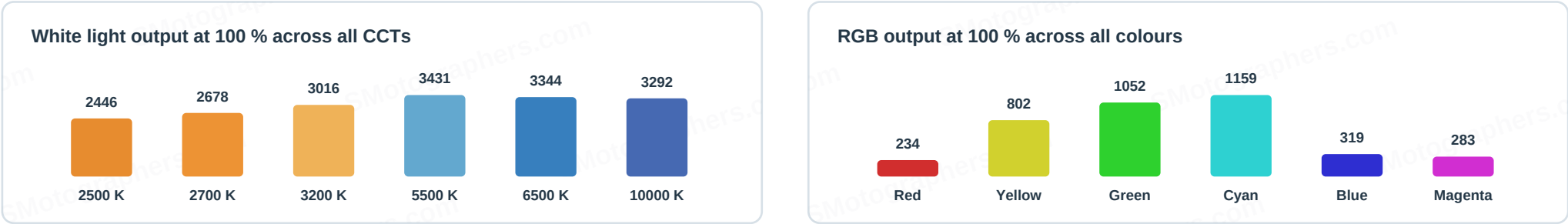


Key values at maximum brightness

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	2500 K	100%	2446	9.93	2448 K	-0.00056	96.1	97.0	91.0	96.0	103.0	98	OHS-132434.csv
White	2700 K	100%	2678	10.07	2725 K	-0.00198	97.2	99.0	88.0	96.0	103.0	98	OHS-132508.csv
White	3200 K	100%	3016	10.24	3335 K	-0.00245	96.4	92.0	82.0	95.0	103.0	98	OHS-132536.csv
White	5500 K	100%	3431	10.42	6013 K	-0.00368	95.6	83.0	71.0	93.0	103.0	99	OHS-132614.csv
White	6500 K	100%	3344	10.39	7533 K	-0.00365	95.7	83.0	67.0	92.0	102.0	98	OHS-132646.csv
White	10000 K	100%	3292	10.36	12293 K	-0.00107	95.1	96.0	59.0	89.0	98.0	95	OHS-132716.csv
Red	0.0 deg	100%	234	6.55	0.0 deg	-	-	-	-	-	-	-	OHS-133929.csv
Yellow	60.0 deg	100%	802	8.32	63.5 deg	-	-	-	-	-	-	-	OHS-133951.csv
Green	120.0 deg	100%	1052	8.72	125.6 deg	-	-	-	-	-	-	-	OHS-134047.csv
Cyan	180.0 deg	100%	1159	8.86	177.1 deg	-	-	-	-	-	-	-	OHS-134111.csv
Blue	240.0 deg	100%	319	7.00	255.8 deg	-	-	-	-	-	-	-	OHS-134131.csv
Magenta	300.0 deg	100%	283	6.82	309.5 deg	-	-	-	-	-	-	-	OHS-134150.csv



Output with all reflectors

Reflector	Target CCT	Level	Lux	EV	Measured CCT	Duv	CRI Ra	R9	Source
BDR-W55	5500 K	100%	1378	9.11	5604 K	0.00439	97.2	94.0	OHS-134801.csv
Kit reflector	5500 K	100%	15169	12.57	5757 K	-0.00092	97.2	94.0	OHS-134507.csv
Standard reflector	5500 K	100%	20887	13.03	5633 K	-0.00080	97.1	93.0	OHS-134544.csv

Zhiyun Molus x100RGB

LED Lab Report | Lab-Test

LED EVALUATOR

TOTAL

89.0

COLOUR

65.9

POWER

85.8

USABILITY

73.2

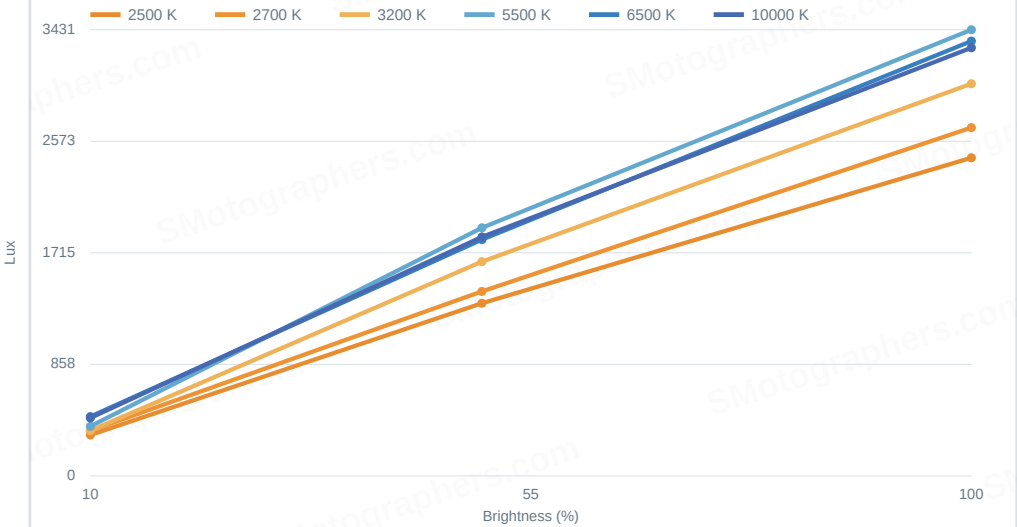
RGB

131.1

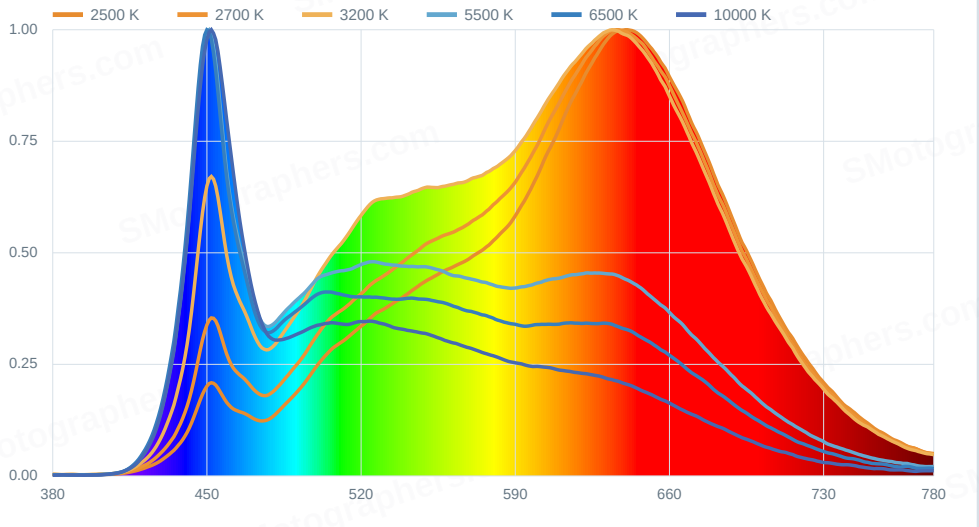
Luminaire	Value	Test	Value
LED type	RGB	Power	100.0 W
Test date	2026-10-06	Distance	1.00 m
Modifier	Lab-Standard	Mode	Linear (current)
RGB in total	Yes	Measurements	39

Target CCT	Max Lux	Measured CCT	Duv	Ra	SSI	Rf	Rg	TLCI
2500 K	2446	2448	-0.00056	96.1	91.0	96.0	103.0	98
2700 K	2678	2725	-0.00198	97.2	88.0	96.0	103.0	98
3200 K	3016	3335	-0.00245	96.4	82.0	95.0	103.0	98
5500 K	3431	6013	-0.00368	95.6	71.0	93.0	103.0	99
6500 K	3344	7533	-0.00365	95.7	67.0	92.0	102.0	98
10000 K	3292	12293	-0.00107	95.1	59.0	89.0	98.0	95

Output across CCTs and levels



Spectrum at maximum brightness



Zhiyun Molus x100RGB

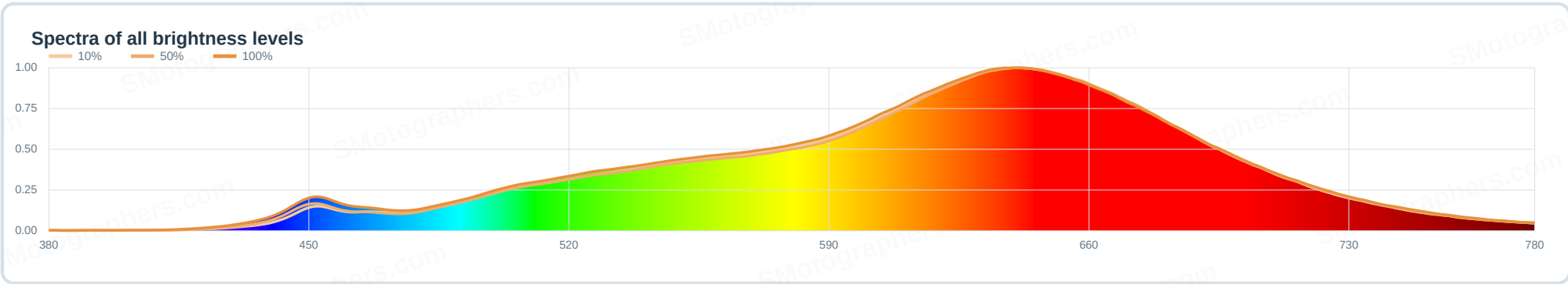
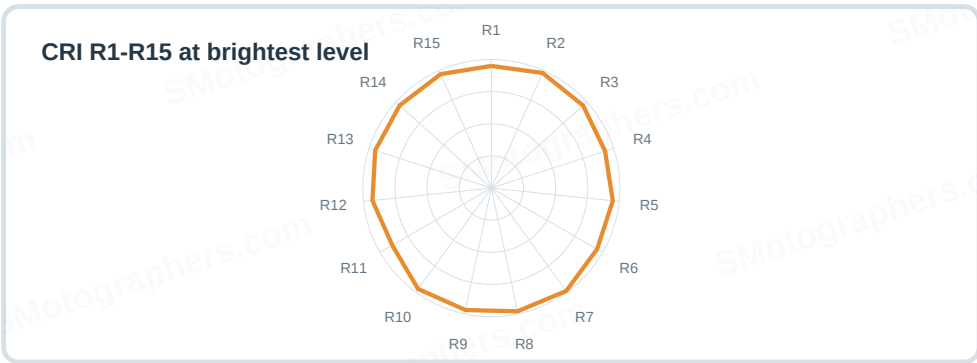
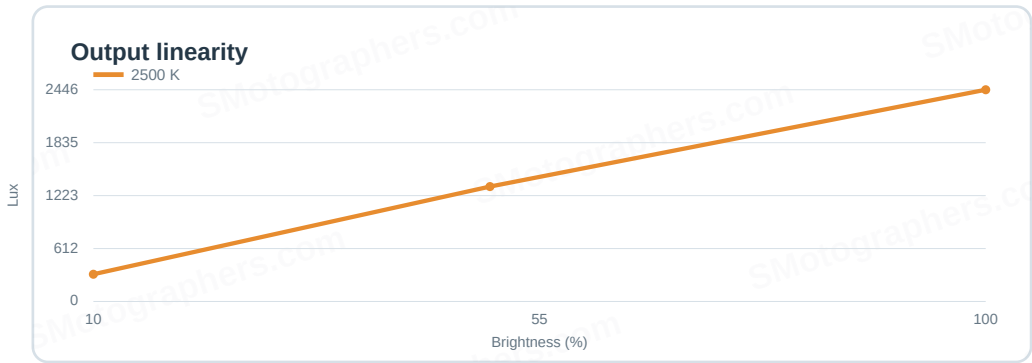
White light detail | Target CCT 2500 K

LED EVALUATOR

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	315	2376 K	0.00182	5.99	95.9	98.0	640 nm
50%	1328	2387 K	0.00079	4.54	95.1	93.0	640 nm
100%	2446	2448 K	-0.00056	0.85	96.1	97.0	640 nm

Colour metric	Value
SSI	91
TM-30 Rf	96
TM-30 Rg	103
TLCI (Info)	98
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	-52 K
Mired deviation	8.50
Source	OHS-132434.csv



Zhiyun Molus x100RGB

ANSI/IES TM-30 colour rendition | Target CCT 2500 K

LED EVALUATOR

TM-30 RF

96

TM-30 RG

103

SSI [P2435]

91

CCT (TM-30)

2448 K

DUV

-0.0006

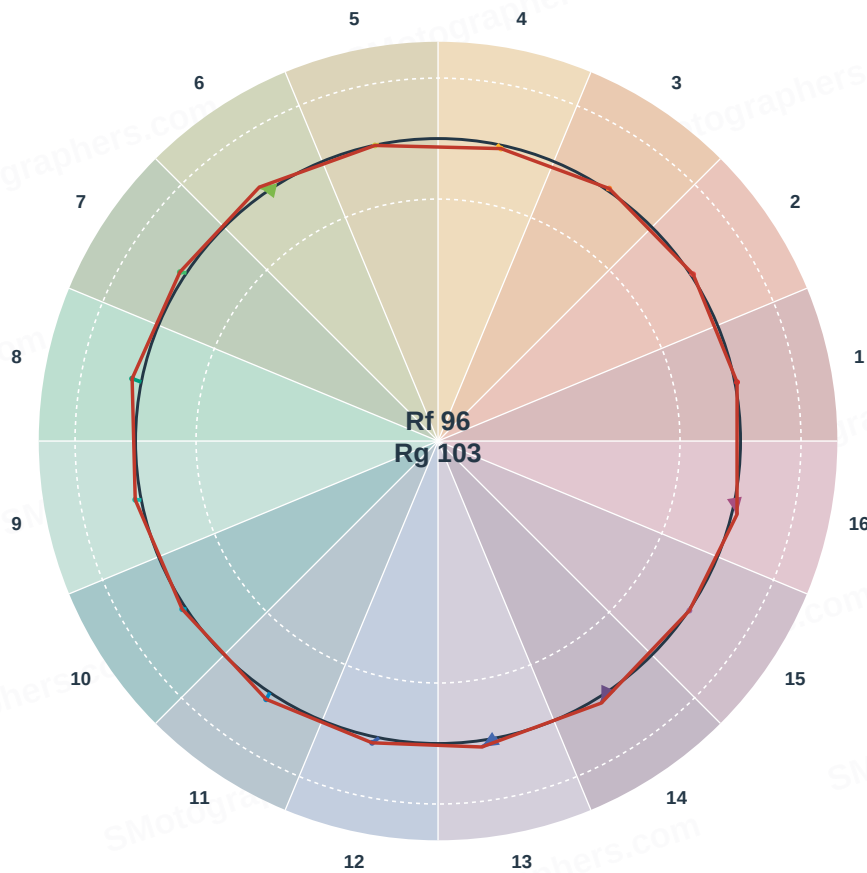
TLCI (INFO)

