Godox VI150

Measurement overview | 100 % measurements and reflectors

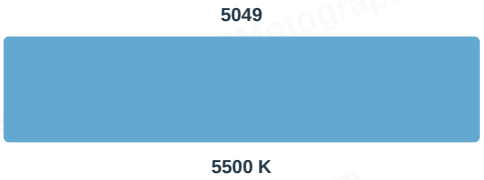
LED EVALUATOR

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	5500 K	100%	5049	10.98	5816 K	-0.00167	96.9	96.0	70.0	92.0	101.0	97	Godox VI150 100% 5500

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	5600 K	100%	45949	14.17	5822 K	-0.00288	96.6	92.0	Godox VI150 100% max with reflector

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LED Lab Report | Numbers-Import

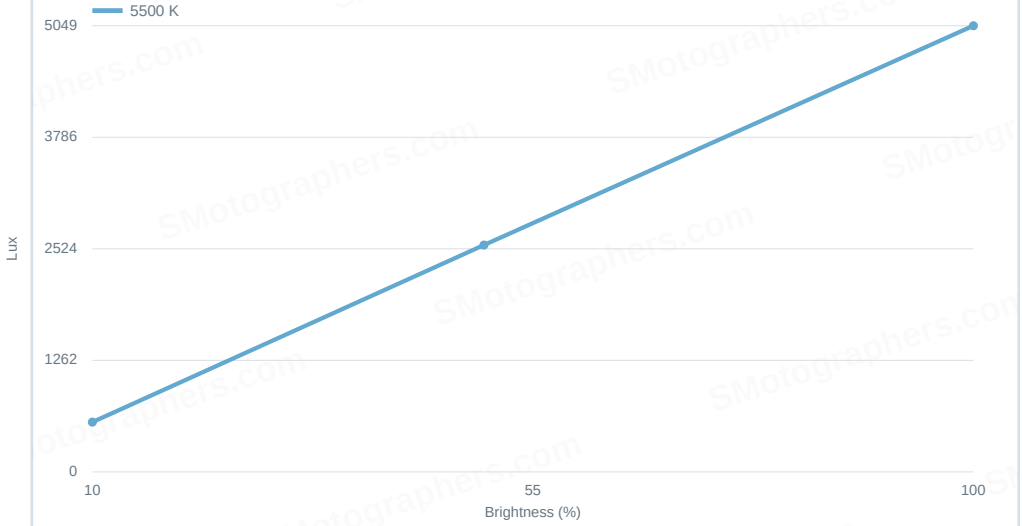
LED EVALUATOR

TOTAL	COLOUR	POWER	USABILITY
93.8	80.1	129.1	72.2

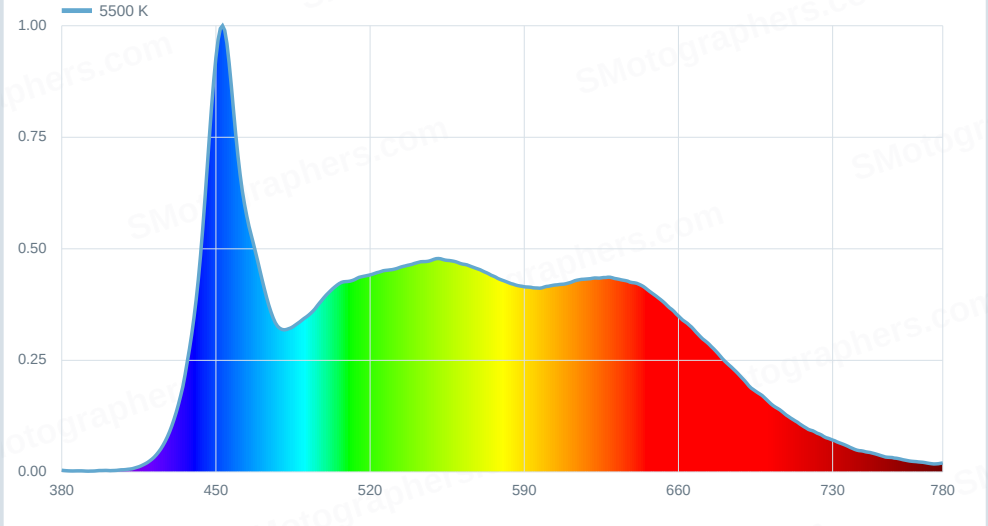
Luminaire	Value	Test	Value
LED type	Constant CCT	Power	150.0 W
Test date	2026-07-29	Distance	-
Modifier	Verschiedene Setups aus dem Numbers-Rechner	Mode	Linear (current)
RGB in total	Yes	Measurements	4

