Godox TL60

Measurement overview | 100 % measurements and reflectors

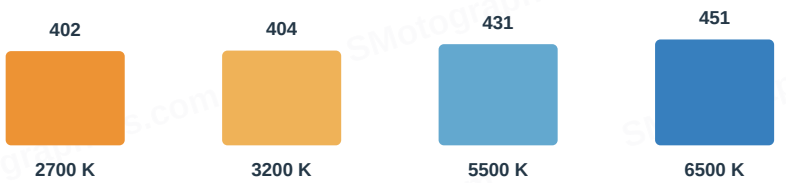
LED EVALUATOR

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%	402	7.33	2701 K	0.00069	96.0	98.0	88.0	92.0	98.0	97	Godox TL60 100% lowest
White	3200 K	100%	404	7.34	3192 K	-0.00359	94.2	86.0	84.0	94.0	102.0	98	Godox TL60 100% 3200
White	5500 K	100%	431	7.43	5638 K	0.00013	95.8	85.0	74.0	96.0	104.0	99	Godox TL60 100% 5500
White	6500 K	100%	451	7.50	6734 K	0.00427	97.9	97.0	70.0	96.0	102.0	99	Godox TL60 100% 6500

White light output at 100 % across all CCTs



RGB output at 100 % across all colours

No values

Output with all reflectors

Reflector	Target CCT	Level	Lux	EV	Measured CCT	Duv	CRI Ra	R9	Source
Standard reflector	-	100%	451	7.50	6734 K	0.00427	97.9	97.0	Godox TL60 100% max with reflector

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Godox TL60

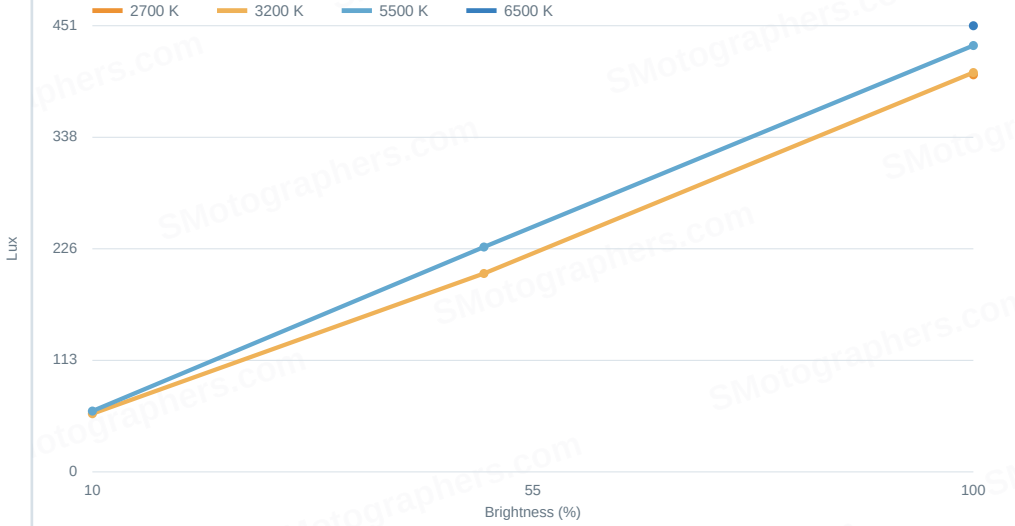
LED Lab Report | Numbers-Import

TOTAL	COLOUR	POWER	USABILITY	RGB
76.5	85.9	73.9	69.6	-

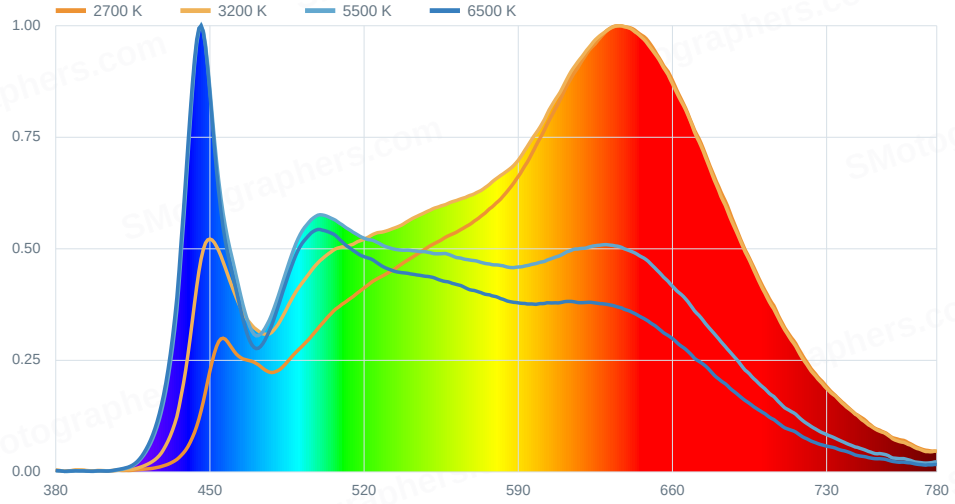
Luminaire	Value	Test	Value
LED type	RGB	Power	18.0 W
Test date	2026-07-29	Distance	-
Modifier	Verschiedene Setups aus dem Numbers-Rechner	Mode	Linear (current)
RGB in total	Yes	Measurements	9

Target CCT	Max Lux	Measured CCT	Duv	Ra	SSI	Rf	Rg	TLCI
2700 K	402	2701	0.00069	96.0	88.0	92.0	98.0	97
3200 K	404	3192	-0.00359	94.2	84.0	94.0	102.0	98
5500 K	431	5638	0.00013	95.8	74.0	96.0	104.0	99
6500 K	451	6734	0.00427	97.9	70.0	96.0	102.0	99

Output across CCTs and levels



Spectrum at maximum brightness



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Godox TL60

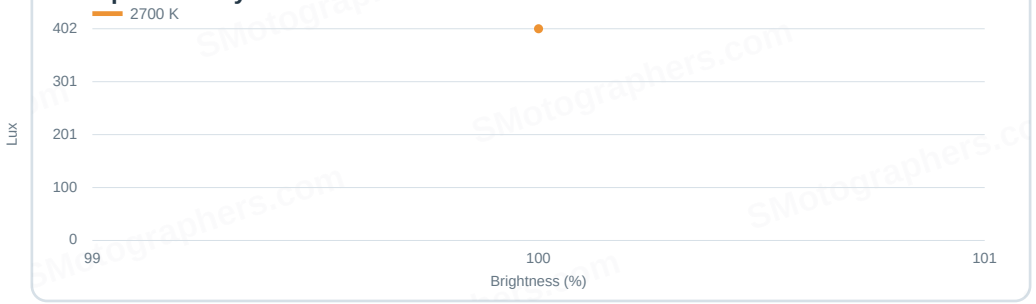
White light detail | Target CCT 2700 K

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
100%	402	2701 K	0.00069	1.04	96.0	98.0	635 nm

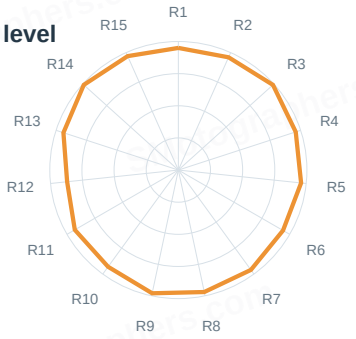
Colour metric	Value
SSI	88
TM-30 Rf	92
TM-30 Rg	98
TLCI (Info)	97
Measurements	1

Check	Value
Brightest level	100%
CCT deviation	1 K
Mired deviation	0.14
Source	Godox TL60 100% lowest