98

MEASUREMENT

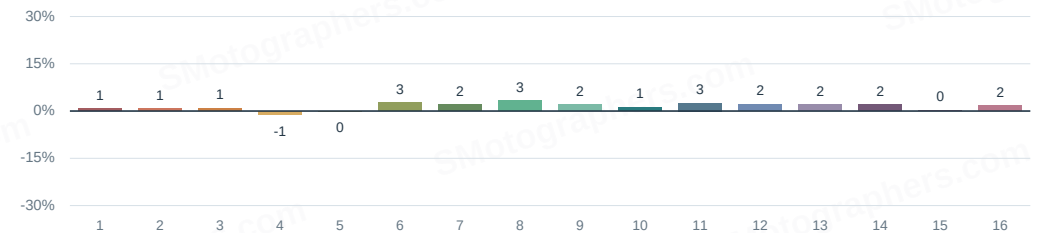
100 %

Color Vector Graphic

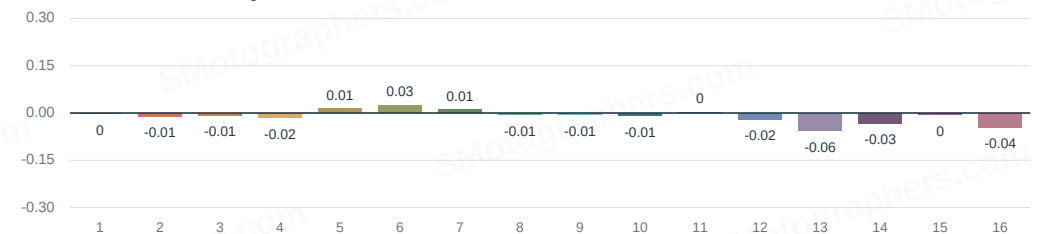


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

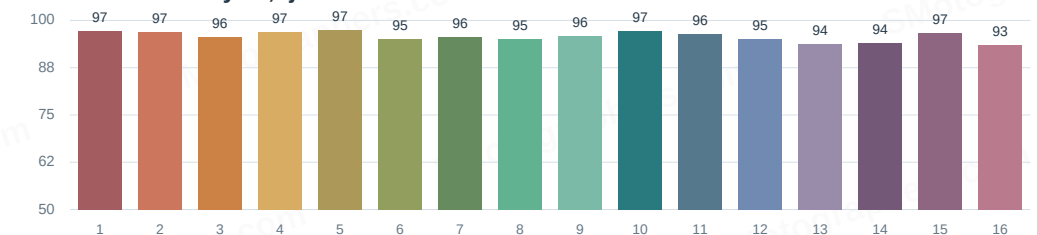
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



Zhiyun Molus x100RGB

TM-30 colour swatches: reference vs. measurement | Target CCT 2500 K

LED EVALUATOR

TM-30 RF

96

TM-30 RG

103

SSI [P2435]

91

CCT (TM-30)

2448 K

DUV

-0.0006

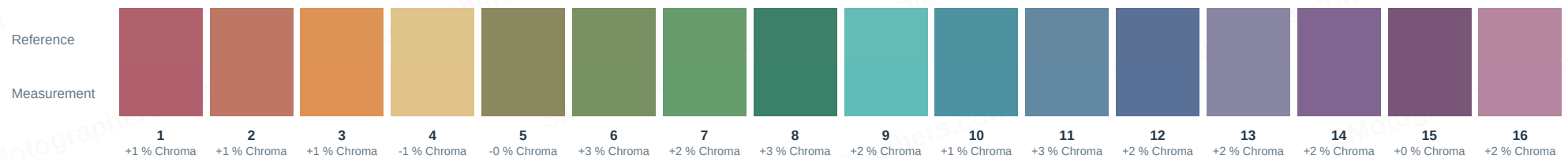
TLCI (INFO)

98

MEASUREMENT

100 %

Hue bins 1-16: average per bin



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

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

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

Zhiyun Molus x100RGB

TM-30 colour samples & Academy SSI | Target CCT 2500 K

LED EVALUATOR

TM-30 RF

96

TM-30 RG

103

SSI [P2435]

91

CCT (TM-30)

2448 K

DUV

-0.0006

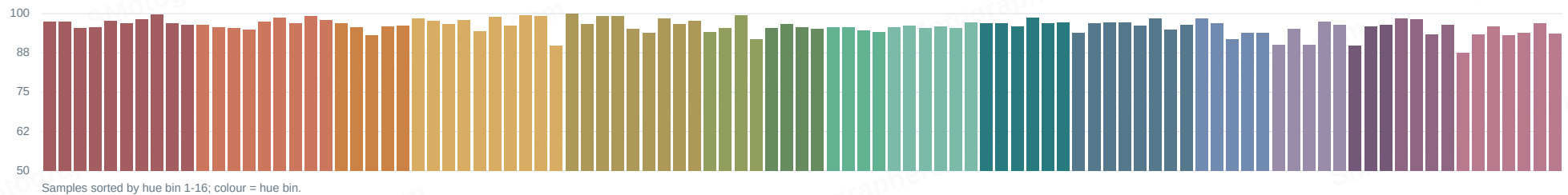
TLCI (INFO)

98

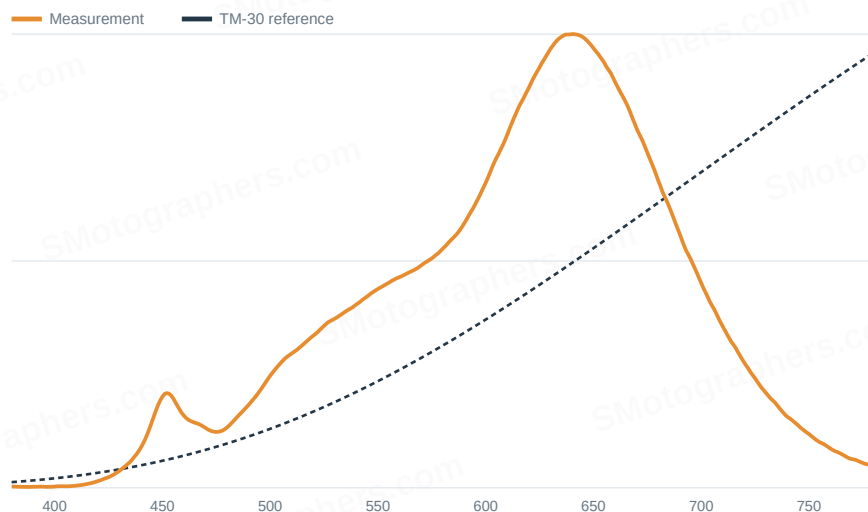
MEASUREMENT

100 %

Fidelity per colour sample Rf,CES1-99



Spectrum vs. TM-30 reference (equal area)



Academy SSI [P2435]



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

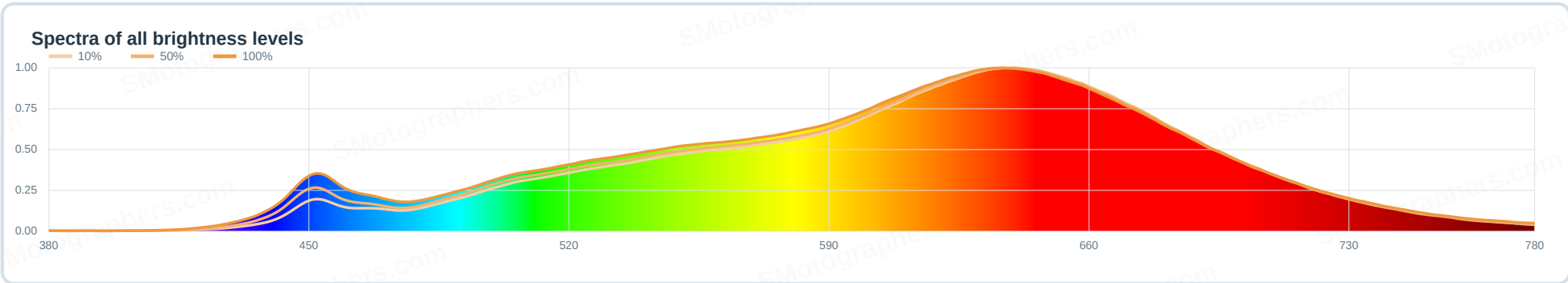
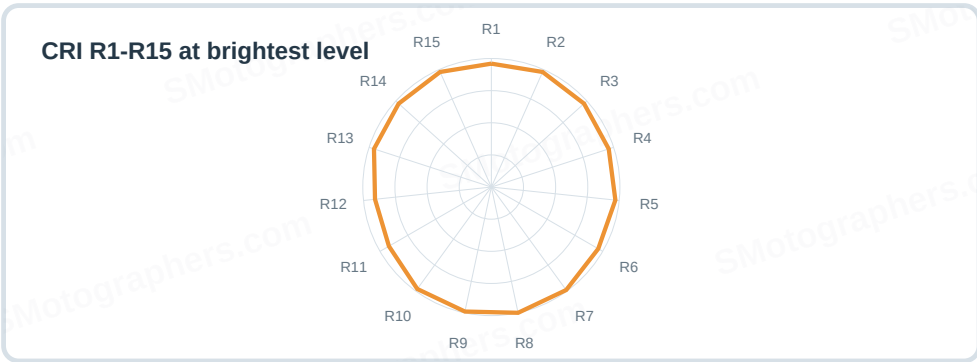
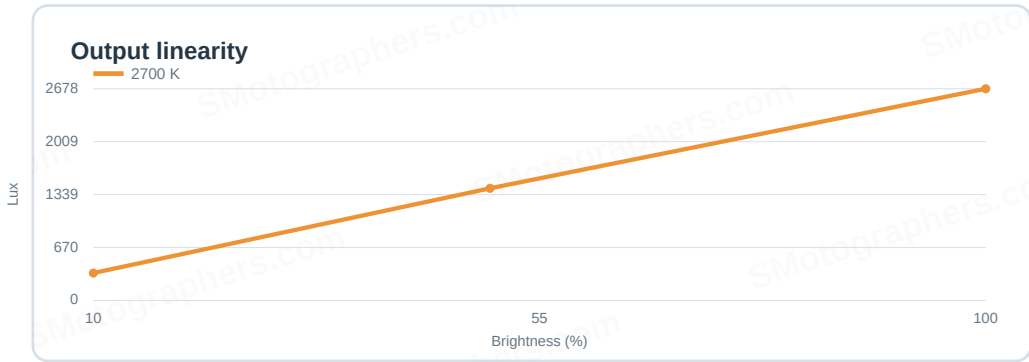
Zhiyun Molus x100RGB

White light detail | Target CCT 2700 K

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	347	2517 K	0.00238	3.89	97.3	98.0	640 nm
50%	1419	2614 K	0.00049	5.19	97.2	98.0	640 nm
100%	2678	2725 K	-0.00198	2.60	97.2	99.0	636 nm

Colour metric	Value
SSI	88
TM-30 Rf	96
TM-30 Rg	103
TLCI (Info)	98
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	25 K
Mired deviation	3.40
Source	OHS-132508.csv



Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

96

TM-30 RG

103

SSI [P2721]

88

CCT (TM-30)

2724 K

DUV

-0.0020

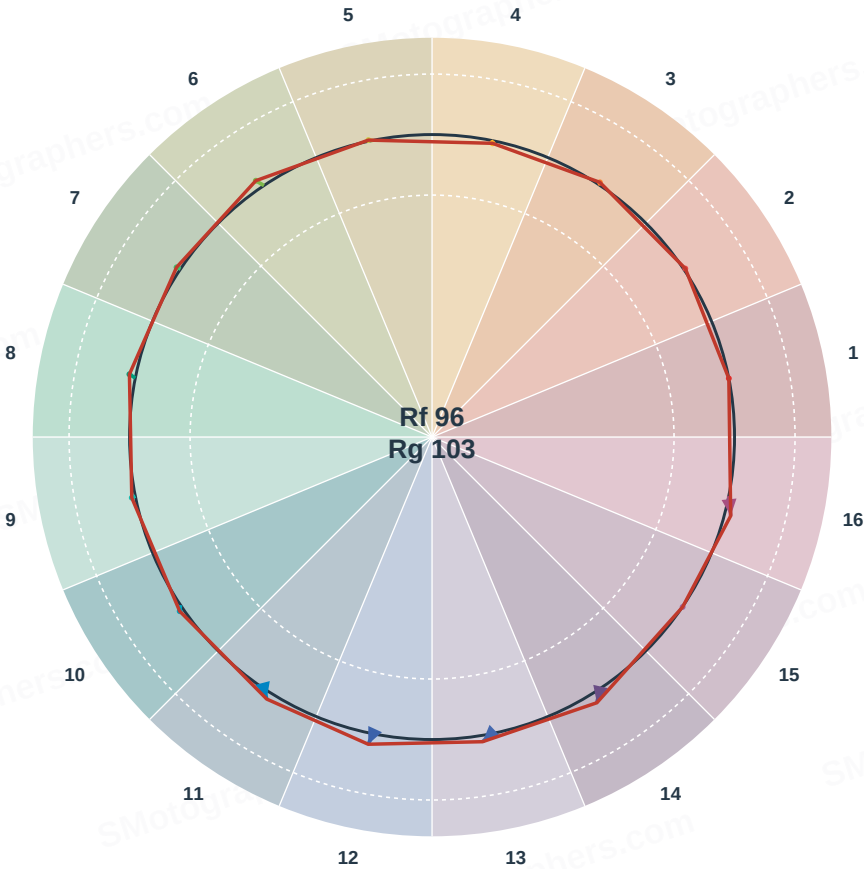
TLCI (INFO)

98

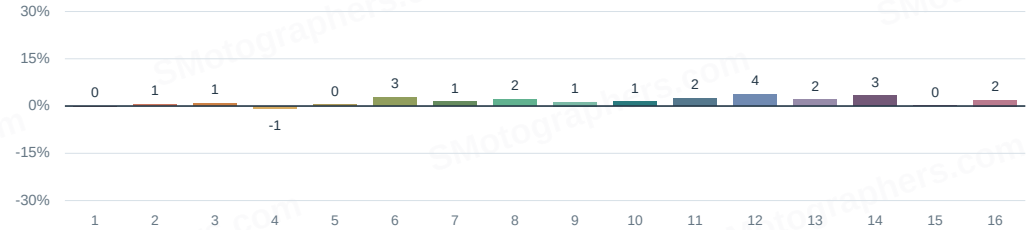
MEASUREMENT

100 %

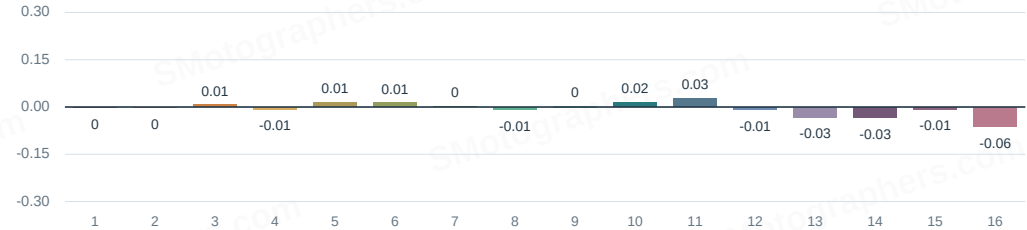
Color Vector Graphic



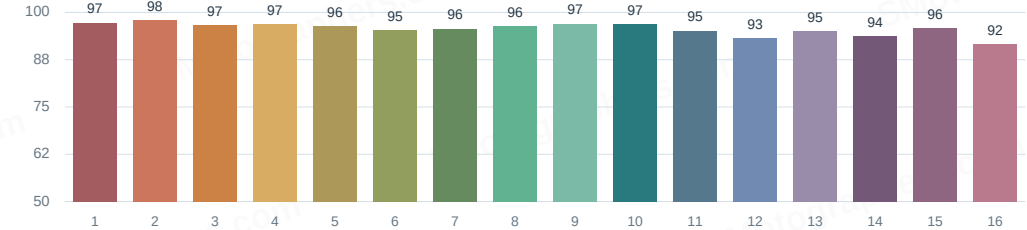
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