Target CCT	Max Lux	Measured CCT	Duv	Ra	SSI	Rf	Rg	TLCI
5500 K	5049	5816	-0.00167	96.9	70.0	92.0	101.0	97

Output across CCTs and levels



Spectrum at maximum brightness



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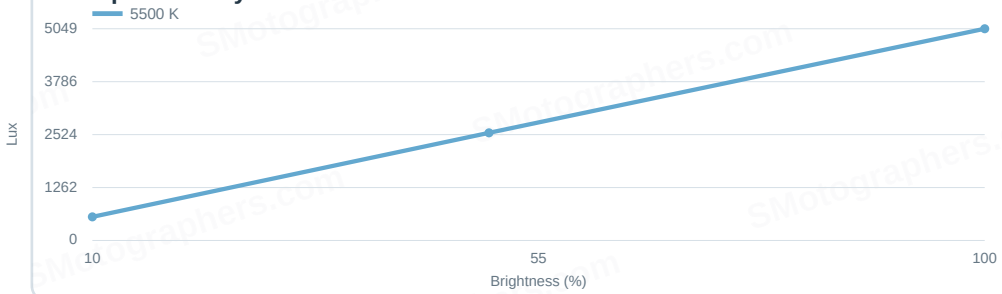
White light detail | Target CCT 5500 K

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	563	5793 K	-0.00029	3.51	96.2	95.0	454 nm
50%	2567	5798 K	-0.00065	3.93	96.8	96.0	453 nm
100%	5049	5816 K	-0.00167	5.20	96.9	96.0	453 nm

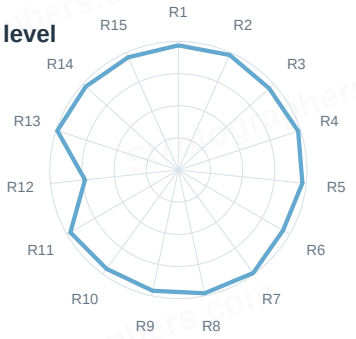
Colour metric	Value
SSI	70
TM-30 Rf	92
TM-30 Rg	101
TLCI (Info)	97
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	316 K
Mired deviation	9.88
Source	Godox VI150 100% 5500