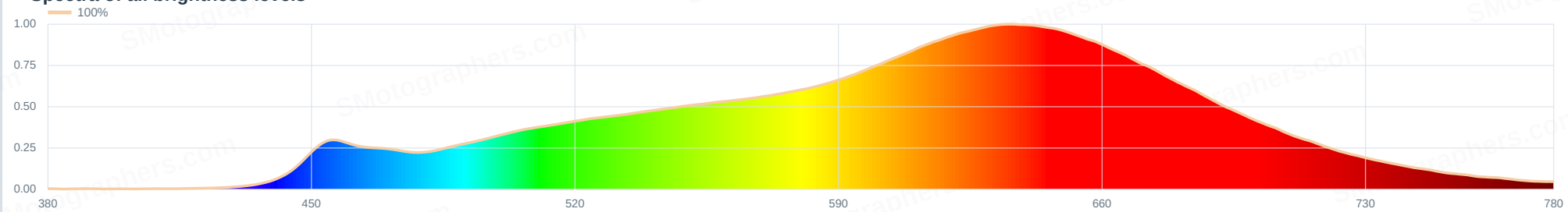
Output linearity



CRI R1-R15 at brightest level



Spectra of all brightness levels



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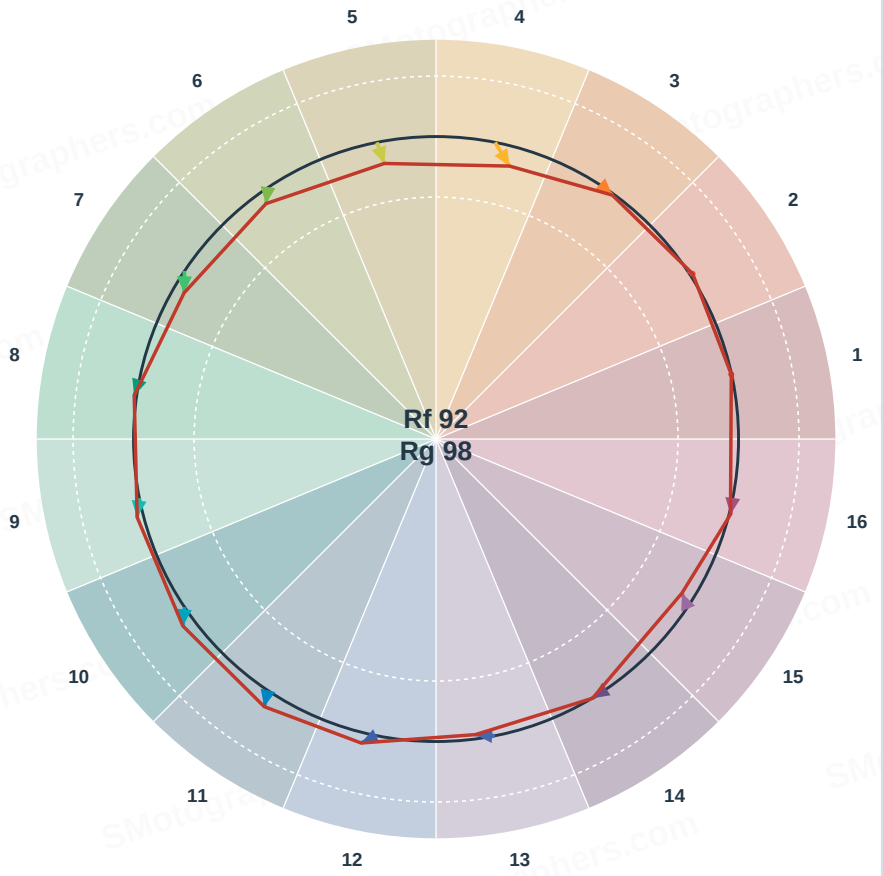
Godox TL60

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

LED EVALUATOR

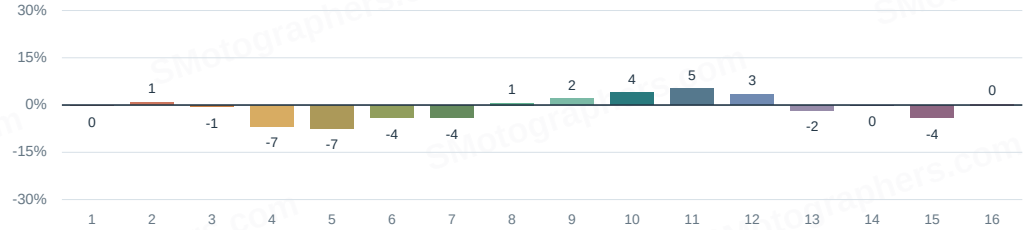
TM-30 RF	TM-30 RG	SSI [P2693]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
92	98	88	2696 K	0.0007	97	100 %

Color Vector Graphic

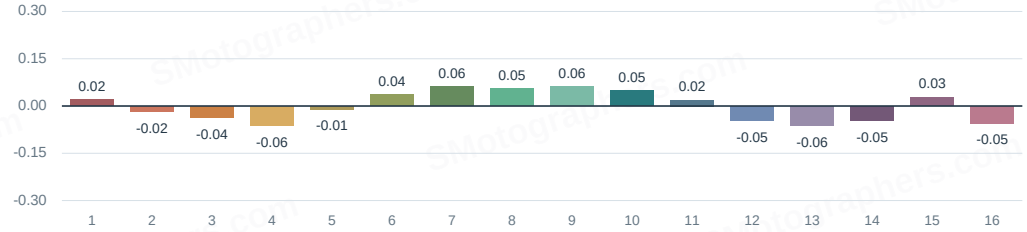


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

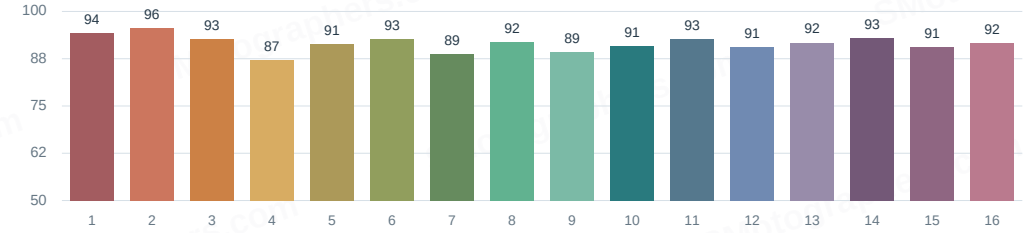
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



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Godox TL60

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

LED EVALUATOR

TM-30 RF	TM-30 RG	SSI [P2693]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
92	98	88	2696 K	0.0007	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
-0 % Chroma	+1 % Chroma	-1 % Chroma	-7 % Chroma	-7 % Chroma	-4 % Chroma	-4 % Chroma	+1 % Chroma	+2 % Chroma	+4 % Chroma	+5 % Chroma	+3 % Chroma	-2 % Chroma	-0 % Chroma	-4 % Chroma	+0 % Chroma

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

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

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

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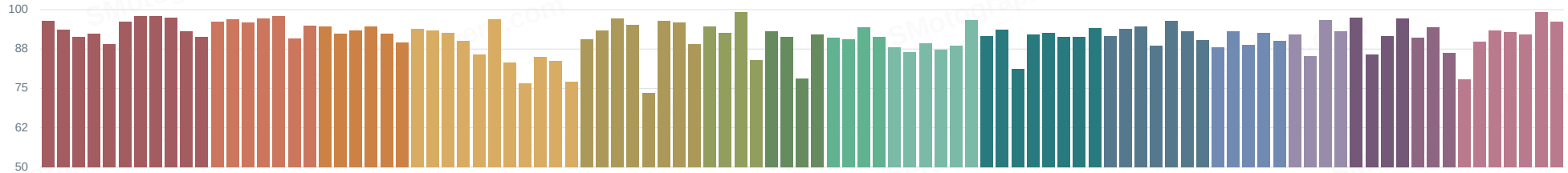
Godox TL60