96

TM-30 RG

103

SSI [P2721]

88

CCT (TM-30)

2724 K

DUV

-0.0020

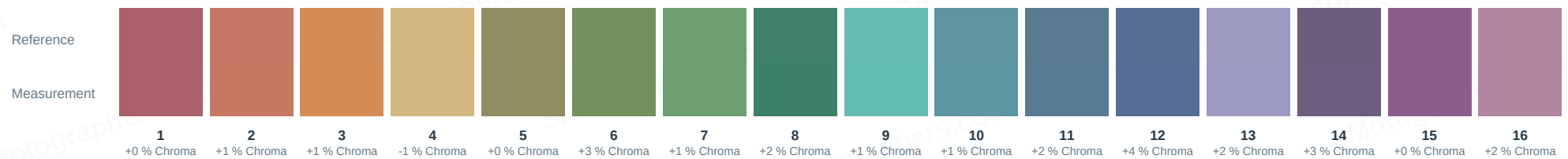
TLCI (INFO)

98

MEASUREMENT

100 %

Hue bins 1-16: average per bin



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

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

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

Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

96

TM-30 RG

103

SSI [P2721]

88

CCT (TM-30)

2724 K

DUV

-0.0020

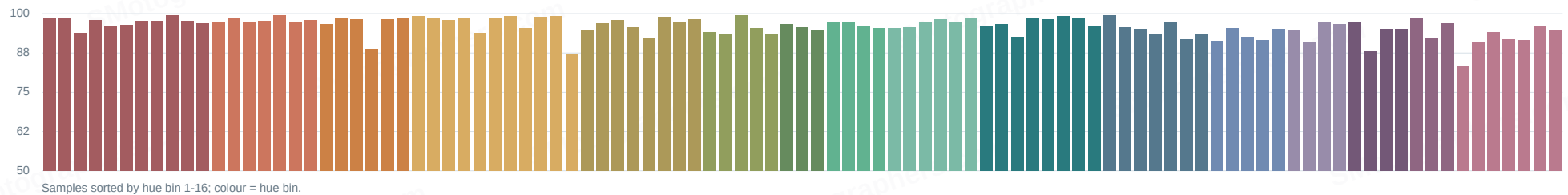
TLCI (INFO)

98

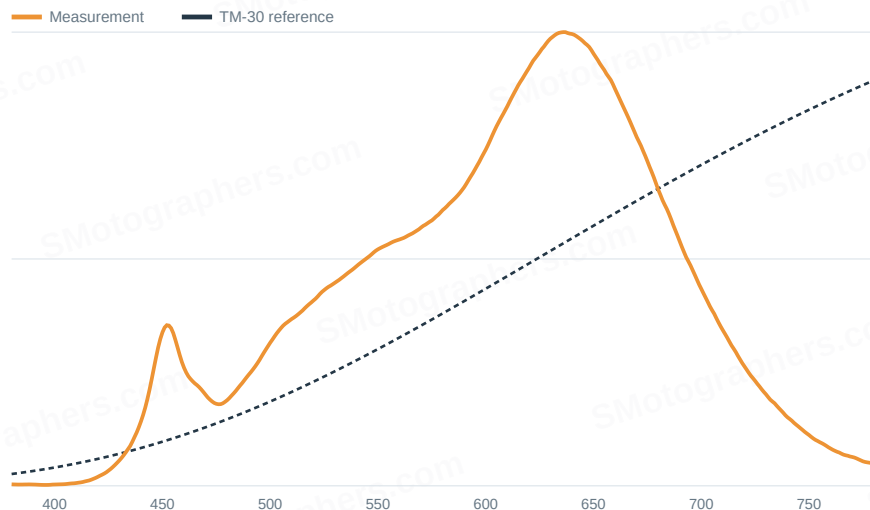
MEASUREMENT

100 %

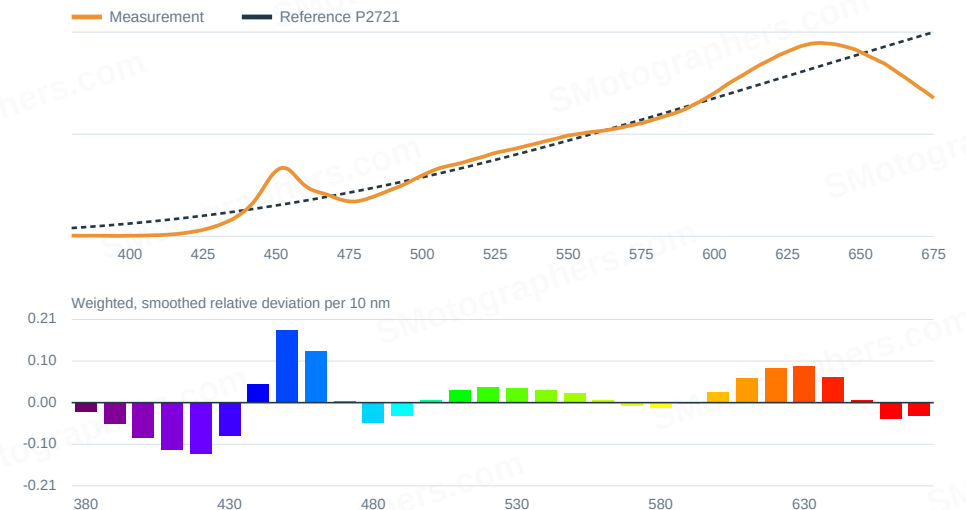
Fidelity per colour sample Rf,CES1-99



Spectrum vs. TM-30 reference (equal area)



Academy SSI [P2721]



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

Zhiyun Molus x100RGB

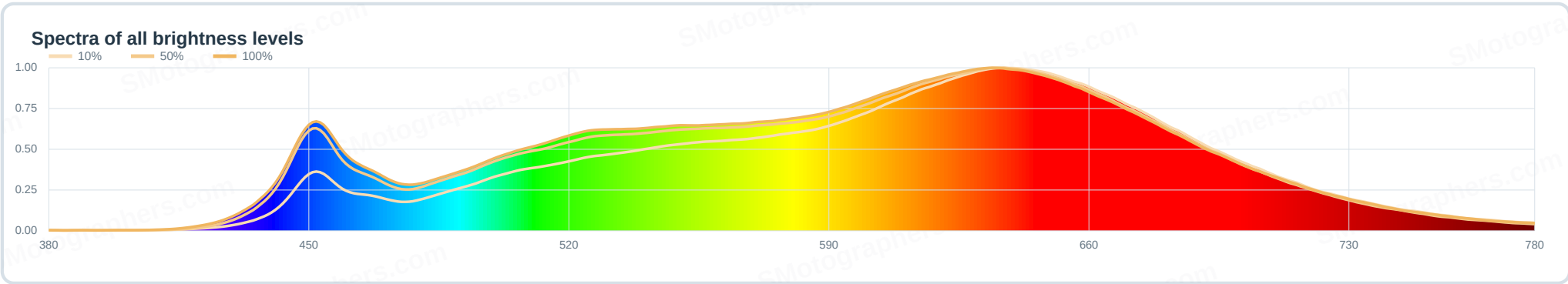
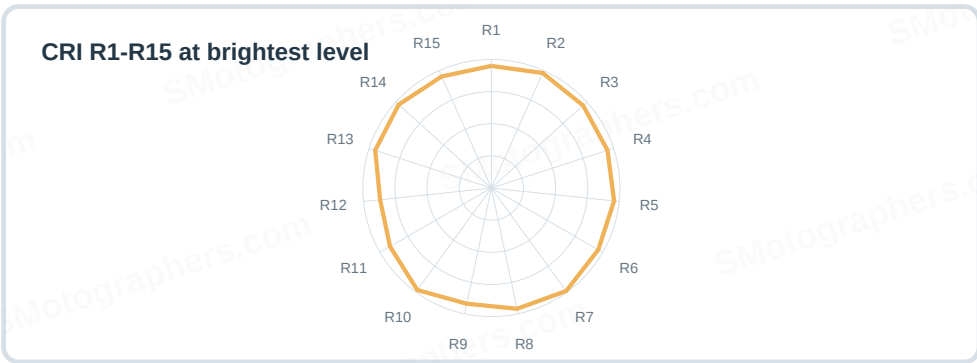
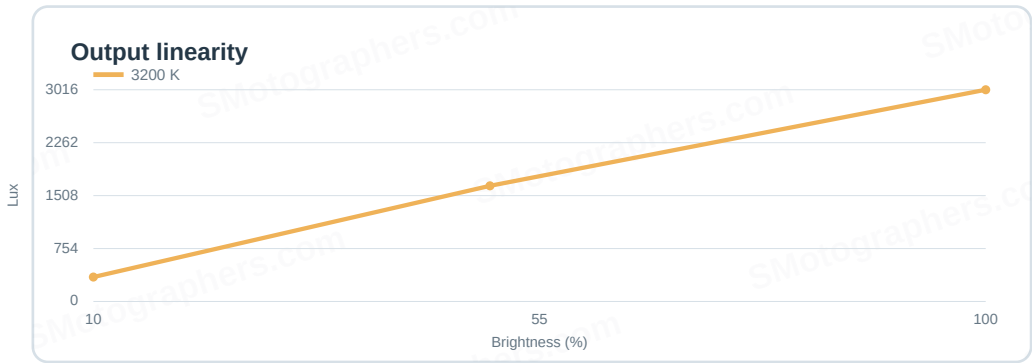
White light detail | Target CCT 3200 K

LED EVALUATOR

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	348	2783 K	0.00010	2.56	96.7	95.0	637 nm
50%	1647	3233 K	-0.00217	6.65	96.0	90.0	637 nm
100%	3016	3335 K	-0.00245	4.30	96.4	92.0	634 nm

Colour metric	Value
SSI	82
TM-30 Rf	95
TM-30 Rg	103
TLCI (Info)	98
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	135 K
Mired deviation	12.65
Source	OHS-132536.csv



Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

95

TM-30 RG

103

SSI [P3345]

82

CCT (TM-30)

3334 K

DUV

-0.0025

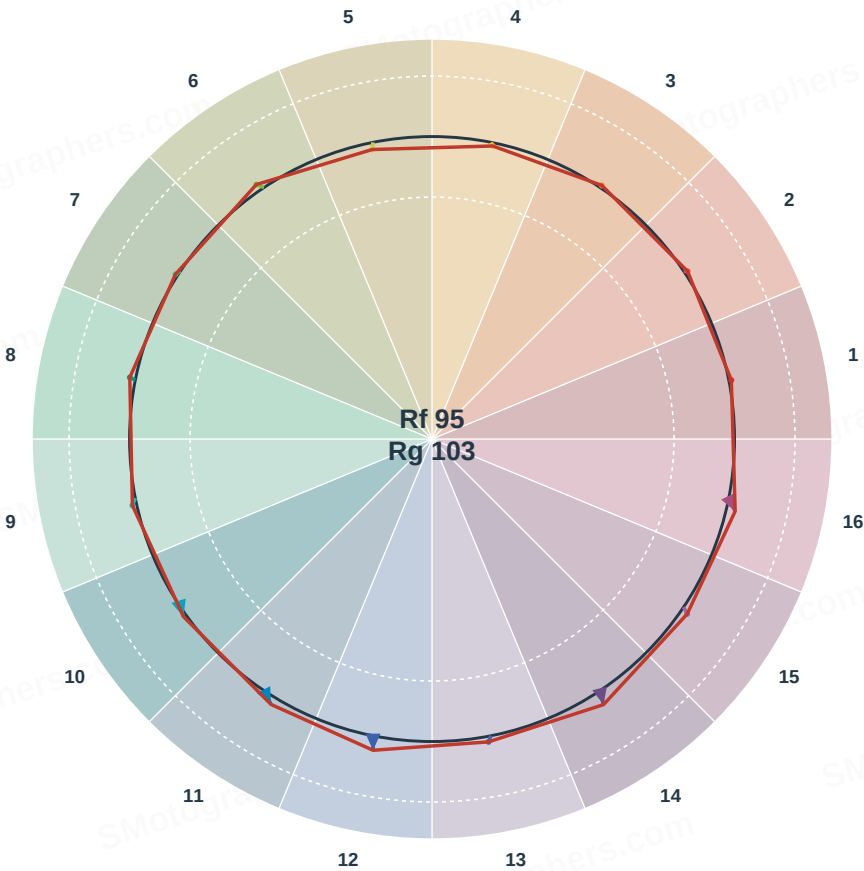
TLCI (INFO)

98

MEASUREMENT

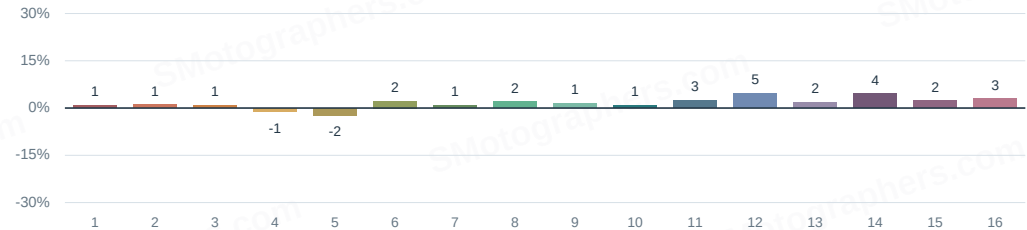
100 %

Color Vector Graphic

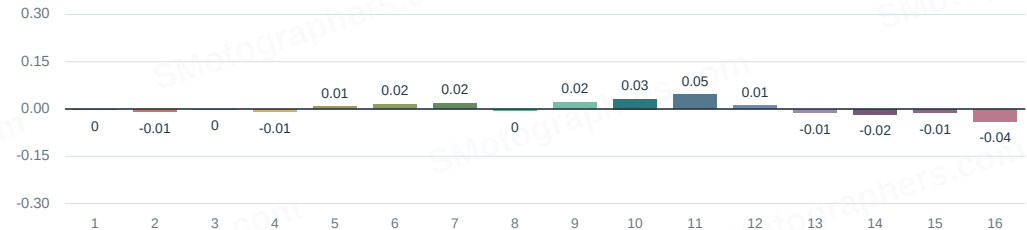


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

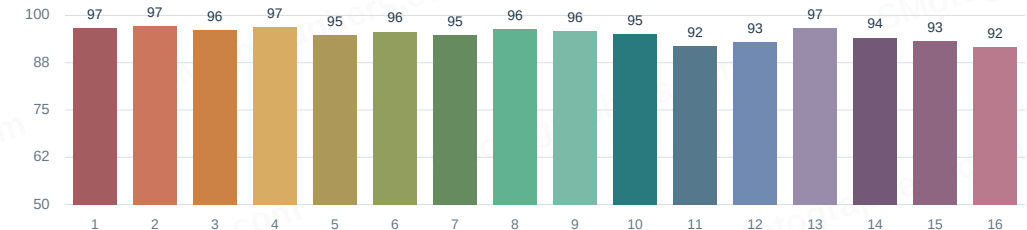
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