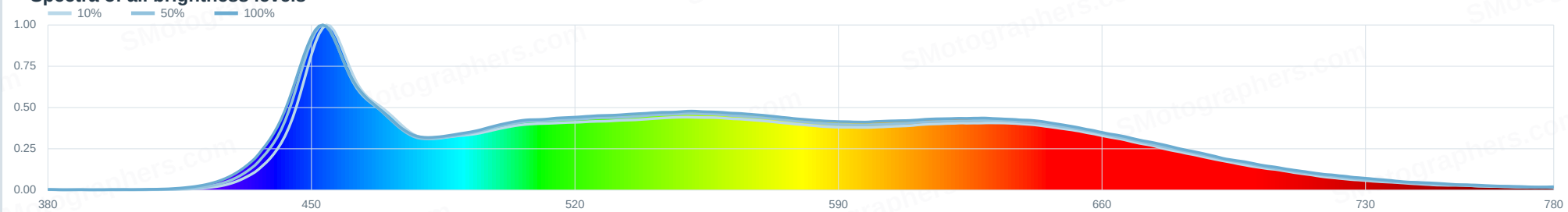
Output linearity



CRI R1-R15 at brightest level



Spectra of all brightness levels



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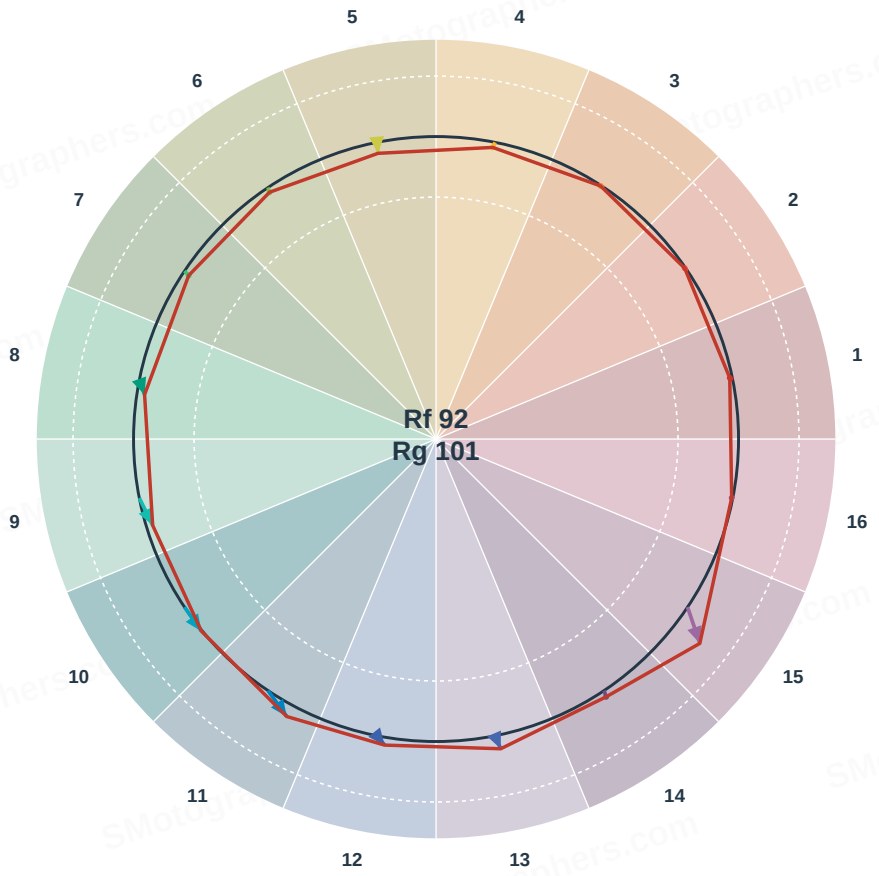
Godox VI150

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

LED EVALUATOR

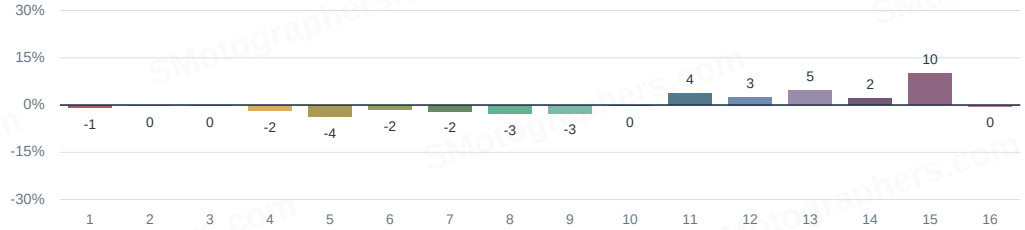
TM-30 RF	TM-30 RG	SSI [D5819]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
92	101	70	5819 K	-0.0016	97	100 %

Color Vector Graphic

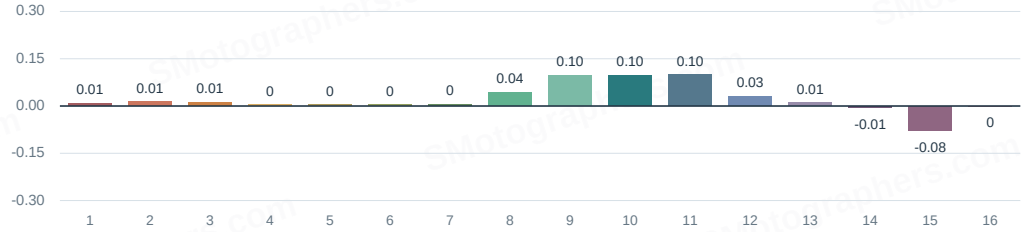


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

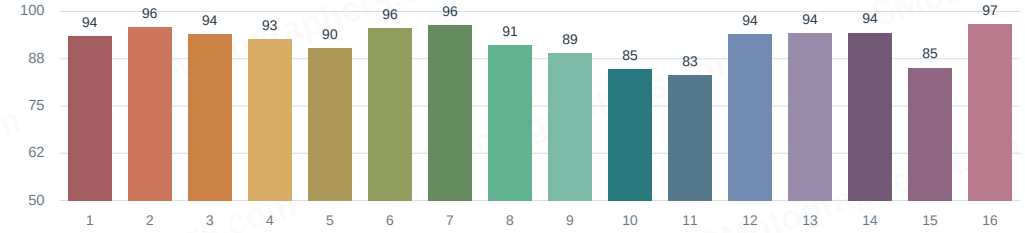
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



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

LED EVALUATOR

TM-30 RF	TM-30 RG	SSI [D5819]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
92	101	70	5819 K	-0.0016	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	-0 % Chroma	-2 % Chroma	-4 % Chroma	-2 % Chroma	-2 % Chroma	-3 % Chroma	-3 % Chroma	-0 % Chroma	+4 % Chroma	+3 % Chroma	+5 % Chroma	+2 % Chroma	+10 % Chroma	-0 % Chroma