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

LED EVALUATOR

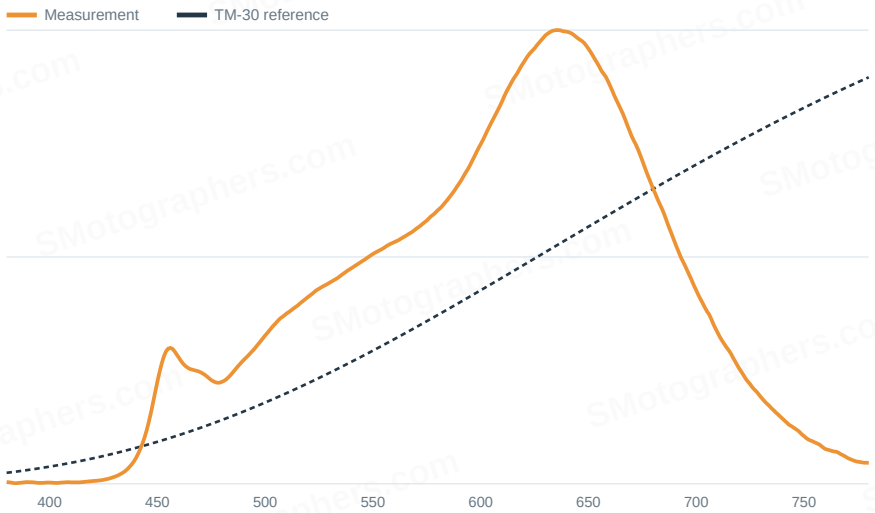
TM-30 RF	TM-30 RG	SSI [P2693]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
92	98	88	2696 K	0.0007	97	100 %

Fidelity per colour sample Rf,CES1-99

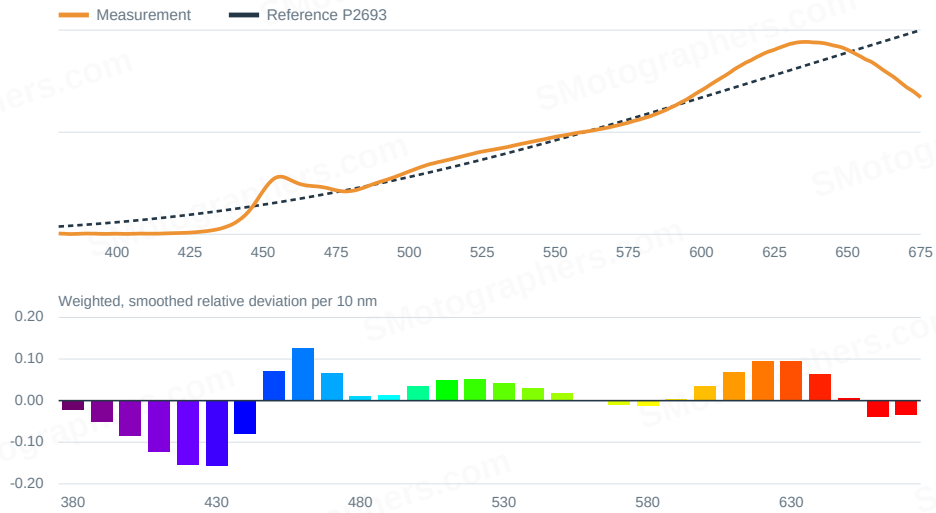


Samples sorted by hue bin 1-16; colour = hue bin.

Spectrum vs. TM-30 reference (equal area)



Academy SSI [P2693]



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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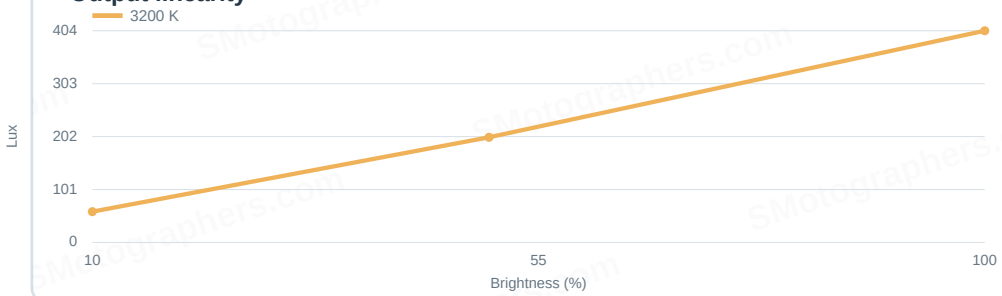
White light detail | Target CCT 3200 K

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	59	3178 K	-0.00451	8.06	93.0	83.0	635 nm
50%	201	3193 K	-0.00396	7.91	93.5	83.0	636 nm
100%	404	3192 K	-0.00359	7.56	94.2	86.0	636 nm

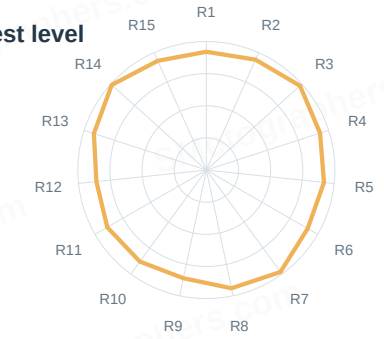
Colour metric	Value
SSI	84
TM-30 Rf	94
TM-30 Rg	102
TLCI (Info)	98
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	-8 K
Mired deviation	0.78
Source	Godox TL60 100% 3200