95

TM-30 RG

103

SSI [P3345]

82

CCT (TM-30)

3334 K

DUV

-0.0025

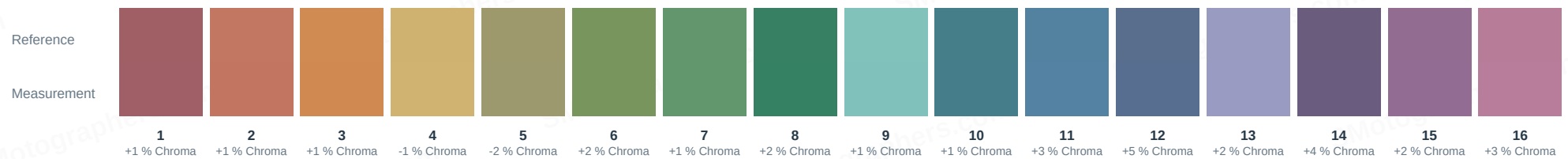
TLCI (INFO)

98

MEASUREMENT

100 %

Hue bins 1-16: average per bin



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

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

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

Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

95

TM-30 RG

103

SSI [P3345]

82

CCT (TM-30)

3334 K

DUV

-0.0025

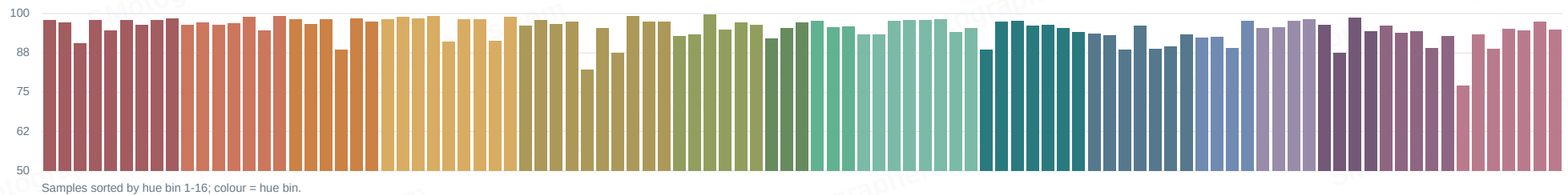
TLCI (INFO)

98

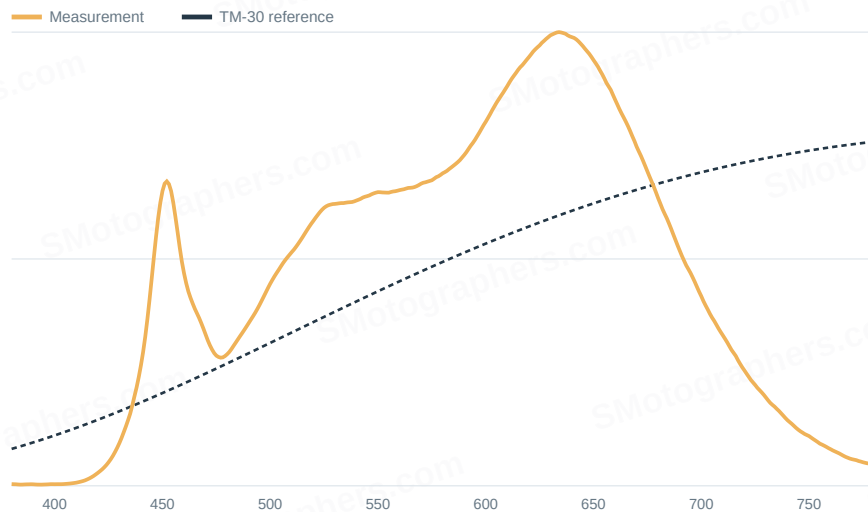
MEASUREMENT

100 %

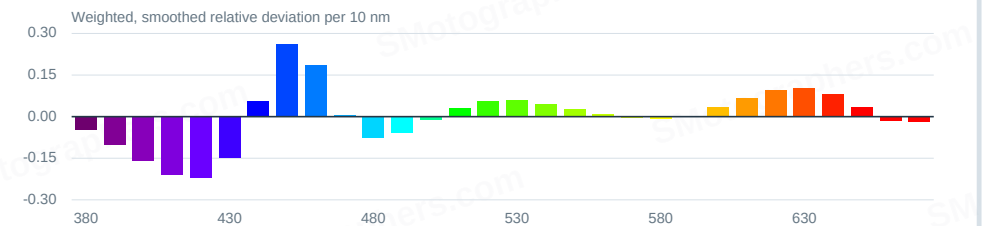
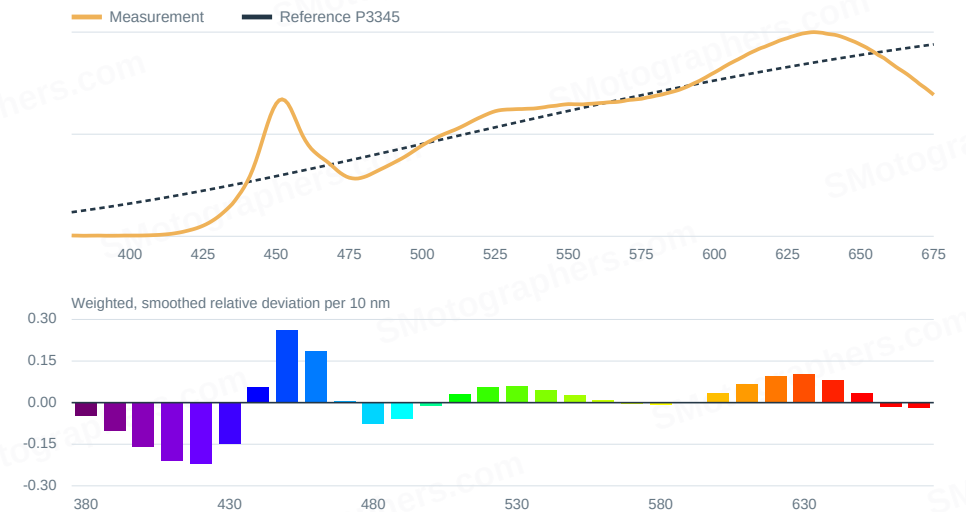
Fidelity per colour sample Rf,CES1-99



Spectrum vs. TM-30 reference (equal area)



Academy SSI [P3345]



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

Zhiyun Molus x100RGB

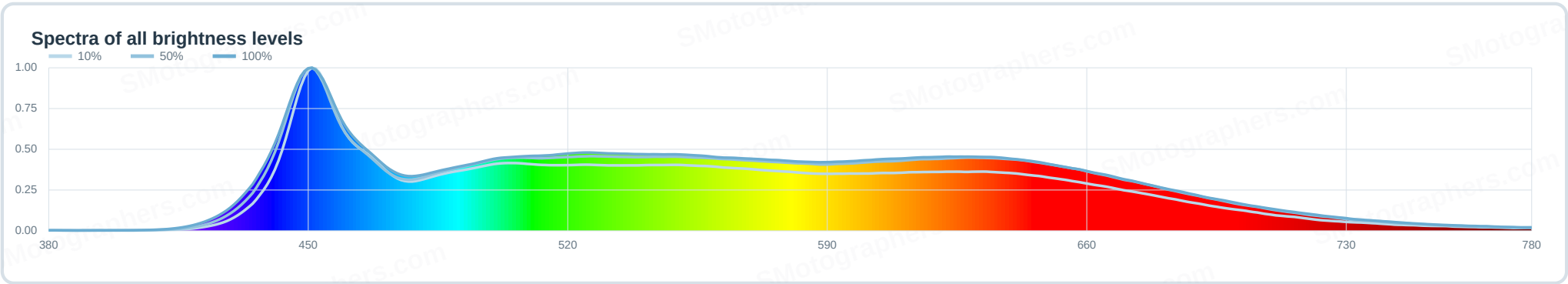
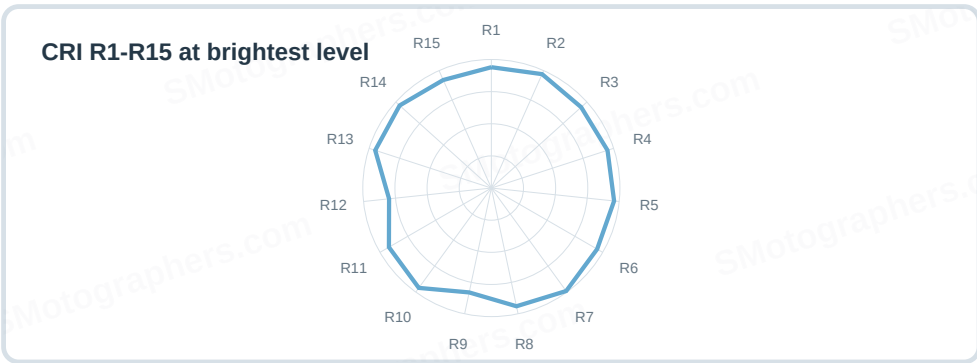
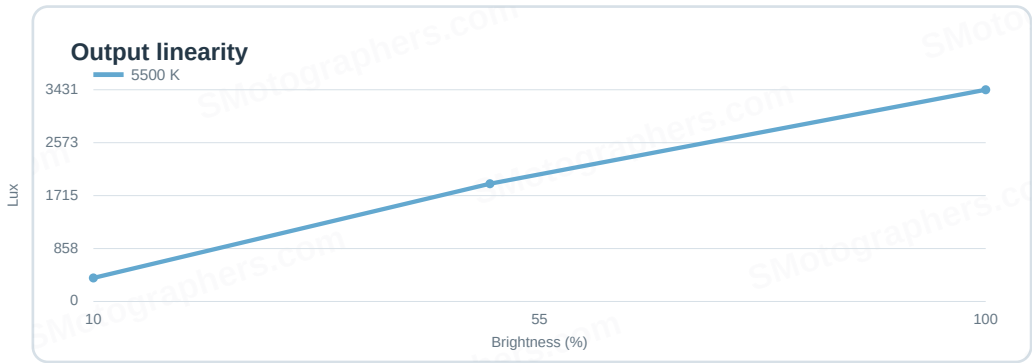
White light detail | Target CCT 5500 K

LED EVALUATOR

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	381	6519 K	-0.00057	4.57	96.8	89.0	452 nm
50%	1908	5858 K	-0.00319	7.18	95.8	83.0	451 nm
100%	3431	6013 K	-0.00368	8.66	95.6	83.0	451 nm

Colour metric	Value
SSI	71
TM-30 Rf	93
TM-30 Rg	103
TLCI (Info)	99
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	513 K
Mired deviation	15.51
Source	OHS-132614.csv



Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

93

TM-30 RG

103

SSI [D6008]

71

CCT (TM-30)

6008 K

DUV

-0.0036

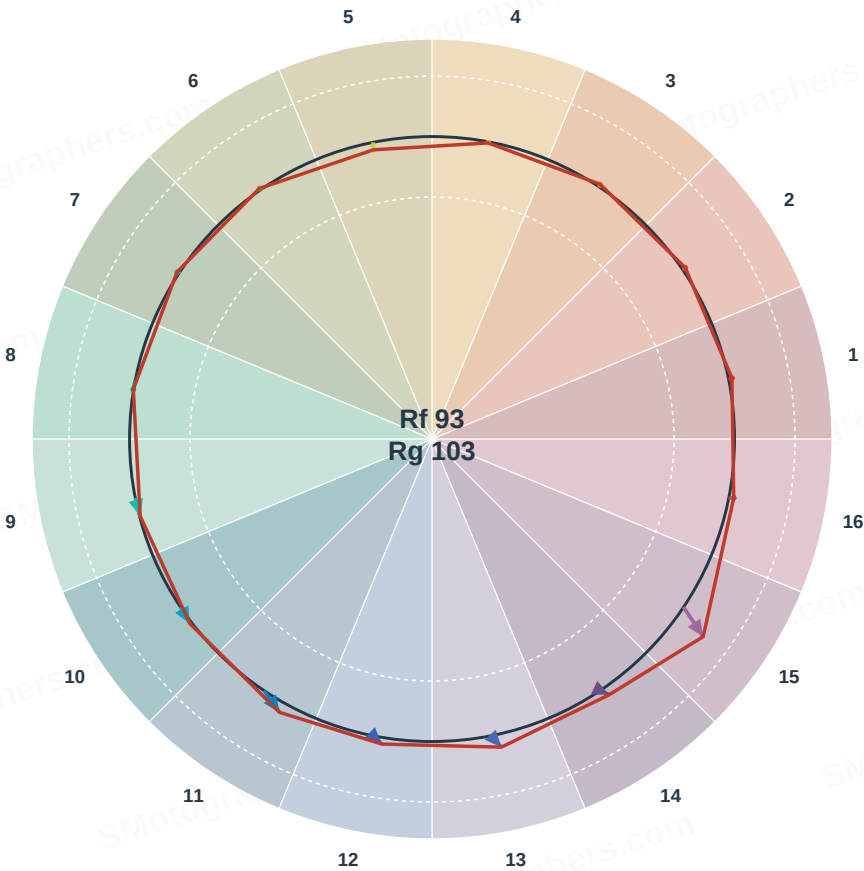
TLCI (INFO)

