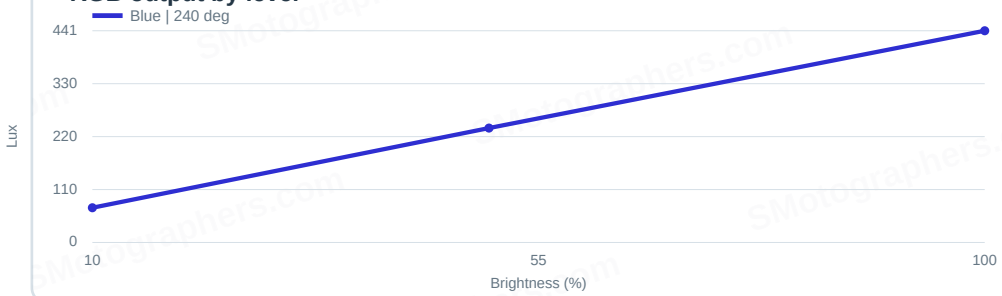
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Blue | 240 deg

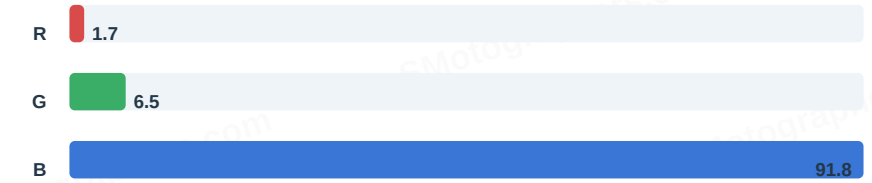
Hue: 240.0 deg | Saturati

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	72	100000	-0.05489	459 nm	92.8%	449 nm	2/7/91
50%	238	100000	-0.05708	459 nm	93.0%	449 nm	2/7/92
100%	441	100000	-0.05695	459 nm	92.9%	449 nm	2/6/92

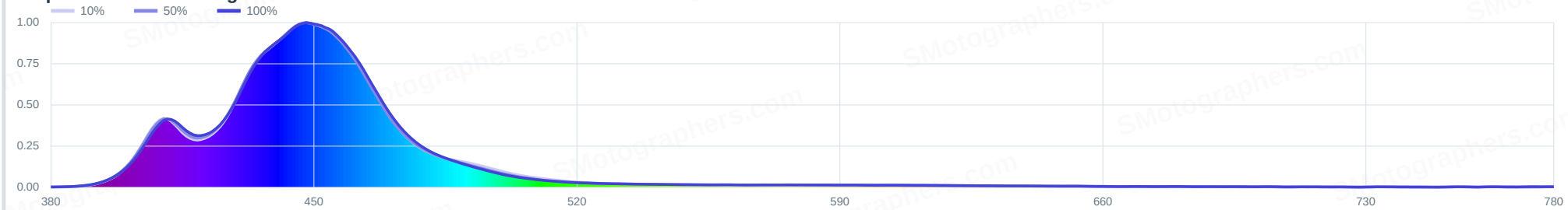
RGB output by level



Channel shares at brightest level



Spectra of all RGB brightness levels



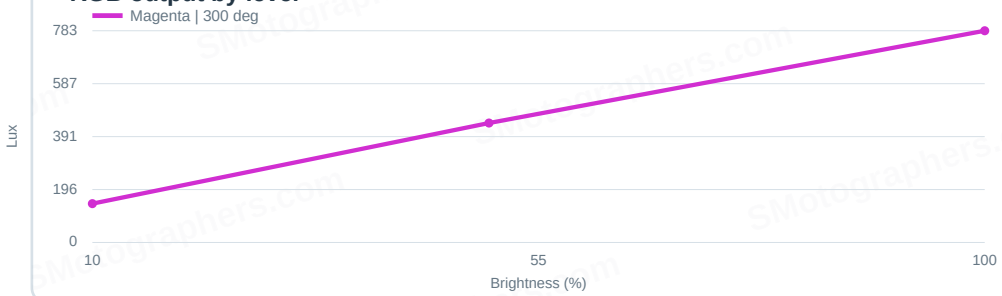
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Magenta | 300 deg

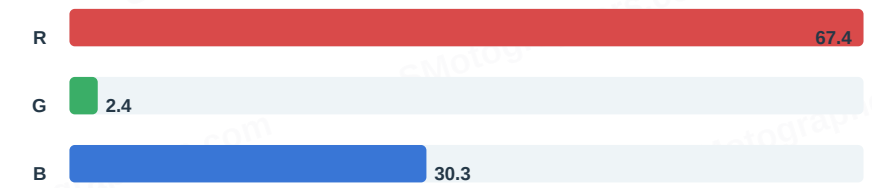
Hue: 300.0 deg | Saturati

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	144	1360	-0.14224	543 nm	46.8%	643 nm	64/3/33
50%	442	1311	-0.13910	540 nm	44.2%	644 nm	66/2/31
100%	783	1320	-0.14038	541 nm	45.1%	646 nm	67/2/30

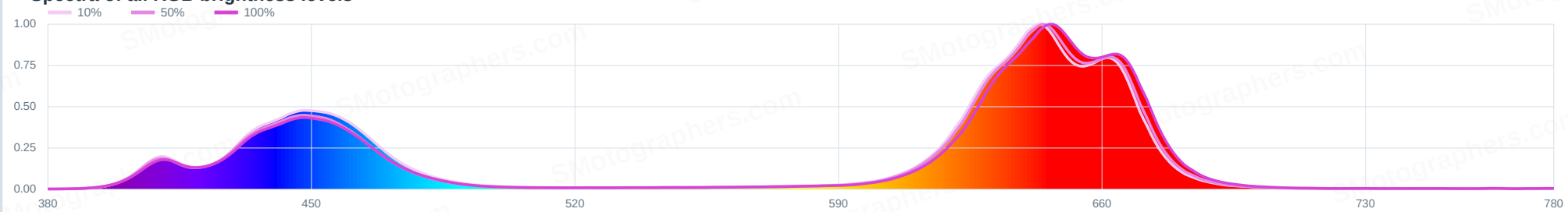
RGB output by level



Channel shares at brightest level



Spectra of all RGB brightness levels



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Godox ML150RF

Reflectors | Maximum output

Reflector	Target CCT	Lux	EV	Measured CCT	Duv	Source
BDR-W55	5500 K	1440	9.17	5643 K	0.00257	OHS-173137.csv
Kit reflector	5500 K	11417	12.16	5447 K	-0.00180	OHS-173307.csv
Standard reflector	5500 K	19402	12.92	5622 K	-0.00123	OHS-173041.csv

Max EV per reflector



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