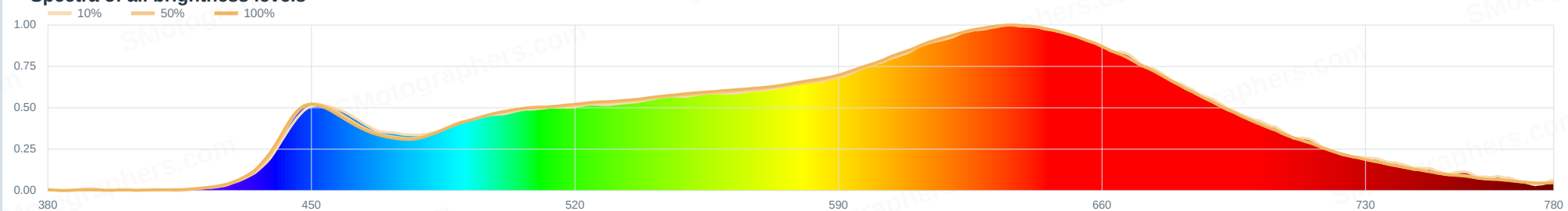
Output linearity



CRI R1-R15 at brightest level



Spectra of all brightness levels



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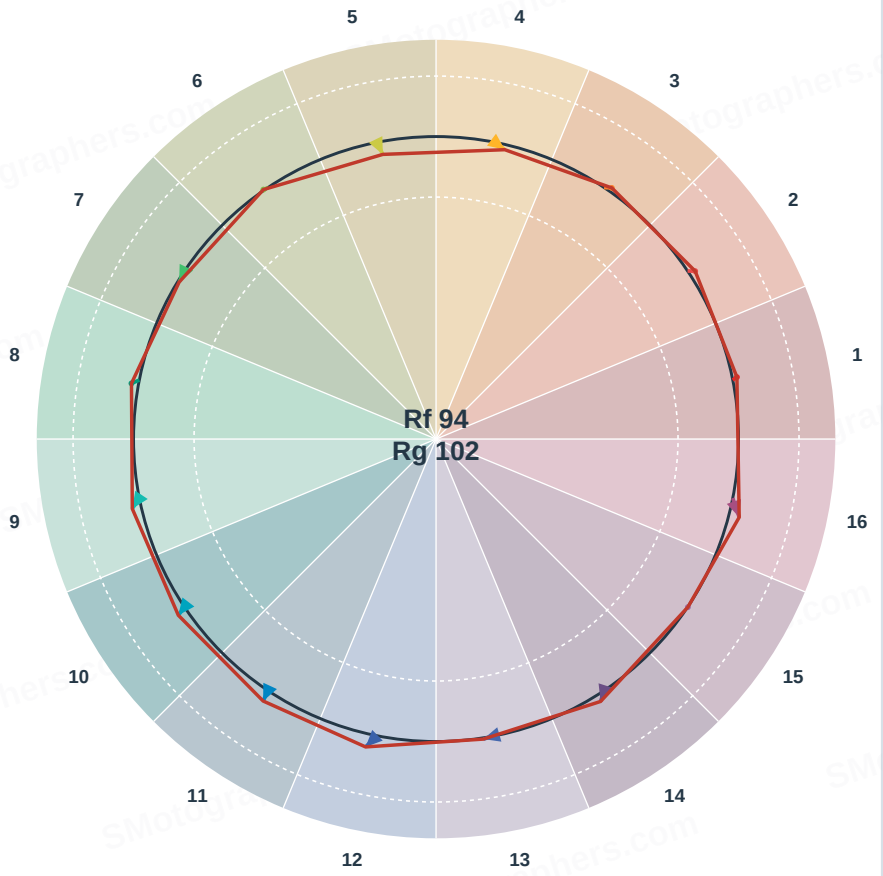
Godox TL60

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

LED EVALUATOR

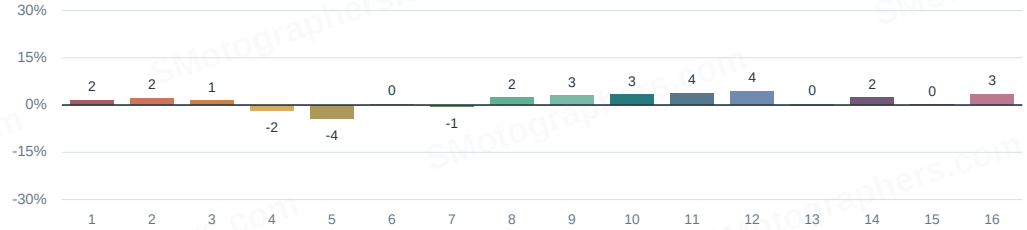
TM-30 RF	TM-30 RG	SSI [P3199]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
94	102	84	3189 K	-0.0036	98	100 %

Color Vector Graphic

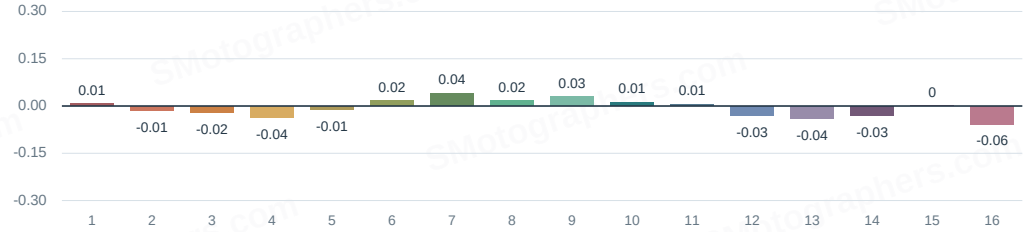


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

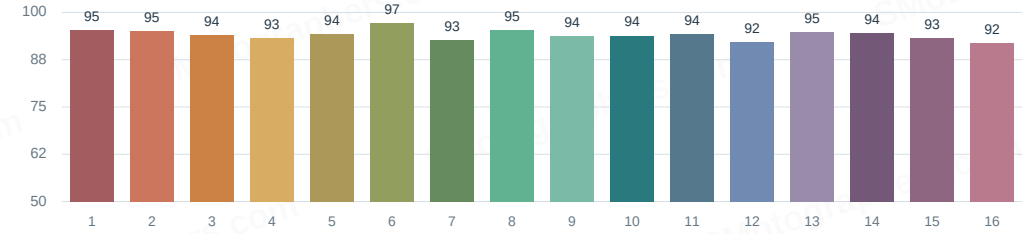
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



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Godox TL60

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

LED EVALUATOR

TM-30 RF	TM-30 RG	SSI [P3199]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
94	102	84	3189 K	-0.0036	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
+2 % Chroma	+2 % Chroma	+1 % Chroma	-2 % Chroma	-4 % Chroma	+0 % Chroma	-1 % Chroma	+2 % Chroma	+3 % Chroma	+3 % Chroma	+4 % Chroma	+4 % Chroma	+0 % Chroma	+2 % Chroma	+0 % Chroma	+3 % Chroma

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

CES 1 Rf 97	CES 2 Rf 95	CES 3 Rf 91	CES 4 Rf 95	CES 5 Rf 93	CES 6 Rf 99	CES 7 Rf 94	CES 8 Rf 96	CES 9 Rf 99	CES 98 Rf 97	CES 99 Rf 92
CES 10 Rf 94	CES 11 Rf 95	CES 12 Rf 94	CES 13 Rf 95	CES 14 Rf 98	CES 15 Rf 93	CES 16 Rf 97	CES 17 Rf 97	CES 18 Rf 95	CES 19 Rf 94	CES 20 Rf 93
CES 21 Rf 93	CES 22 Rf 93	CES 23 Rf 96	CES 24 Rf 95	CES 25 Rf 93	CES 26 Rf 94	CES 27 Rf 89	CES 28 Rf 98	CES 29 Rf 93	CES 30 Rf 89	CES 31 Rf 94
CES 32 Rf 97	CES 33 Rf 94	CES 34 Rf 97	CES 35 Rf 98	CES 36 Rf 81	CES 37 Rf 97	CES 38 Rf 85	CES 39 Rf 99	CES 40 Rf 99	CES 41 Rf 96	CES 42 Rf 98
CES 43 Rf 98	CES 44 Rf 100	CES 45 Rf 97	CES 46 Rf 97	CES 47 Rf 93	CES 48 Rf 88	CES 49 Rf 97	CES 50 Rf 95	CES 51 Rf 95	CES 52 Rf 96	CES 53 Rf 95
CES 54 Rf 92	CES 55 Rf 91	CES 56 Rf 94	CES 57 Rf 94	CES 58 Rf 94	CES 59 Rf 97	CES 60 Rf 94	CES 61 Rf 95	CES 62 Rf 88	CES 64 Rf 95	CES 65 Rf 95
CES 66 Rf 95	CES 67 Rf 95	CES 68 Rf 95	CES 63 Rf 97	CES 69 Rf 95	CES 70 Rf 95	CES 71 Rf 92	CES 72 Rf 97	CES 73 Rf 92	CES 75 Rf 93	CES 76 Rf 95
CES 74 Rf 91	CES 77 Rf 92	CES 78 Rf 92	CES 79 Rf 93	CES 80 Rf 94	CES 81 Rf 91	CES 82 Rf 97	CES 83 Rf 96	CES 84 Rf 97	CES 85 Rf 88	CES 86 Rf 97
CES 87 Rf 96	CES 88 Rf 95	CES 89 Rf 96	CES 90 Rf 92	CES 92 Rf 91	CES 91 Rf 78	CES 93 Rf 94	CES 94 Rf 95	CES 95 Rf 91	CES 96 Rf 96	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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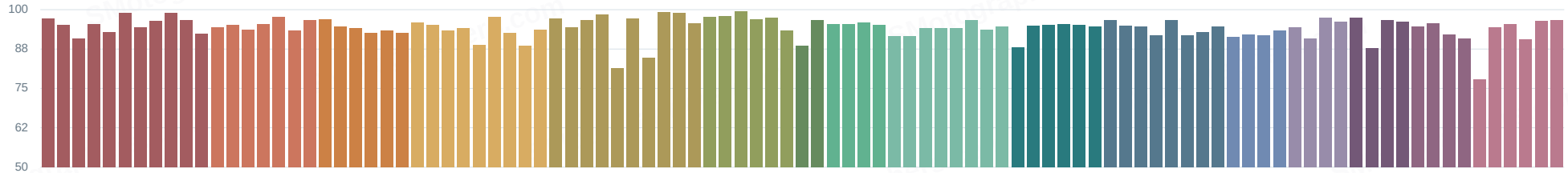
Godox TL60