99

MEASUREMENT

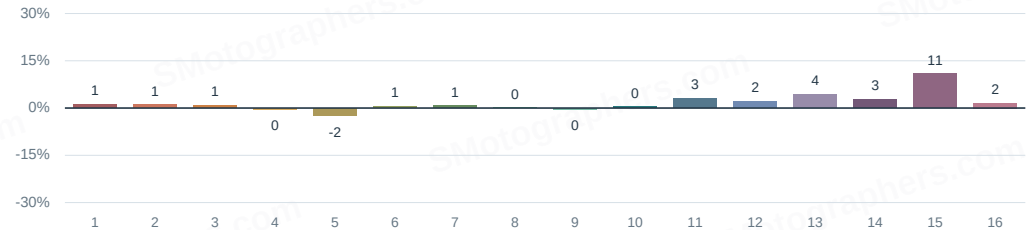
100 %

Color Vector Graphic

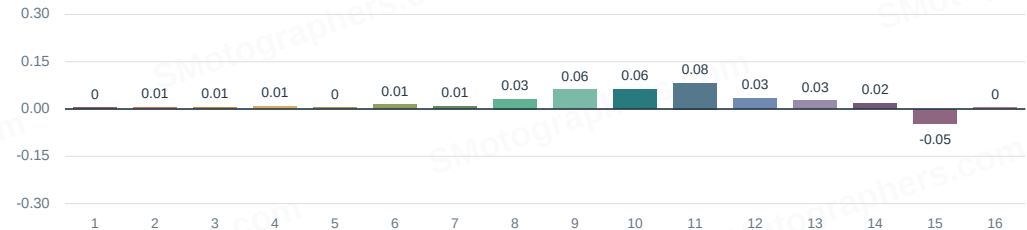


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

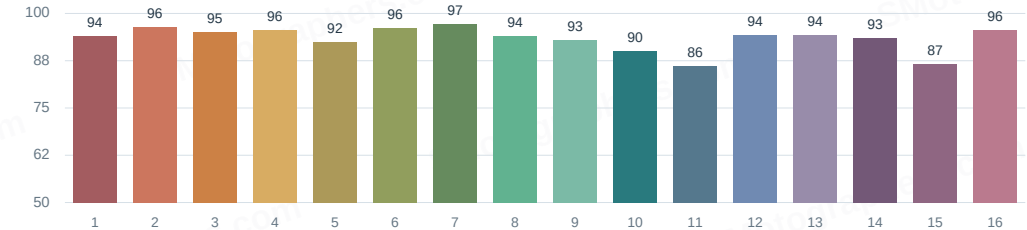
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

93

TM-30 RG

103

SSI [D6008]

71

CCT (TM-30)

6008 K

DUV

-0.0036

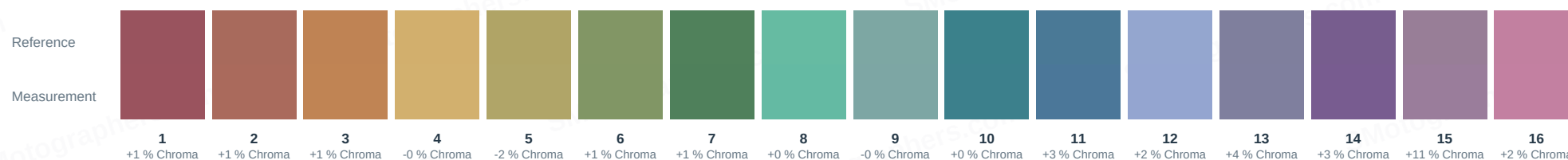
TLCI (INFO)

99

MEASUREMENT

100 %

Hue bins 1-16: average per bin



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

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

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

Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

93

TM-30 RG

103

SSI [D6008]

71

CCT (TM-30)

6008 K

DUV

-0.0036

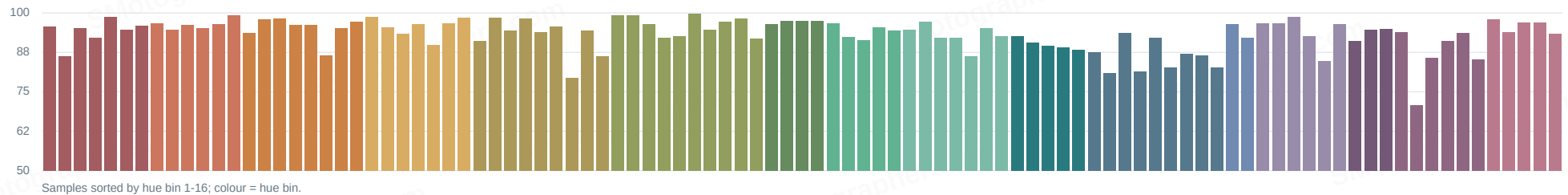
TLCI (INFO)

99

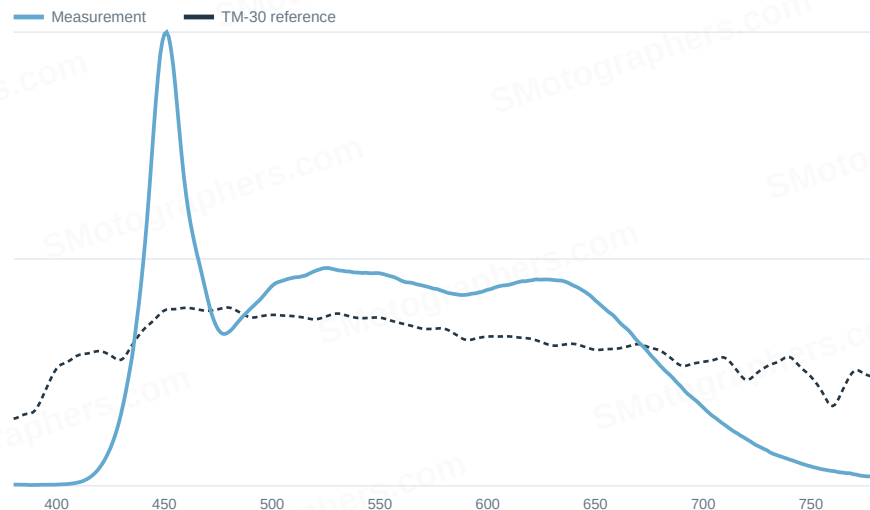
MEASUREMENT

100 %

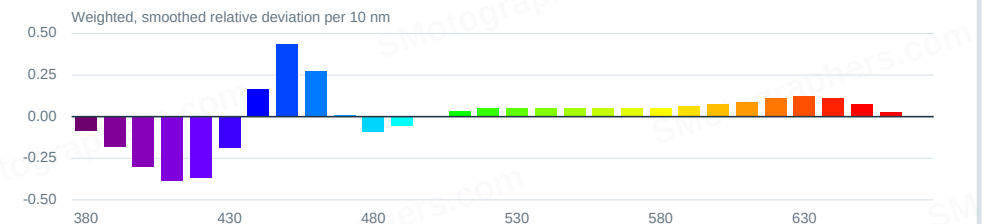
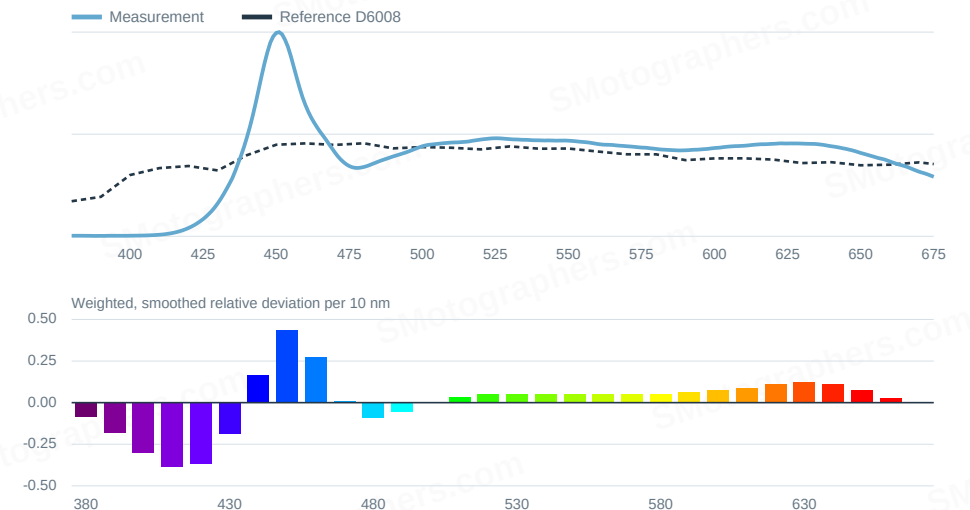
Fidelity per colour sample Rf,CES1-99



Spectrum vs. TM-30 reference (equal area)



Academy SSI [D6008]



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

Zhiyun Molus x100RGB

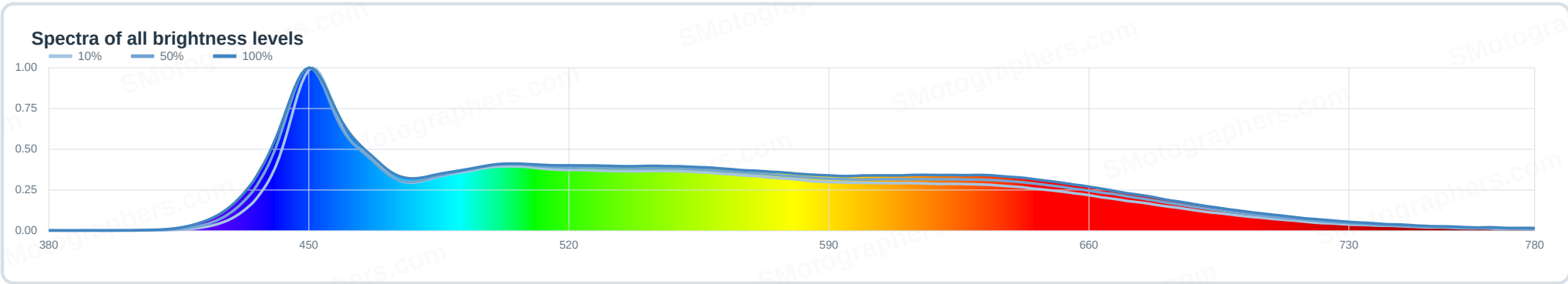
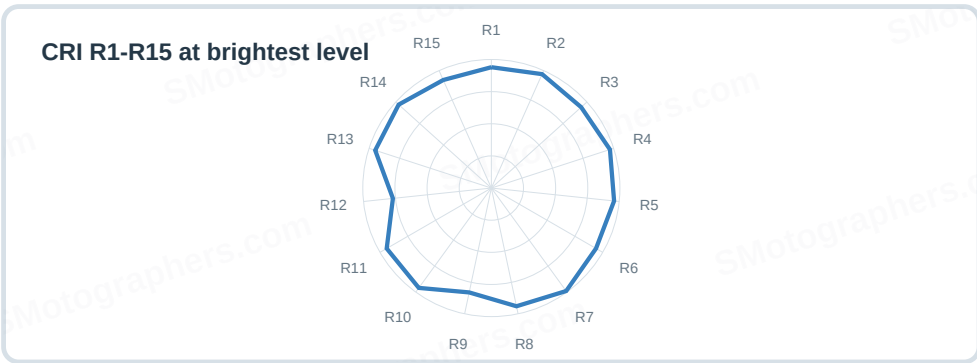
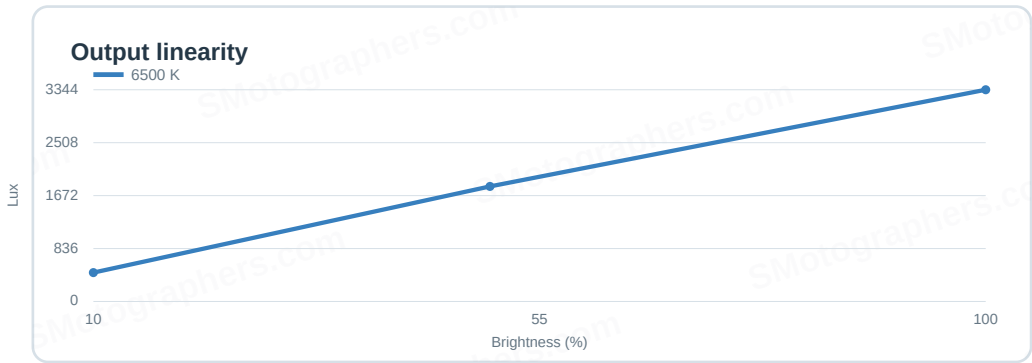
White light detail | Target CCT 6500 K

LED EVALUATOR

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	456	7833 K	0.00231	11.94	96.2	97.0	451 nm
50%	1817	7592 K	-0.00080	10.76	97.2	93.0	450 nm
100%	3344	7533 K	-0.00365	12.10	95.7	83.0	451 nm

Colour metric	Value
SSI	67
TM-30 Rf	92
TM-30 Rg	102
TLCI (Info)	98
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	1033 K
Mired deviation	21.10
Source	OHS-132646.csv



Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

92

TM-30 RG

102

SSI [D7501]

67

CCT (TM-30)

7514 K

DUV

-0.0036

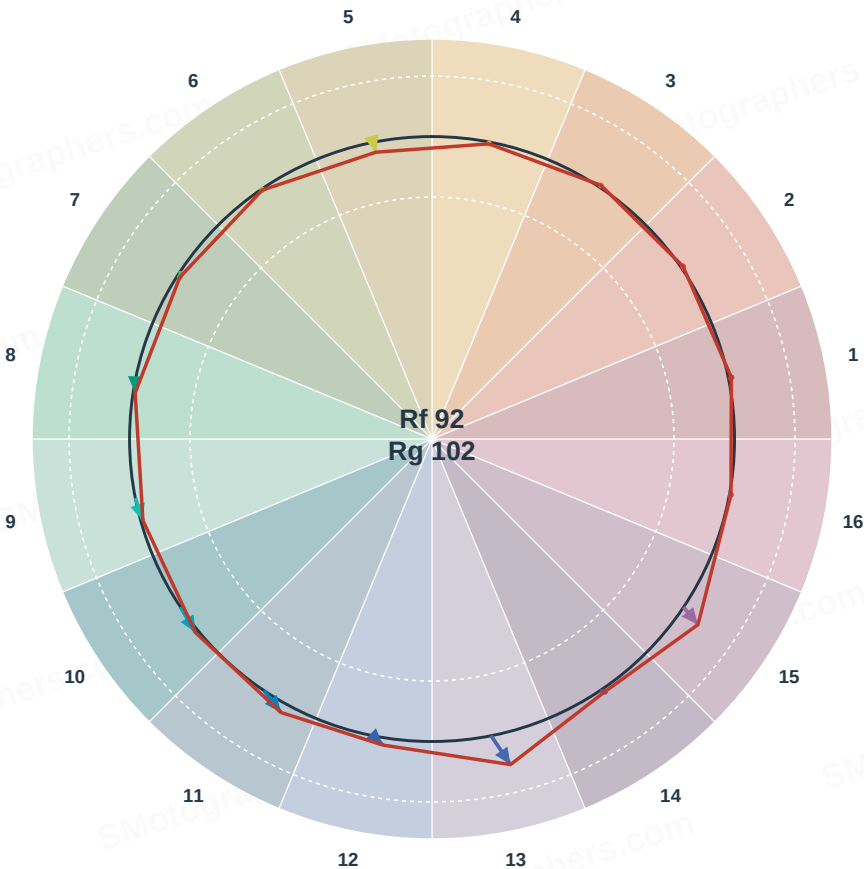
TLCI (INFO)