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

CES 2 Rf 96	CES 3 Rf 86	CES 4 Rf 91	CES 5 Rf 89	CES 6 Rf 96	CES 7 Rf 99	CES 8 Rf 99	CES 9 Rf 95	CES 10 Rf 95	CES 11 Rf 94	CES 12 Rf 94
CES 13 Rf 99	CES 14 Rf 100	CES 15 Rf 92	CES 16 Rf 98	CES 17 Rf 96	CES 18 Rf 96	CES 19 Rf 94	CES 20 Rf 87	CES 21 Rf 92	CES 22 Rf 96	CES 23 Rf 98
CES 24 Rf 94	CES 25 Rf 90	CES 26 Rf 96	CES 27 Rf 88	CES 28 Rf 96	CES 29 Rf 95	CES 30 Rf 85	CES 31 Rf 96	CES 32 Rf 95	CES 33 Rf 94	CES 34 Rf 94
CES 35 Rf 95	CES 36 Rf 75	CES 37 Rf 94	CES 38 Rf 80	CES 39 Rf 98	CES 40 Rf 98	CES 41 Rf 93	CES 42 Rf 94	CES 43 Rf 95	CES 44 Rf 99	CES 45 Rf 98
CES 46 Rf 99	CES 47 Rf 93	CES 48 Rf 87	CES 49 Rf 98	CES 50 Rf 95	CES 51 Rf 94	CES 52 Rf 98	CES 53 Rf 96	CES 54 Rf 90	CES 55 Rf 88	CES 56 Rf 92
CES 57 Rf 90	CES 58 Rf 90	CES 59 Rf 96	CES 60 Rf 90	CES 61 Rf 90	CES 62 Rf 80	CES 63 Rf 91	CES 64 Rf 87	CES 65 Rf 88	CES 66 Rf 83	CES 67 Rf 82
CES 68 Rf 85	CES 69 Rf 85	CES 70 Rf 84	CES 71 Rf 75	CES 72 Rf 92	CES 73 Rf 78	CES 74 Rf 89	CES 75 Rf 78	CES 76 Rf 86	CES 77 Rf 85	CES 78 Rf 82
CES 79 Rf 96	CES 80 Rf 92	CES 81 Rf 97	CES 82 Rf 97	CES 83 Rf 99	CES 84 Rf 92	CES 85 Rf 83	CES 86 Rf 98	CES 87 Rf 92	CES 88 Rf 97	CES 89 Rf 94
CES 90 Rf 94	CES 91 Rf 67	CES 92 Rf 84	CES 93 Rf 90	CES 94 Rf 92	CES 95 Rf 84	CES 1 Rf 98	CES 96 Rf 94	CES 97 Rf 98	CES 98 Rf 98	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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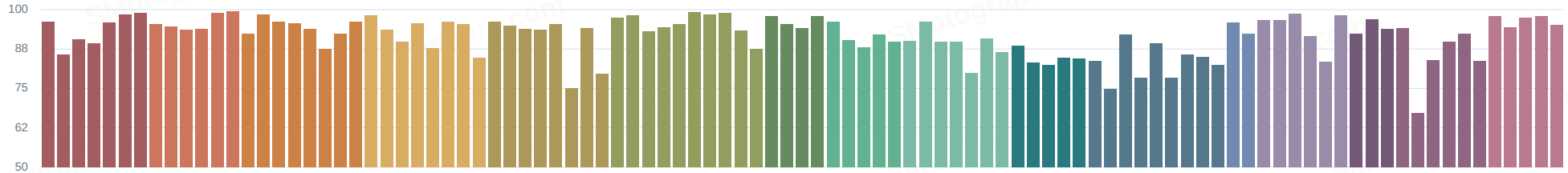
Godox VI150