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

LED EVALUATOR

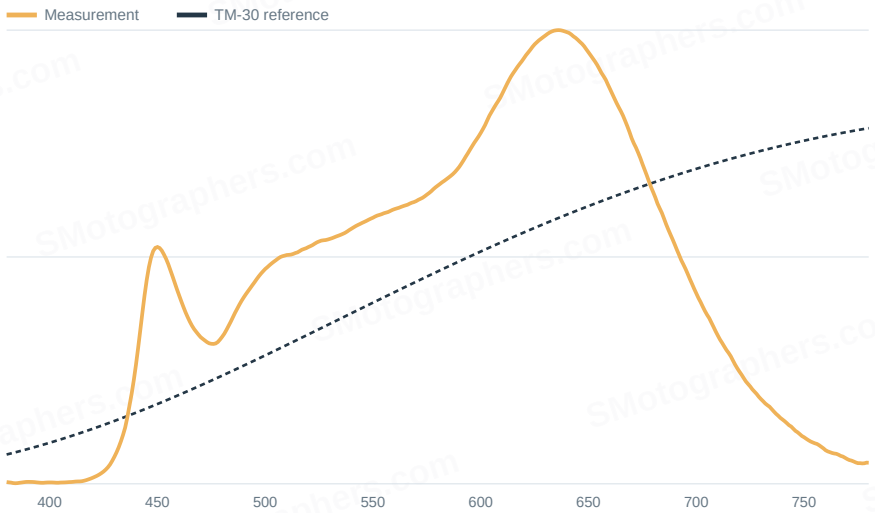
TM-30 RF	TM-30 RG	SSI [P3199]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
94	102	84	3189 K	-0.0036	98	100 %

Fidelity per colour sample Rf,CES1-99

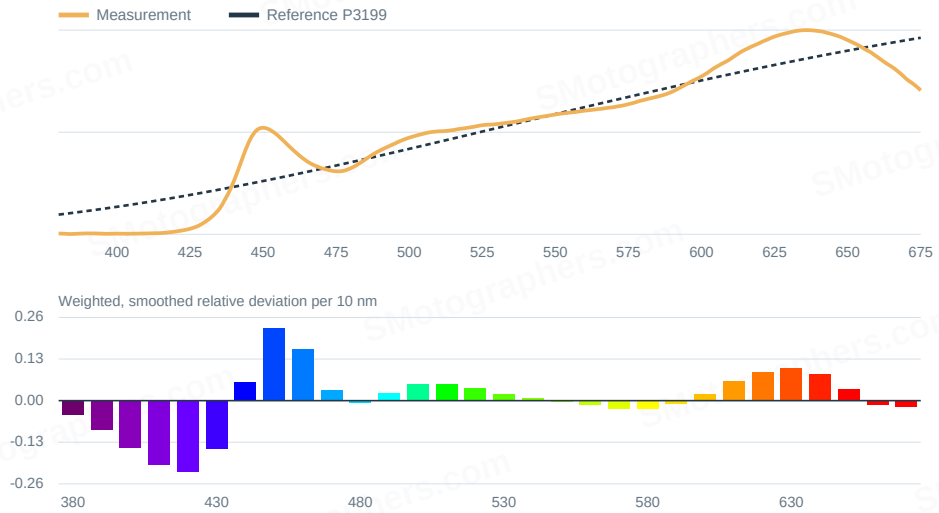


Samples sorted by hue bin 1-16; colour = hue bin.

Spectrum vs. TM-30 reference (equal area)



Academy SSI [P3199]



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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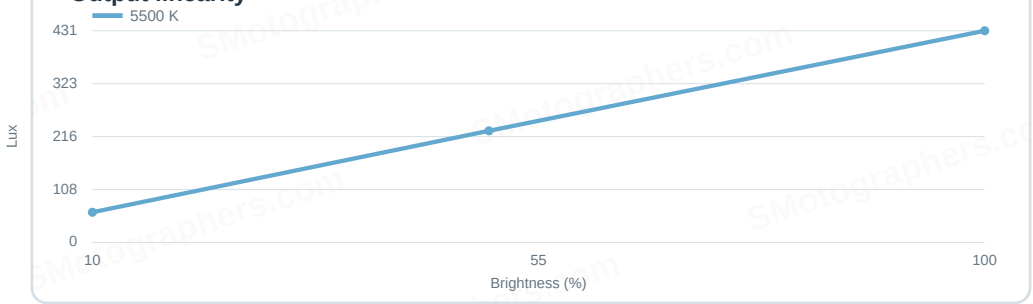
White light detail | Target CCT 5500 K

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	62	5673 K	-0.00003	2.67	96.0	85.0	447 nm
50%	227	5649 K	0.00022	2.36	95.9	84.0	446 nm
100%	431	5638 K	0.00013	2.51	95.8	85.0	446 nm

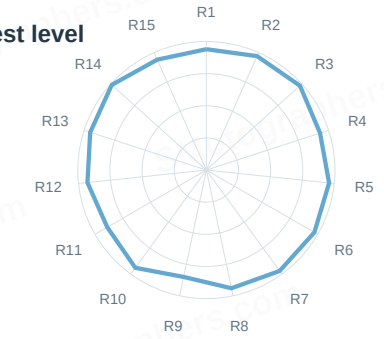
Colour metric	Value
SSI	74
TM-30 Rf	96
TM-30 Rg	104
TLCI (Info)	99
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	138 K
Mired deviation	4.45
Source	Godox TL60 100% 5500