98

MEASUREMENT

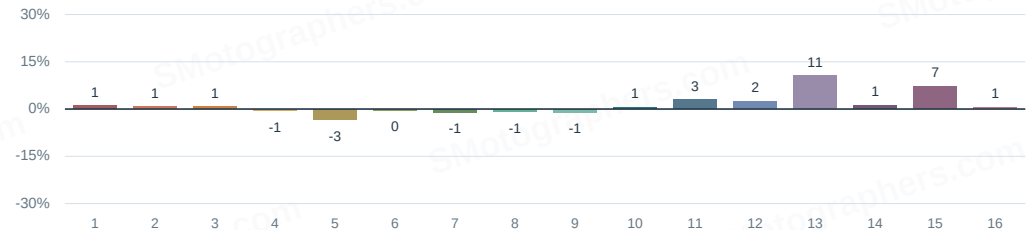
100 %

Color Vector Graphic

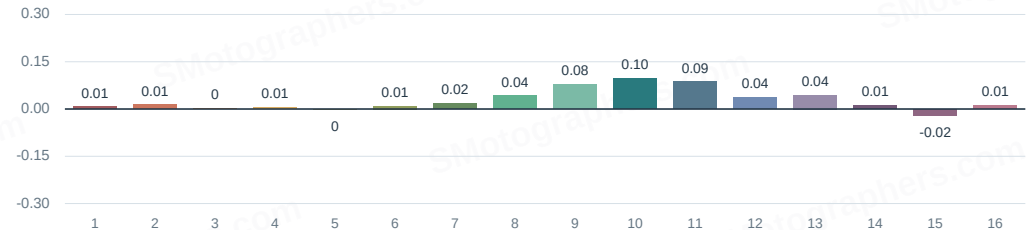


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

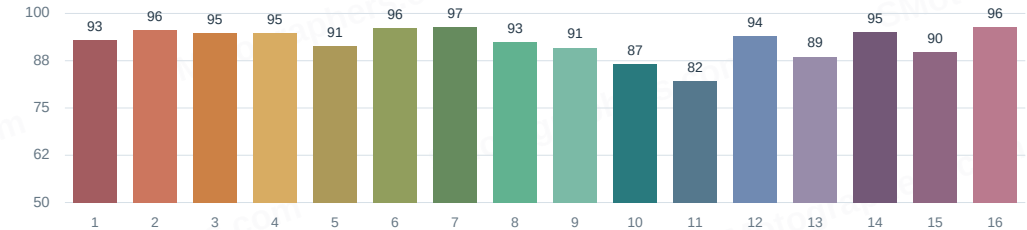
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

92

TM-30 RG

102

SSI [D7501]

67

CCT (TM-30)

7514 K

DUV

-0.0036

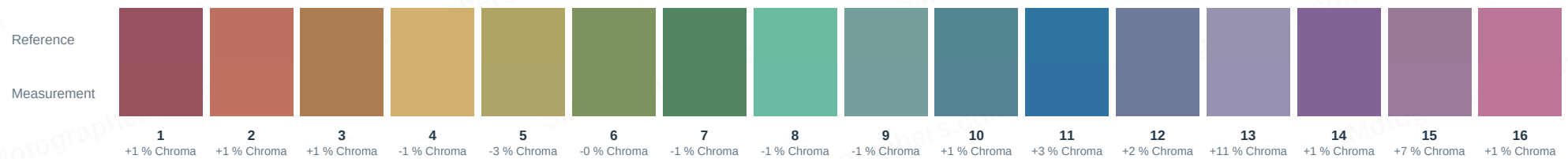
TLCI (INFO)

98

MEASUREMENT

100 %

Hue bins 1-16: average per bin



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

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

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

Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

92

TM-30 RG

102

SSI [D7501]

67

CCT (TM-30)

7514 K

DUV

-0.0036

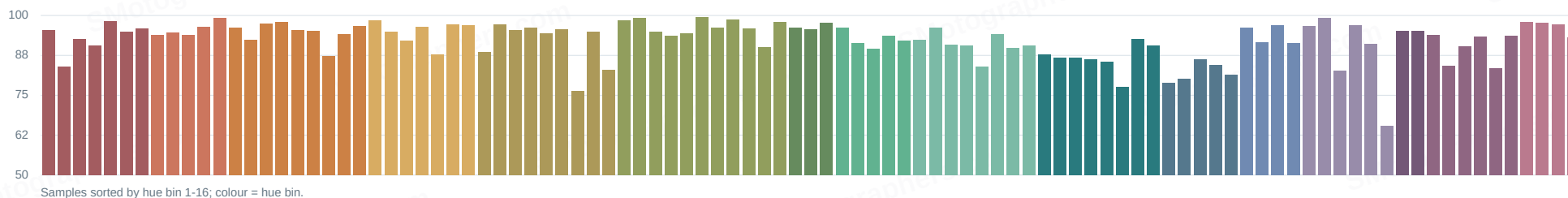
TLCI (INFO)

98

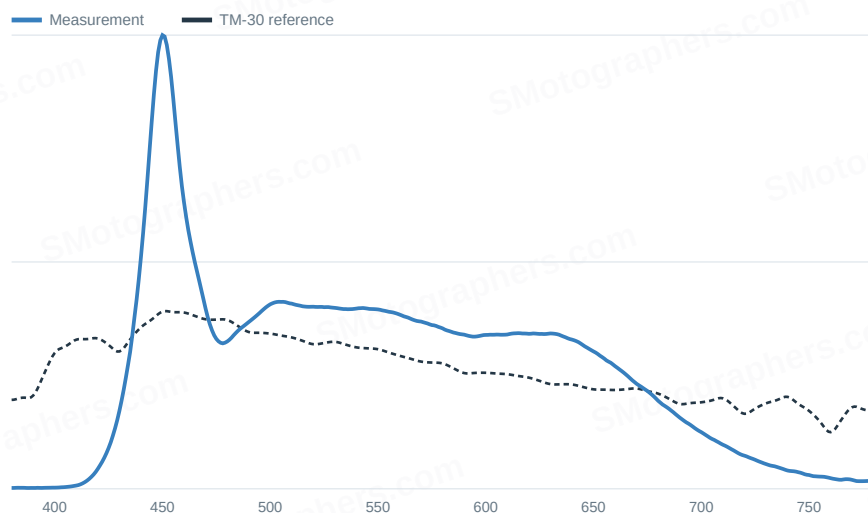
MEASUREMENT

100 %

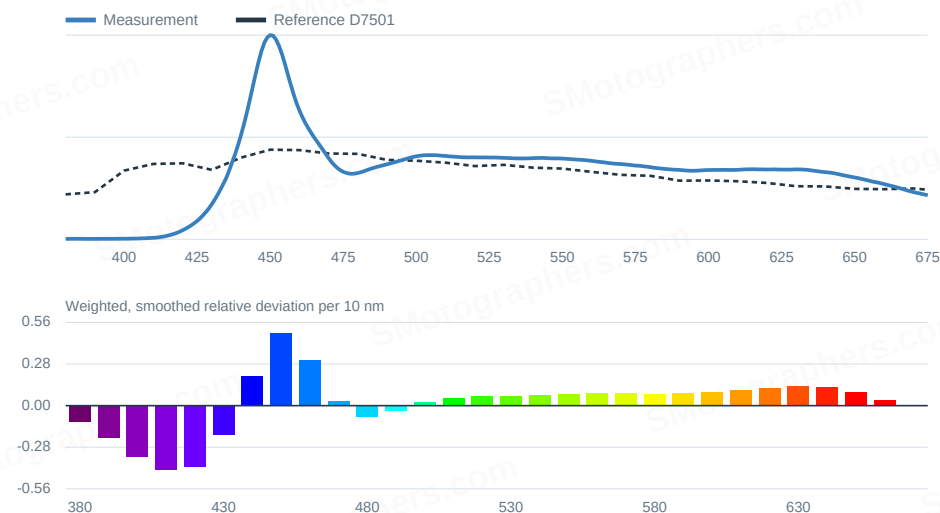
Fidelity per colour sample Rf,CES1-99



Spectrum vs. TM-30 reference (equal area)



Academy SSI [D7501]



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

Zhiyun Molus x100RGB

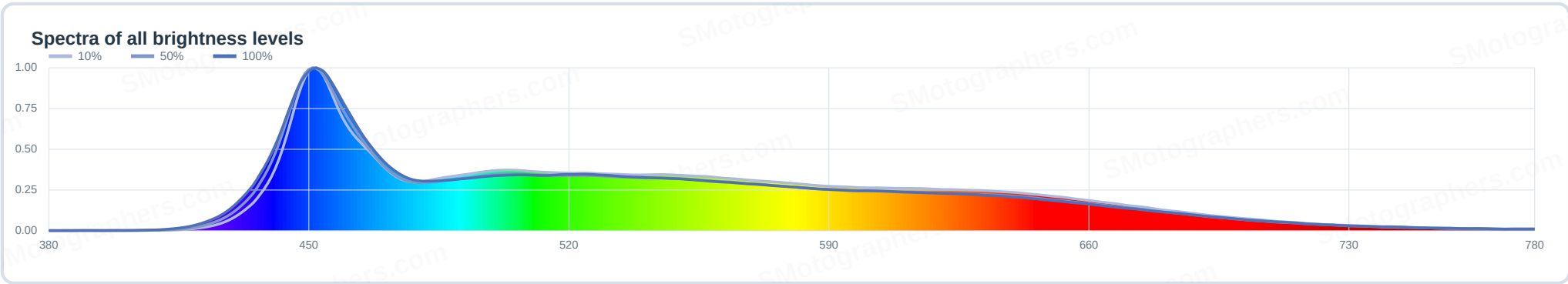
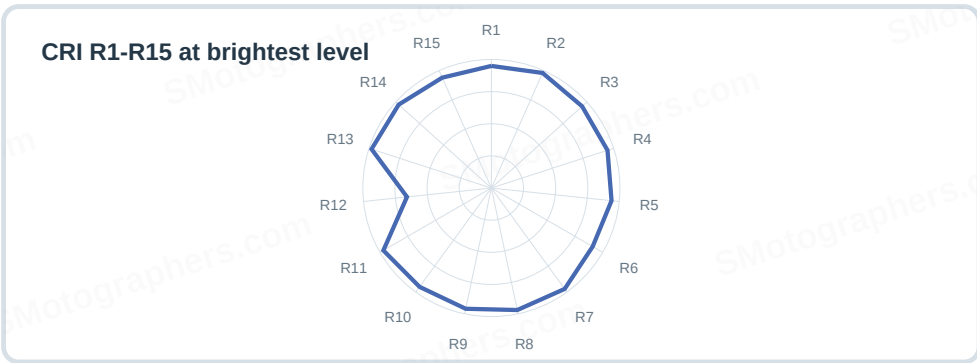
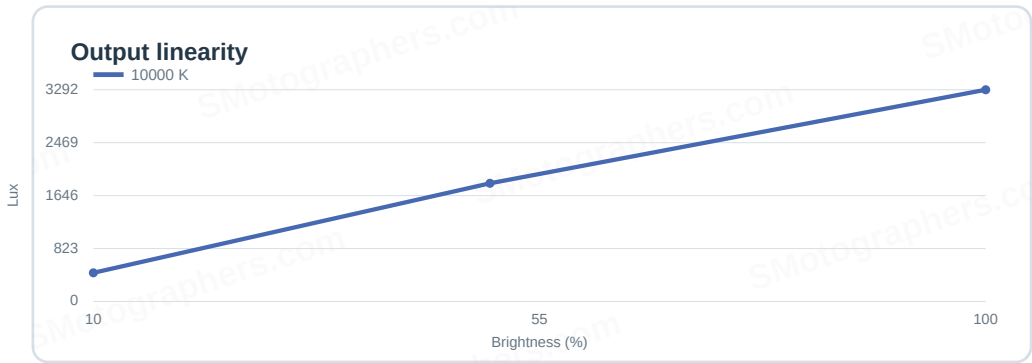
White light detail | Target CCT 10000 K

LED EVALUATOR

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	446	8977 K	0.00263	19.22	95.4	93.0	452 nm
50%	1837	11025 K	-0.00026	27.50	95.3	96.0	451 nm
100%	3292	12293 K	-0.00107	31.02	95.1	96.0	452 nm

Colour metric	Value
SSI	59
TM-30 Rf	89
TM-30 Rg	98
TLCI (Info)	95
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	2293 K
Mired deviation	18.65
Source	OHS-132716.csv



Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

89

TM-30 RG

98

SSI [D11858]

59

CCT (TM-30)

12259 K

DUV

-0.0012

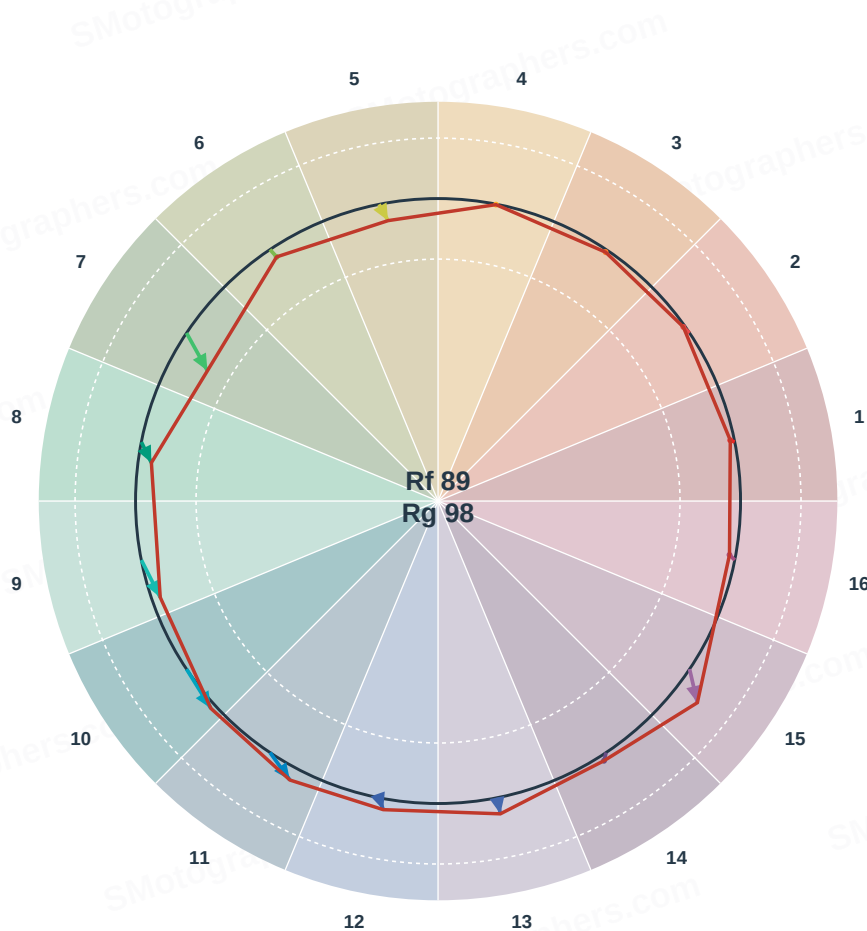
TLCI (INFO)

