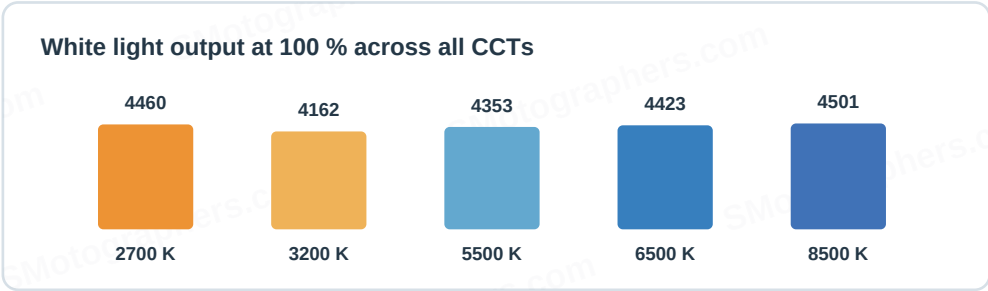


Key values at maximum brightness

For each target CCT and RGB hue the highest available brightness level is shown. EV = $\log_2(2 \times \text{lux} / 5)$.
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%	4460	10.80	2833 K	0.00048	97.1	79.0	86.0	95.0	100.0	96	OHS-150205.csv
White	3200 K	100%	4162	10.70	3327 K	-0.00498	96.9	96.0	81.0	95.0	102.0	97	OHS-150234.csv
White	5500 K	100%	4353	10.77	6245 K	-0.00526	94.9	81.0	70.0	93.0	103.0	99	OHS-150255.csv
White	6500 K	100%	4423	10.79	7465 K	-0.00270	96.3	86.0	67.0	93.0	102.0	99	OHS-150324.csv
White	8500 K	100%	4501	10.81	9373 K	0.00105	97.4	95.0	64.0	93.0	100.0	99	OHS-150358.csv



Output with all reflectors

Reflector	Target CCT	Level	Lux	EV	Measured CCT	Duv	CRI Ra	R9	Source
Standard reflector	5500 K	100%	4358	10.77	6248 K	-0.00525	94.9	81.0	OHS-150411.csv