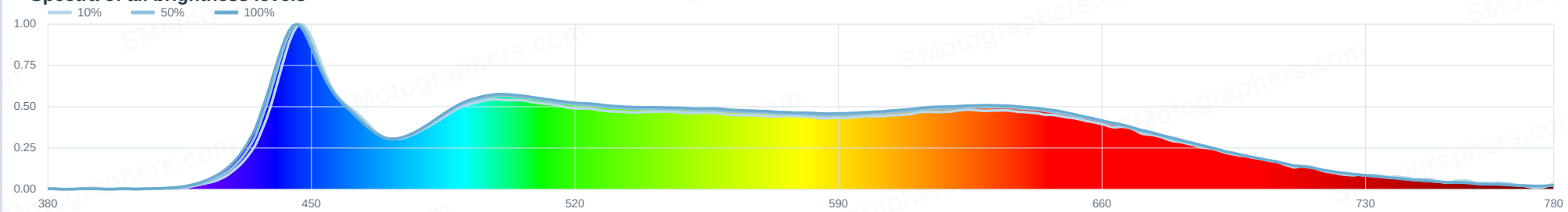
Output linearity



CRI R1-R15 at brightest level



Spectra of all brightness levels



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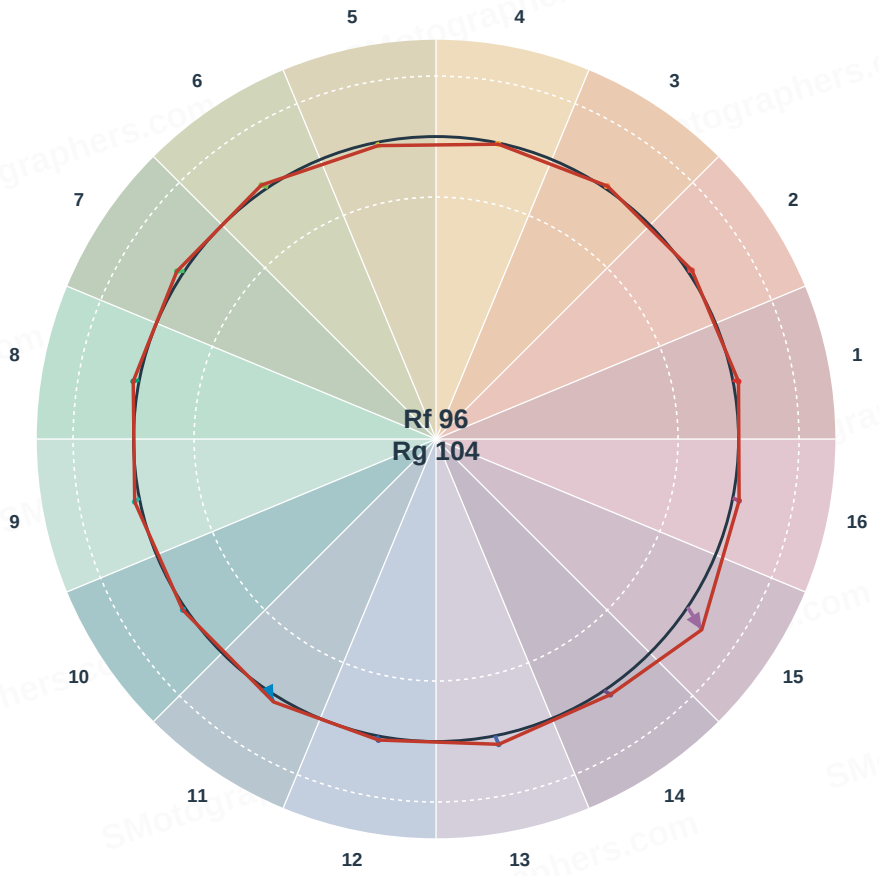
Godox TL60

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

LED EVALUATOR

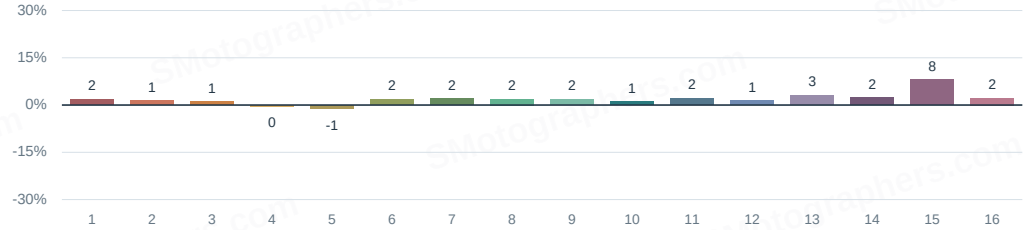
TM-30 RF	TM-30 RG	SSI [D5626]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
96	104	74	5625 K	0.0000	99	100 %

Color Vector Graphic

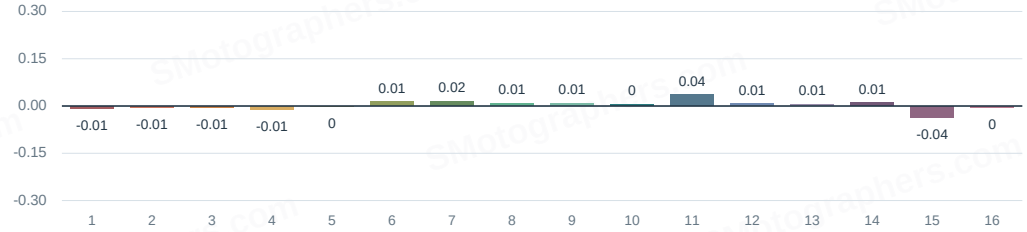


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

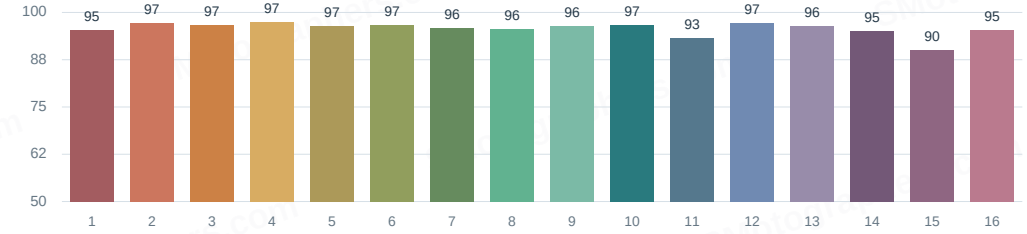
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



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Godox TL60

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

LED EVALUATOR

TM-30 RF	TM-30 RG	SSI [D5626]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
96	104	74	5625 K	0.0000	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	+2 % Chroma	+2 % Chroma	+2 % Chroma	+2 % Chroma	+1 % Chroma	+2 % Chroma	+1 % Chroma	+3 % Chroma	+2 % Chroma	+8 % Chroma	+2 % Chroma

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

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

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

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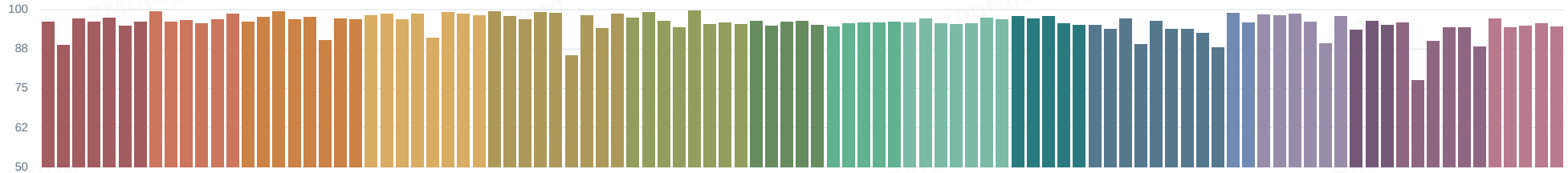
Godox TL60

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

LED EVALUATOR

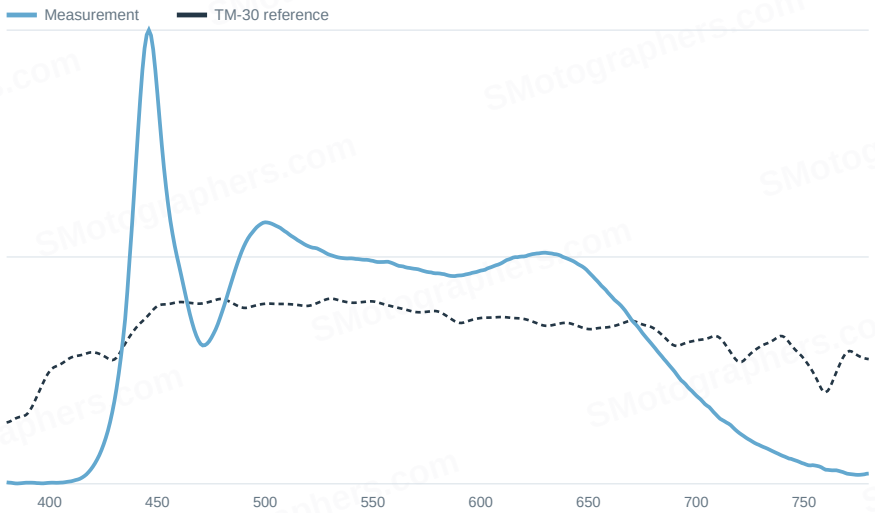
TM-30 RF	TM-30 RG	SSI [D5626]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
96	104	74	5625 K	0.0000	99	100 %