95

MEASUREMENT

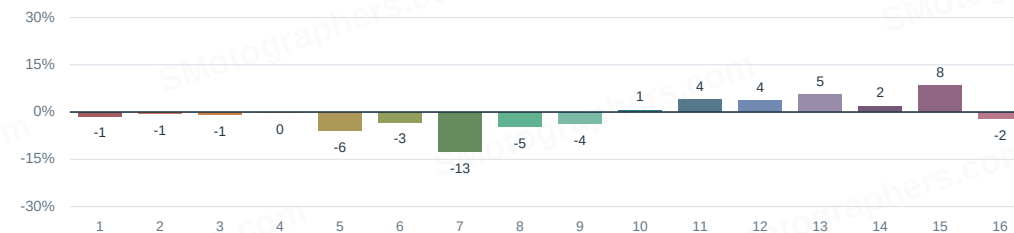
100 %

Color Vector Graphic

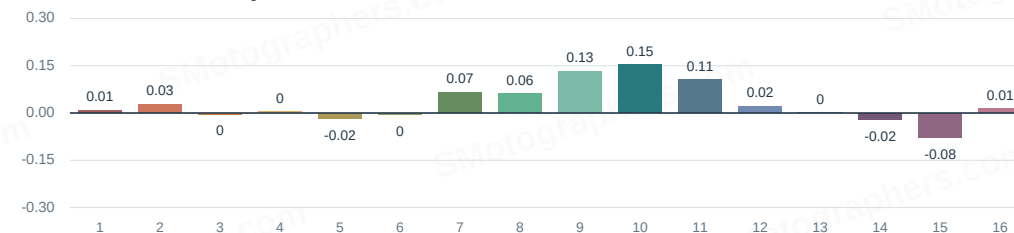


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

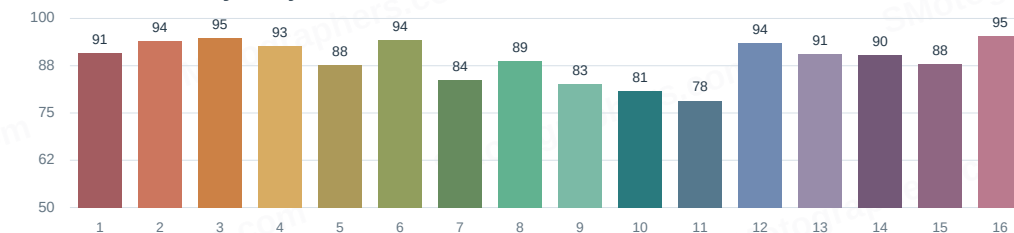
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

89

TM-30 RG

98

SSI [D11858]

59

CCT (TM-30)

12259 K

DUV

-0.0012

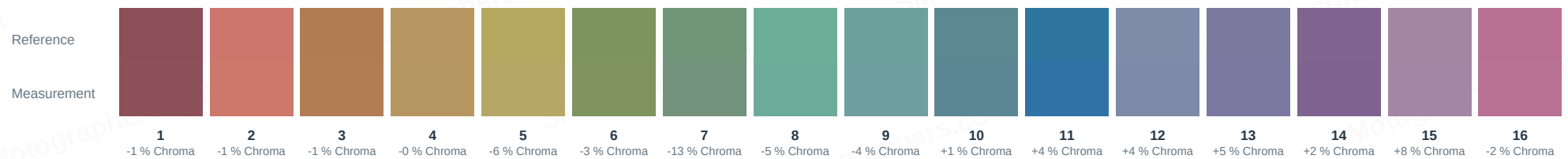
TLCI (INFO)

95

MEASUREMENT

100 %

Hue bins 1-16: average per bin



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

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

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

Zhiyun Molus x100RGB

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

LED EVALUATOR

TM-30 RF

89

TM-30 RG

98

SSI [D11858]

59

CCT (TM-30)

12259 K

DUV

-0.0012

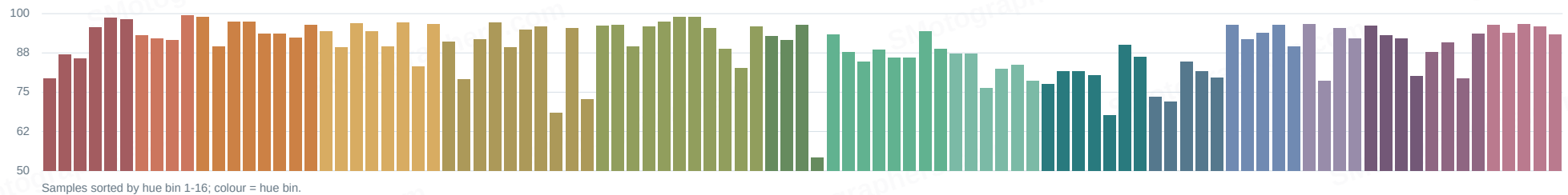
TLCI (INFO)

95

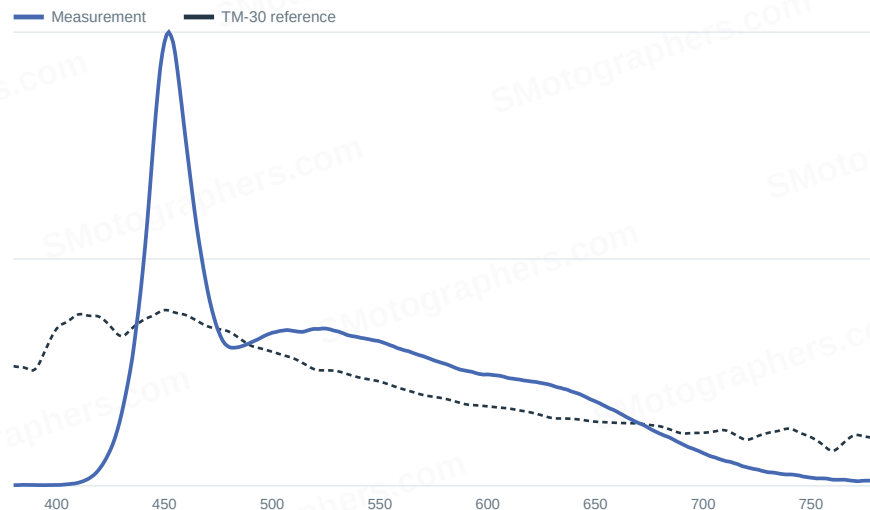
MEASUREMENT

100 %

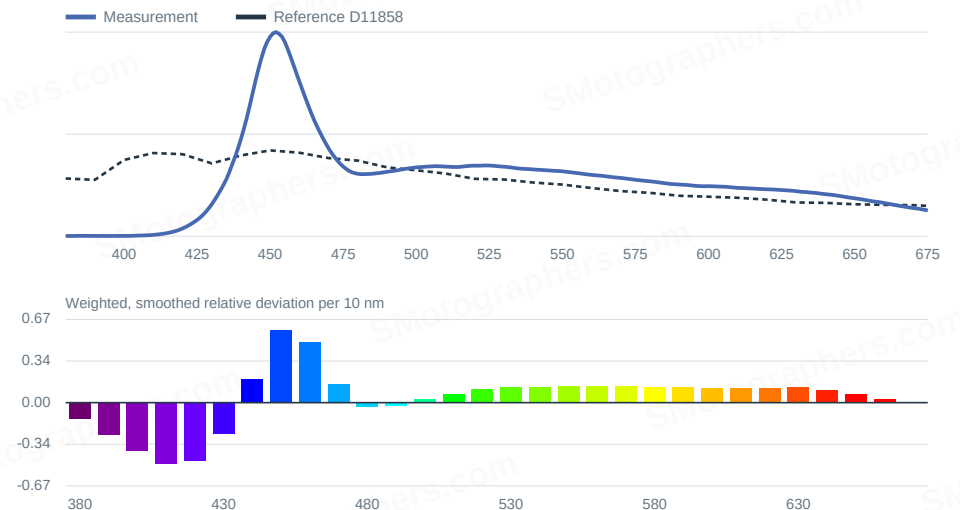
Fidelity per colour sample Rf,CES1-99



Spectrum vs. TM-30 reference (equal area)



Academy SSI [D11858]



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

Zhiyun Molus x100RGB

RGB detail | Red | 0 deg

LED EVALUATOR

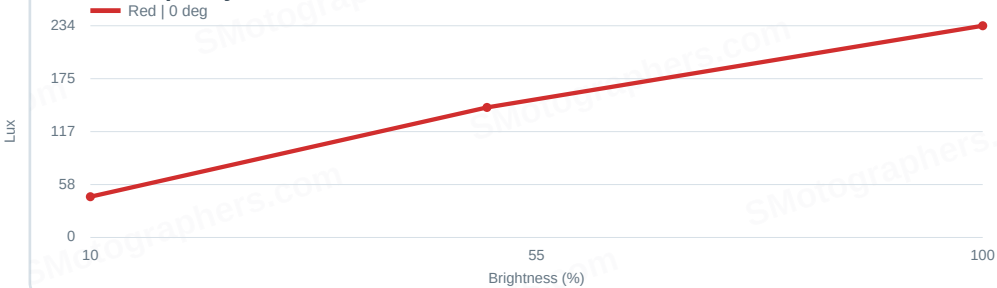


Red | 0 deg

Hue: 0.0 deg | Saturation:

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	45	1000	-0.02447	620 nm	91.4%	652 nm	96/3/1
50%	144	1000	-0.03015	621 nm	96.2%	650 nm	97/2/0
100%	234	1000	-0.03003	620 nm	96.7%	651 nm	97/2/0

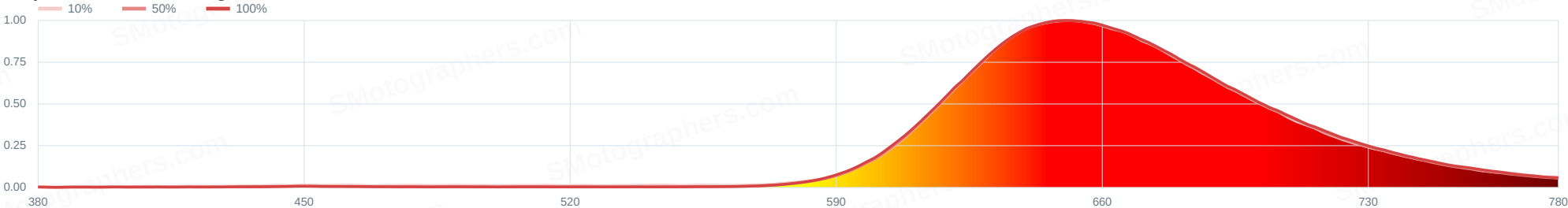
RGB output by level



Channel shares at brightest level



Spectra of all RGB brightness levels

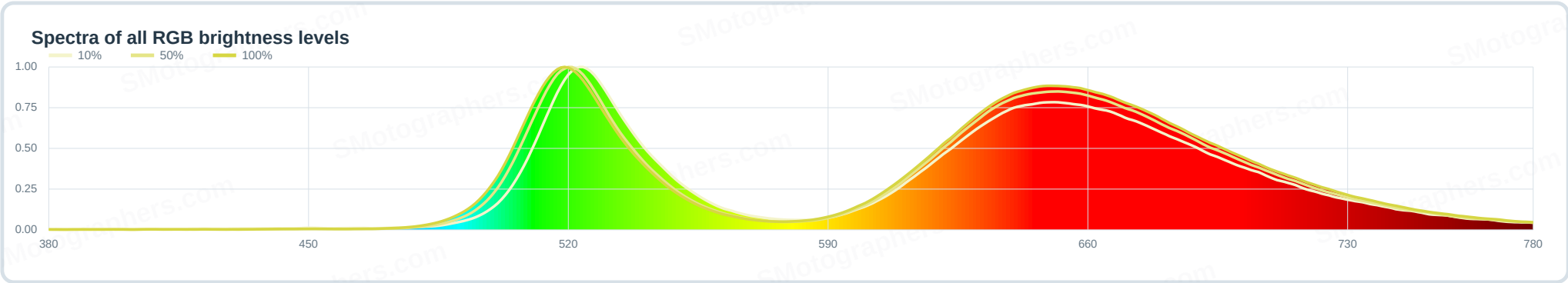
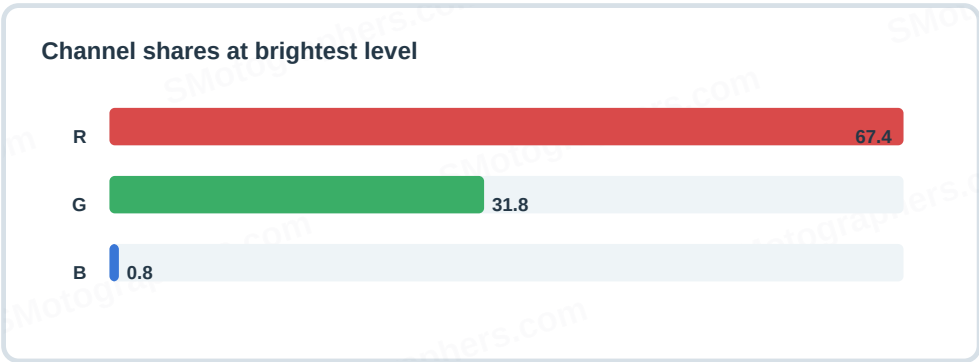
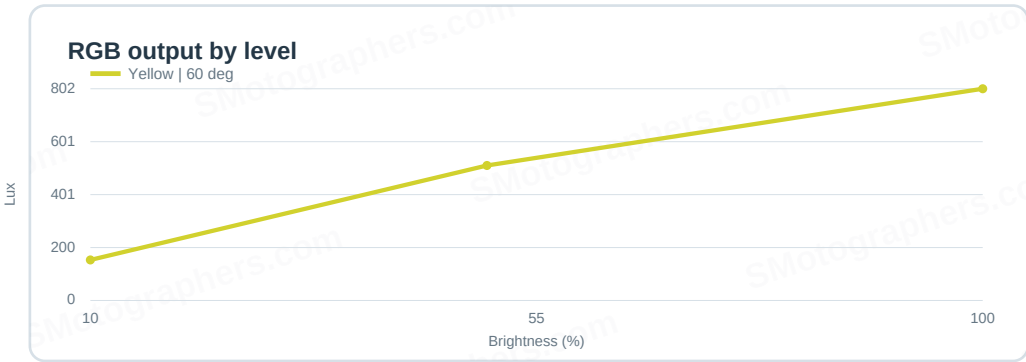


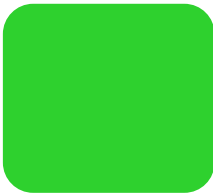


Yellow | 60 deg

Hue: 60.0 deg | Saturation: 100%

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	153	4284	0.05446	566 nm	84.7%	524 nm	65/34/1
50%	511	4114	0.04922	568 nm	83.8%	520 nm	67/32/1
100%	802	4050	0.04662	569 nm	82.3%	519 nm	67/32/1