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

LED EVALUATOR

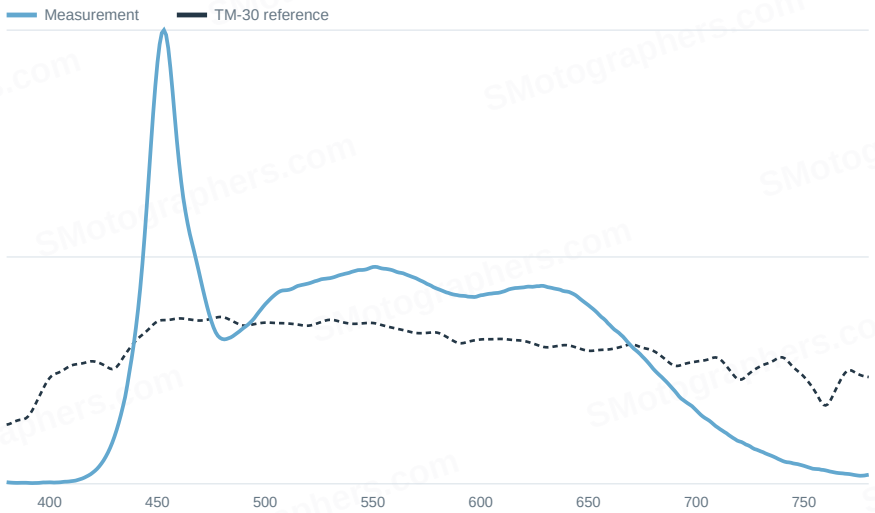
TM-30 RF	TM-30 RG	SSI [D5819]	CCT (TM-30)	DUV	TLCI (INFO)	MEASUREMENT
92	101	70	5819 K	-0.0016	97	100 %

Fidelity per colour sample Rf,CES1-99

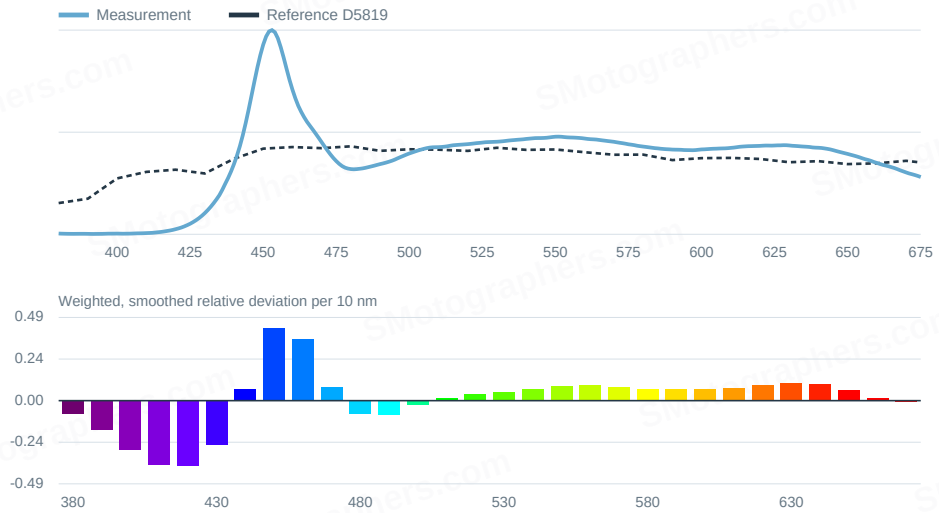


Samples sorted by hue bin 1-16; colour = hue bin.

Spectrum vs. TM-30 reference (equal area)



Academy SSI [D5819]



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

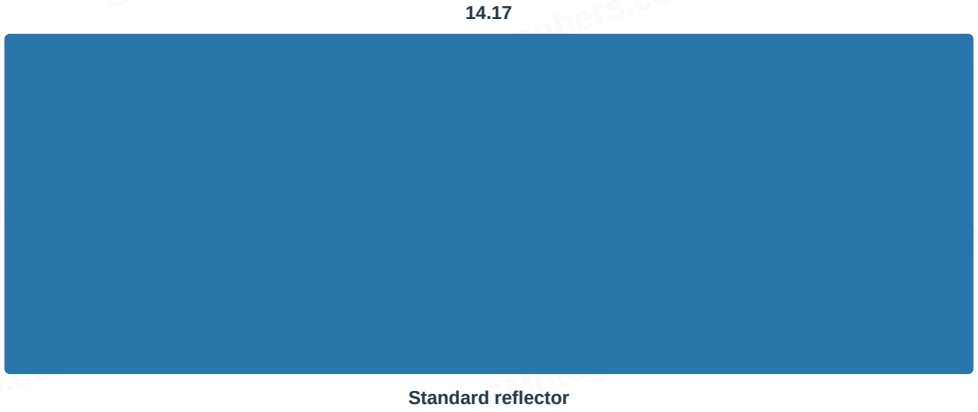
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Reflectors | Maximum output

Reflector	Target CCT	Lux	EV	Measured CCT	Duv	Source
Standard reflector	5600 K	45949	14.17	5822 K	-0.00288	Godox VI150 100% max with reflector

Max EV per reflector



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