Fidelity per colour sample Rf,CES1-99

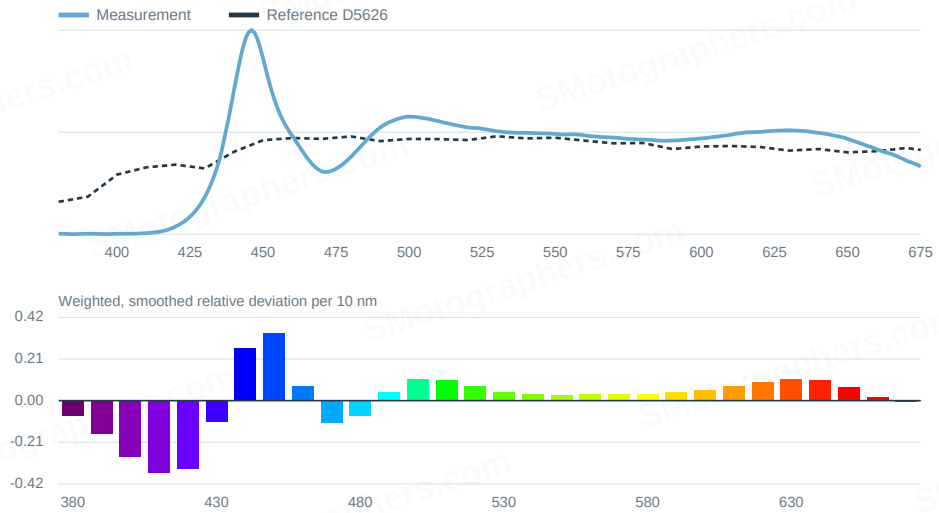


Samples sorted by hue bin 1-16; colour = hue bin.

Spectrum vs. TM-30 reference (equal area)



Academy SSI [D5626]



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 TL60

White light detail | Target CCT 6500 K

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
100%	451	6734 K	0.00427	2.85	97.9	97.0	446 nm

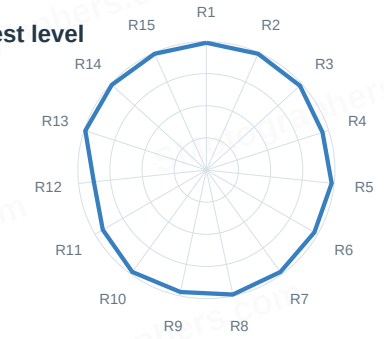
Colour metric	Value
SSI	70
TM-30 Rf	96
TM-30 Rg	102
TLCI (Info)	99
Measurements	1

Check	Value
Brightest level	100%
CCT deviation	234 K
Mired deviation	5.35
Source	Godox TL60 100% 6500

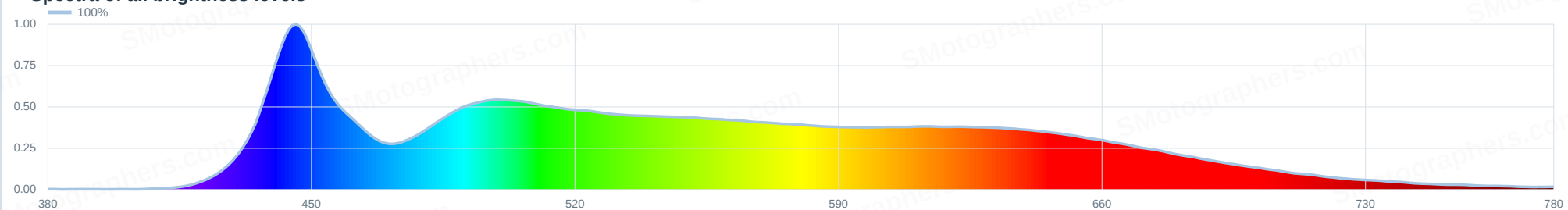
Output linearity



CRI R1-R15 at brightest level



Spectra of all brightness levels



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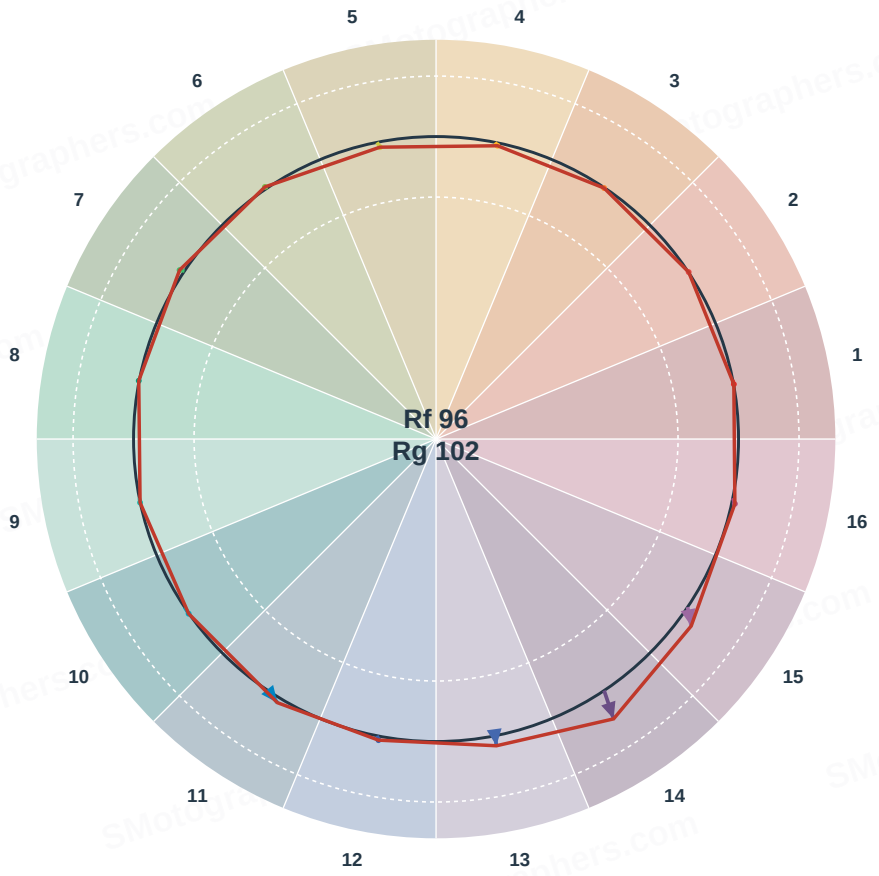
Godox TL60

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

LED EVALUATOR

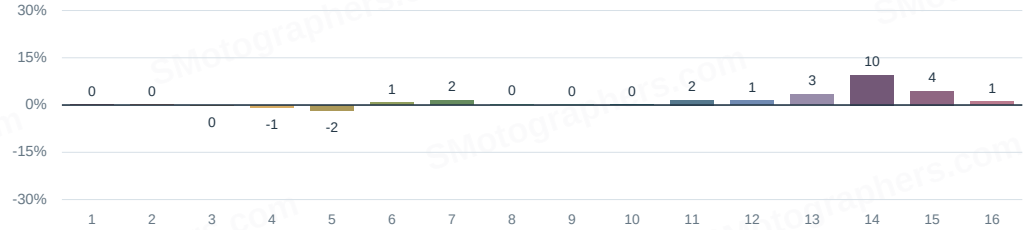
TM-30 RF	TM-30 RG	SSI [D6726]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
96	102	70	6725 K	0.0042	99	100 %