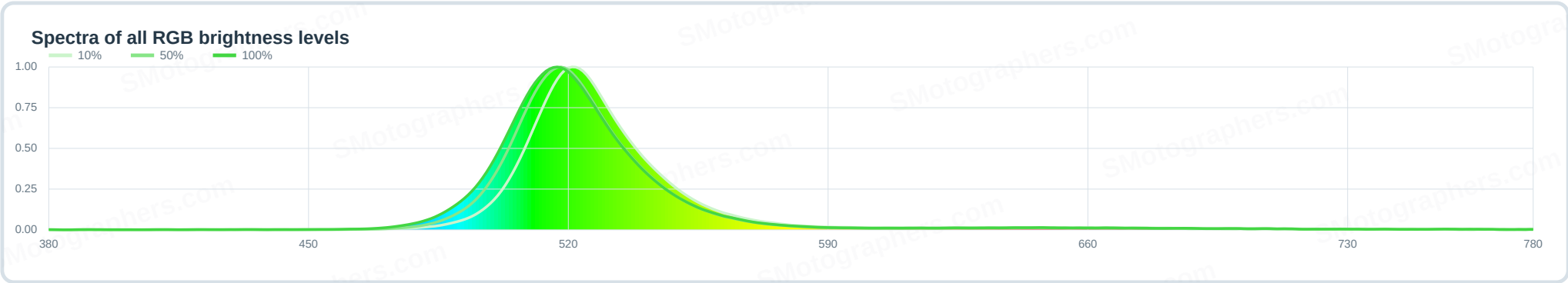
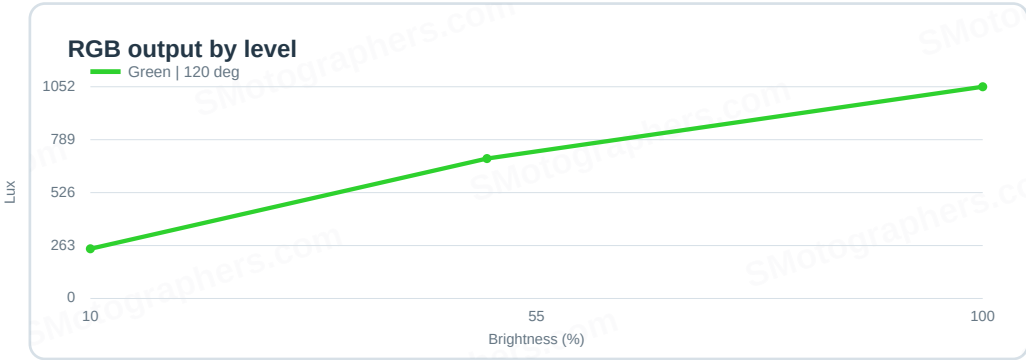




Green | 120 deg

Hue: 120.0 deg | Saturation: 100%

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	247	7603	0.15438	530 nm	83.1%	521 nm	4/94/2
50%	695	8123	0.16070	525 nm	79.0%	518 nm	3/95/2
100%	1052	8322	0.16004	523 nm	75.2%	517 nm	4/93/3

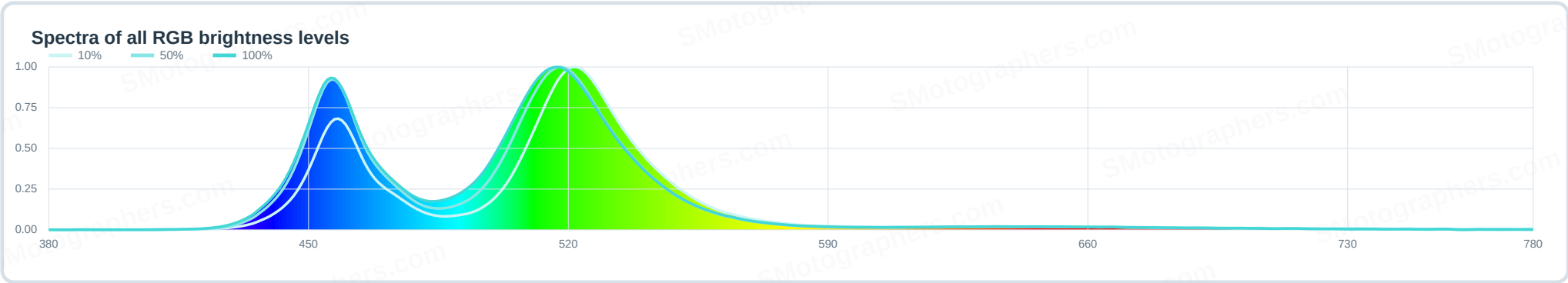
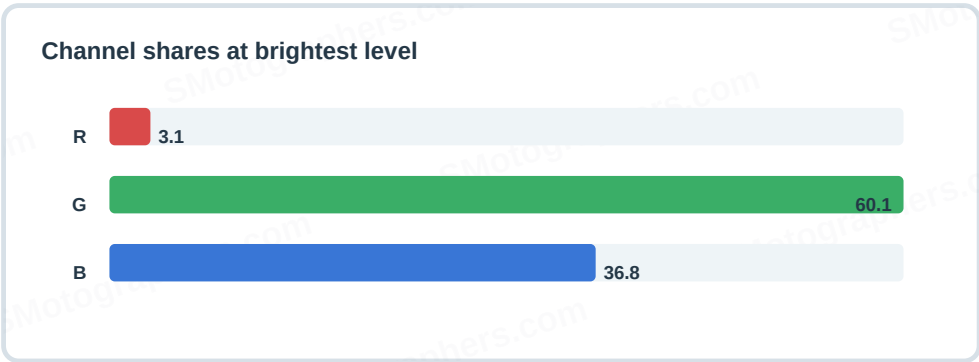
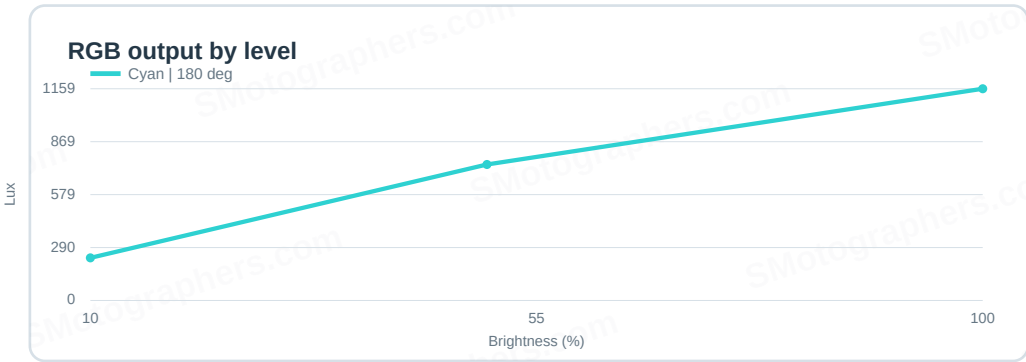




Cyan | 180 deg

Hue: 180.0 deg | Saturation: 100%

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	233	12206	0.10873	499 nm	50.6%	522 nm	4/67/29
50%	744	21485	0.09904	493 nm	59.0%	518 nm	3/60/36
100%	1159	23811	0.09785	493 nm	59.8%	517 nm	3/60/37



Zhiyun Molus x100RGB

RGB detail | Blue | 240 deg

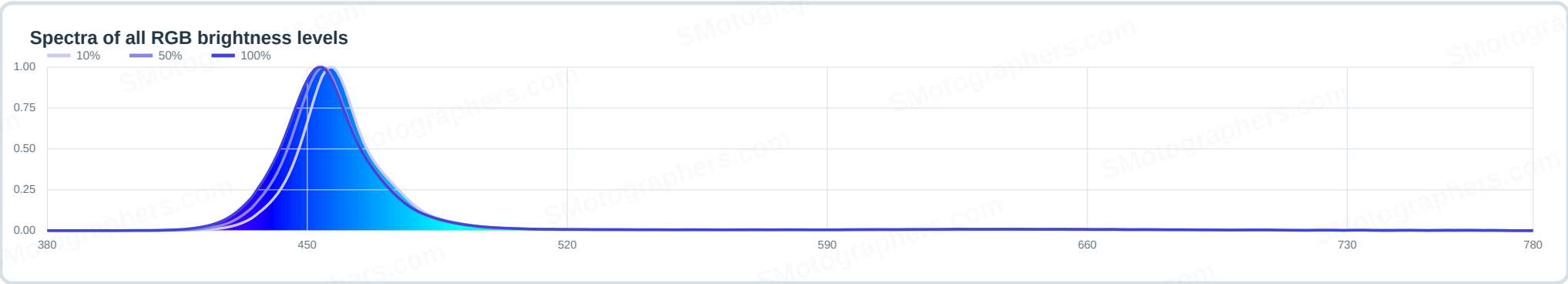
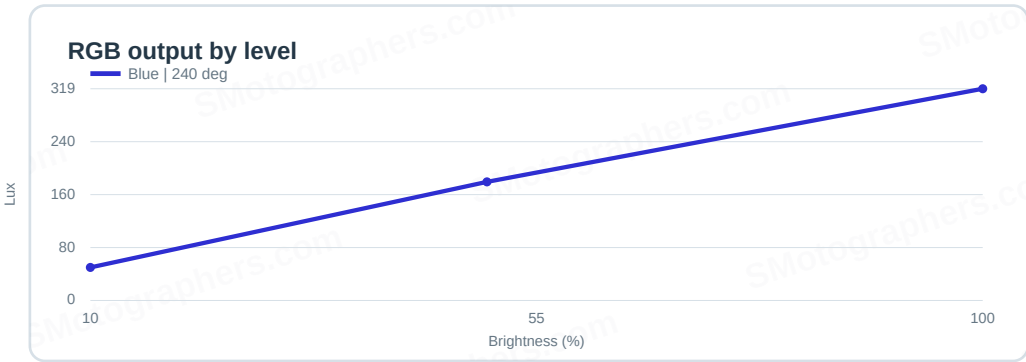
LED EVALUATOR



Blue | 240 deg

Hue: 240.0 deg | Saturation: 100%

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	50	100000	-0.05235	460 nm	94.8%	456 nm	3/4/93
50%	179	100000	-0.06022	458 nm	95.4%	454 nm	3/4/93
100%	319	100000	-0.06307	457 nm	95.1%	454 nm	3/4/93

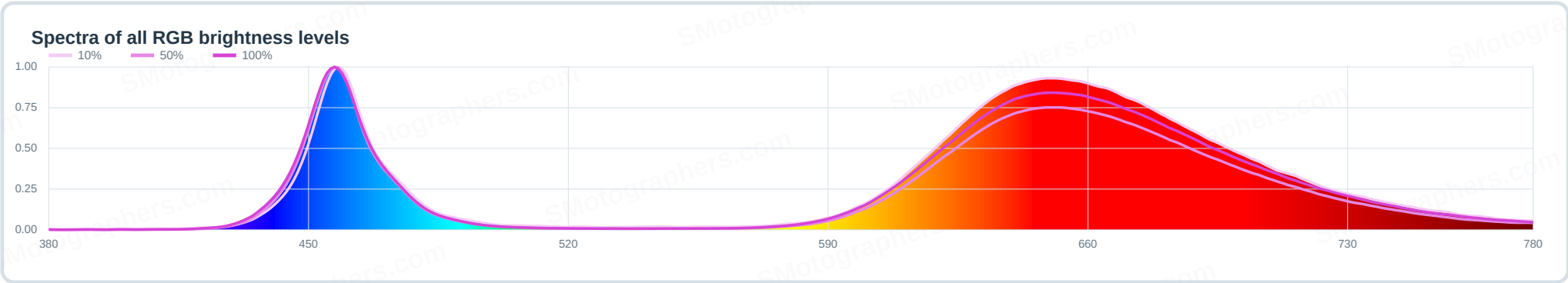
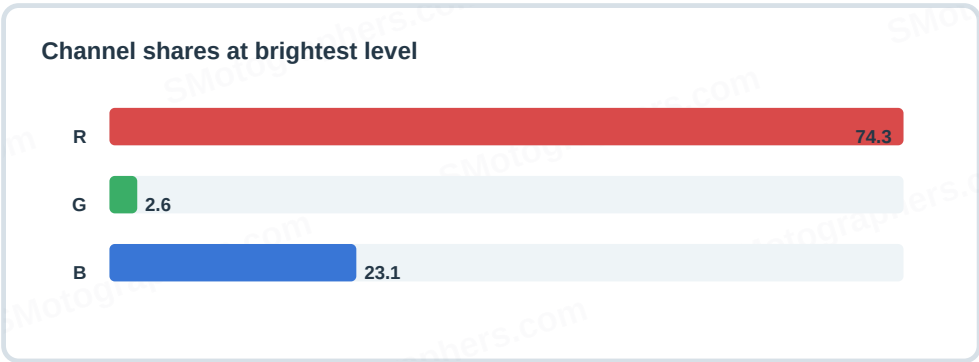
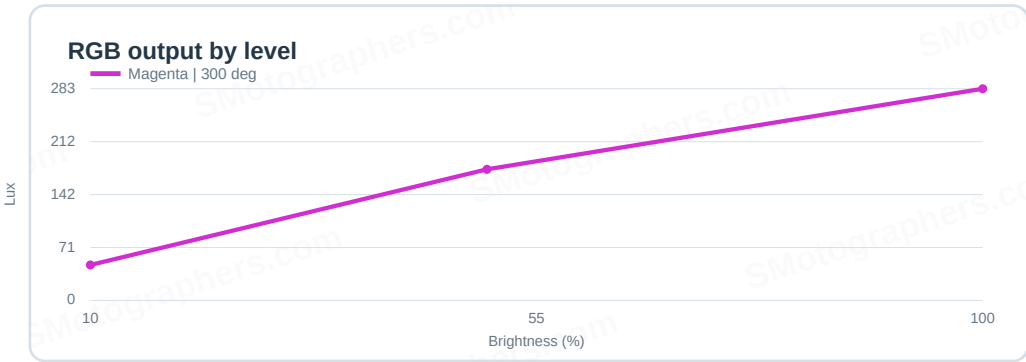




Magenta | 300 deg

Hue: 300.0 deg | Saturation: 100%

Level	Lux	CCT	Duv	Dominant	Purity	Peak	RGB ratio
10%	48	1437	-0.11955	533 nm	35.2%	458 nm	76/3/21
50%	175	1515	-0.14119	547 nm	49.0%	457 nm	73/3/25
100%	283	1444	-0.13453	542 nm	43.9%	457 nm	74/3/23



Reflector	Target CCT	Lux	EV	Measured CCT	Duv	Source
BDR-W55	5500 K	1378	9.11	5604 K	0.00439	OHS-134801.csv
Kit reflector	5500 K	15169	12.57	5757 K	-0.00092	OHS-134507.csv
Standard reflector	5500 K	20887	13.03	5633 K	-0.00080	OHS-134544.csv