TOTAL

67.3

COLOUR

65.4

POWER

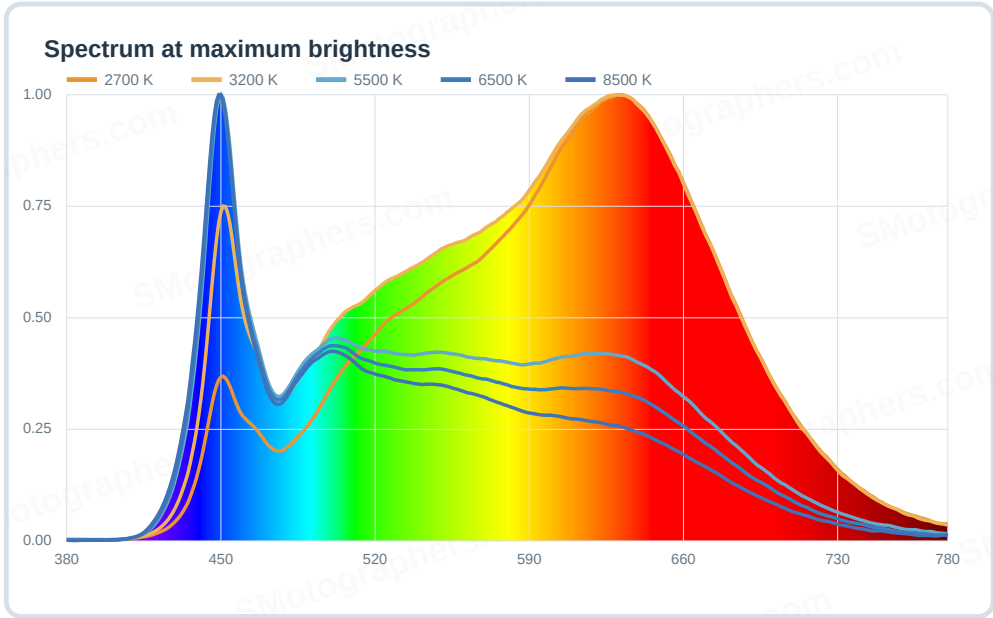
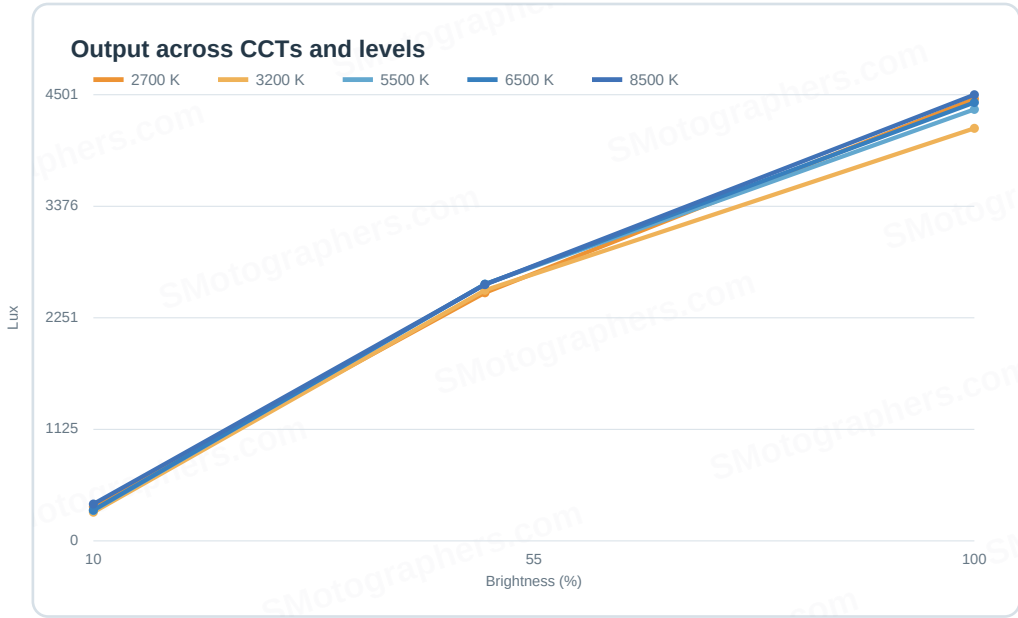
85.3

USABILITY

51.2

Luminaire	Value	Test	Value
LED type	Bi-Color	Power	40.0 W
Test date	2026-10-06	Distance	1.00 m
Modifier	Lab-Standard	Mode	Linear (current)
RGB in total	Yes	Measurements	16

Target CCT	Max Lux	Measured CCT	Duv	Ra	SSI	Rf	Rg	TLCI
2700 K	4460	2833	0.00048	97.1	86.0	95.0	100.0	96
3200 K	4162	3327	-0.00498	96.9	81.0	95.0	102.0	97
5500 K	4353	6245	-0.00526	94.9	70.0	93.0	103.0	99
6500 K	4423	7465	-0.00270	96.3	67.0	93.0	102.0	99
8500 K	4501	9373	0.00105	97.4	64.0	93.0	100.0	99