Color Vector Graphic

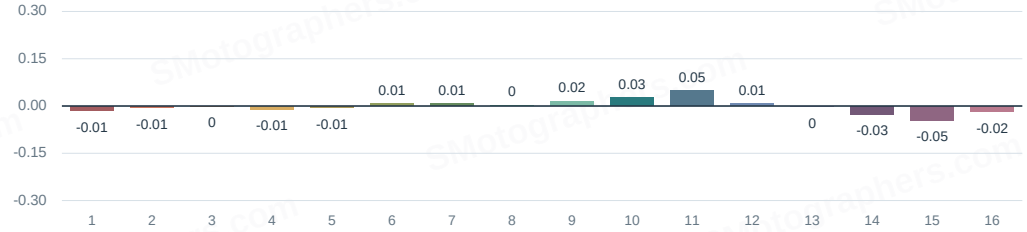


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

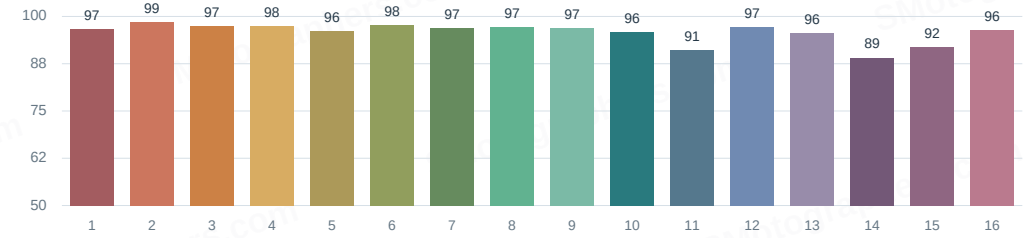
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



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Godox TL60

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

LED EVALUATOR

TM-30 RF	TM-30 RG	SSI [D6726]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
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Hue bins 1-16: average per bin



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

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

| | | |

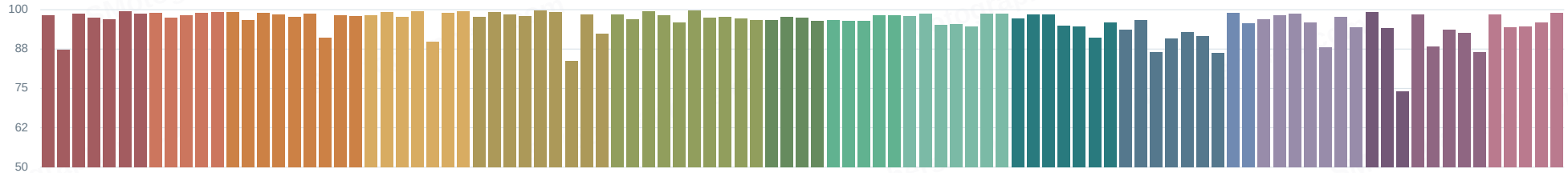
Godox TL60

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

LED EVALUATOR

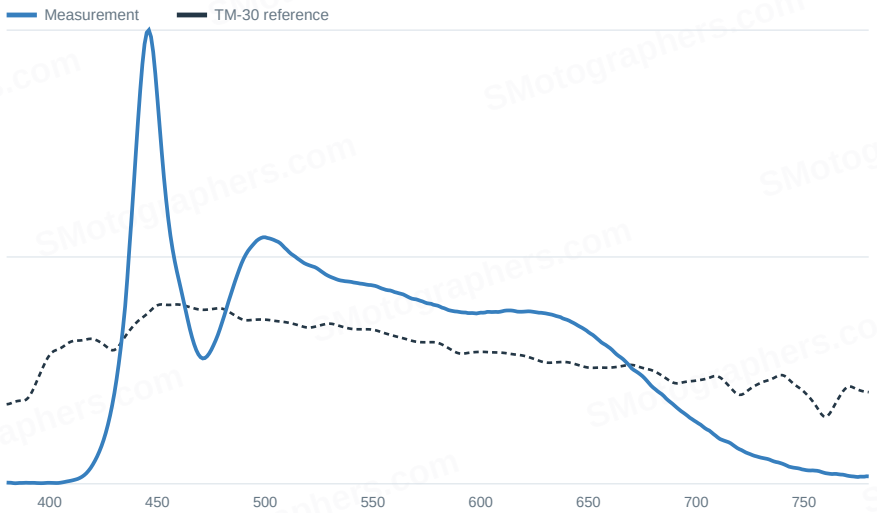
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96	102	70	6725 K	0.0042	99	100 %

Fidelity per colour sample Rf,CES1-99

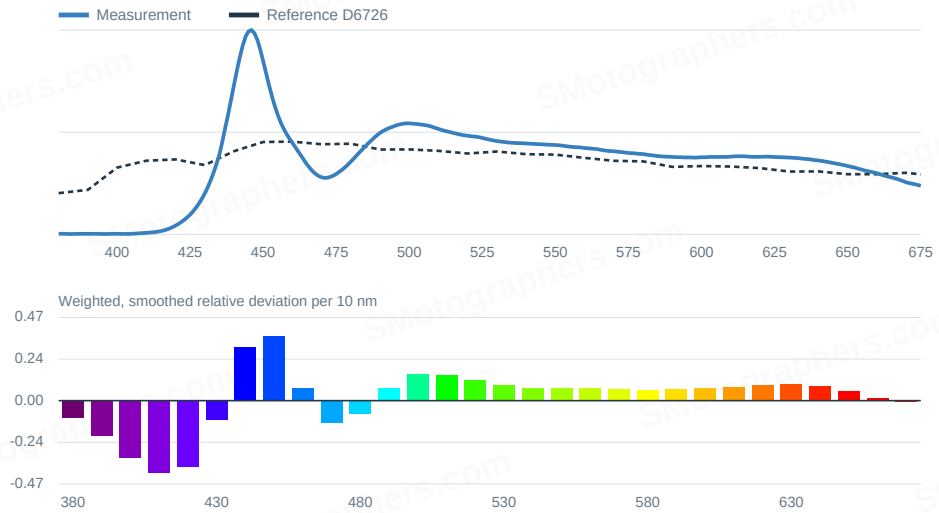


Samples sorted by hue bin 1-16; colour = hue bin.

Spectrum vs. TM-30 reference (equal area)



Academy SSI [D6726]



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

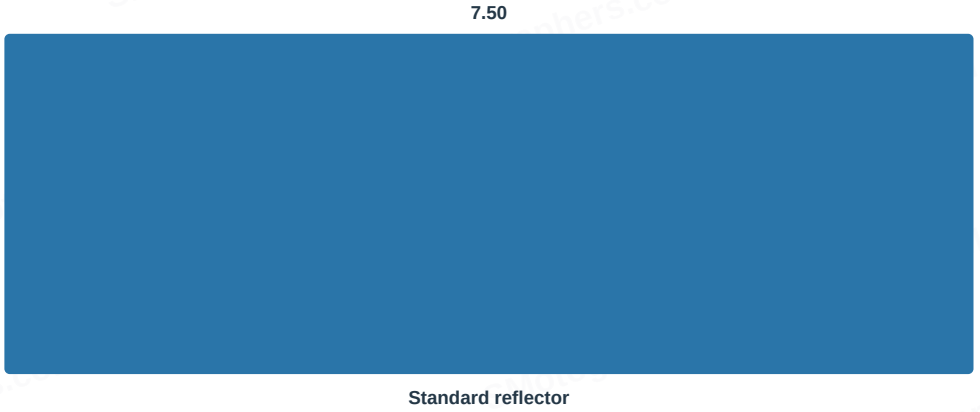
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Godox TL60

Reflectors | Maximum output

Reflector	Target CCT	Lux	EV	Measured CCT	Duv	Source
Standard reflector	-	451	7.50	6734 K	0.00427	Godox TL60 100% max with reflector

Max EV per reflector



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