Zhiyun M40SE

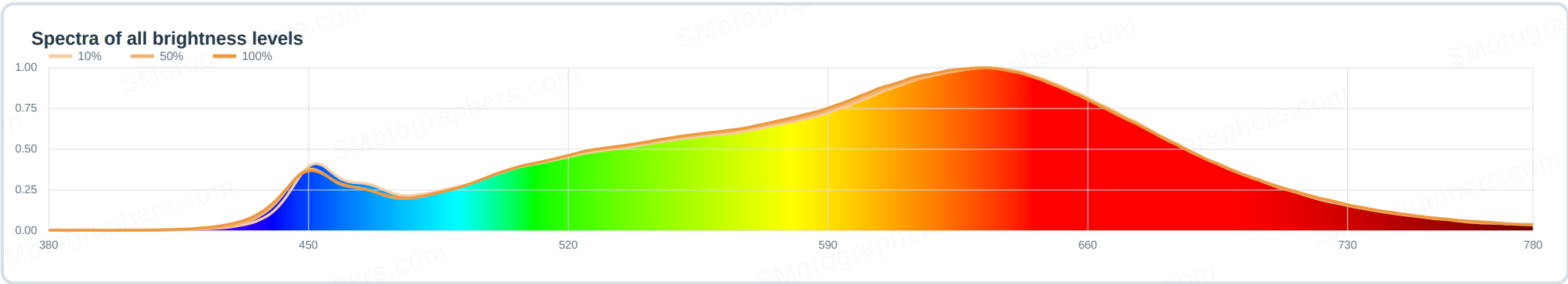
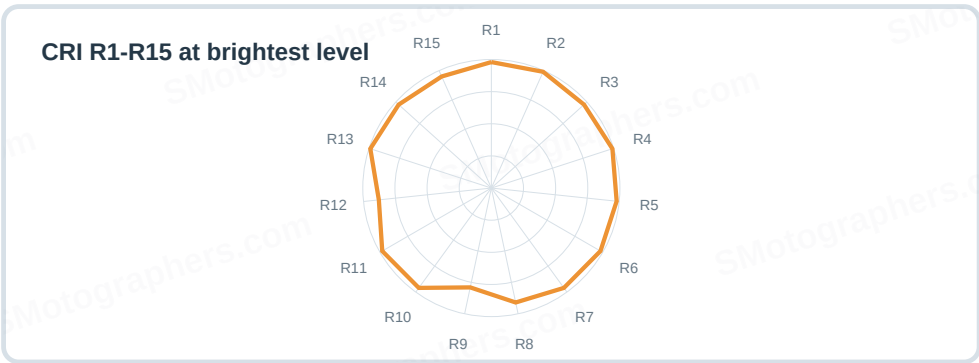
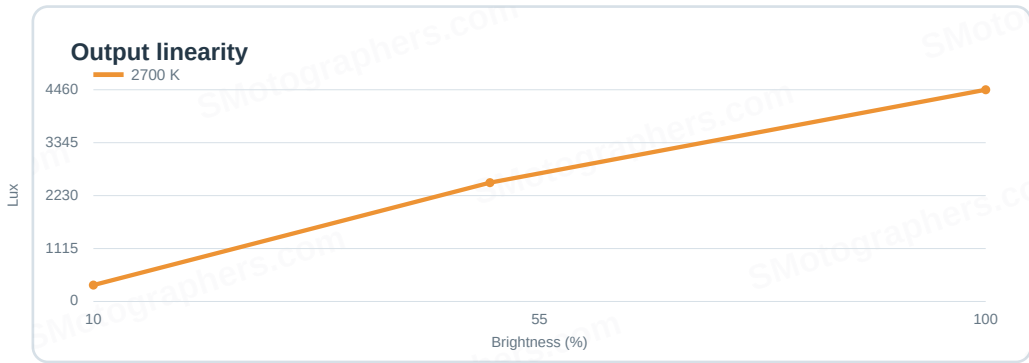
White light detail | Target CCT 2700 K

LED EVALUATOR

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	345	2830 K	-0.00038	4.65	97.7	87.0	633 nm
50%	2503	2836 K	0.00070	4.78	97.7	83.0	633 nm
100%	4460	2833 K	0.00048	4.67	97.1	79.0	630 nm

Colour metric	Value
SSI	86
TM-30 Rf	95
TM-30 Rg	100
TLCI (Info)	96
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	133 K
Mired deviation	17.39
Source	OHS-150205.csv



Zhiyun M40SE

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

LED EVALUATOR

TM-30 RF

95

TM-30 RG

100

SSI [P2834]

86

CCT (TM-30)

2833 K

DUV

0.0005

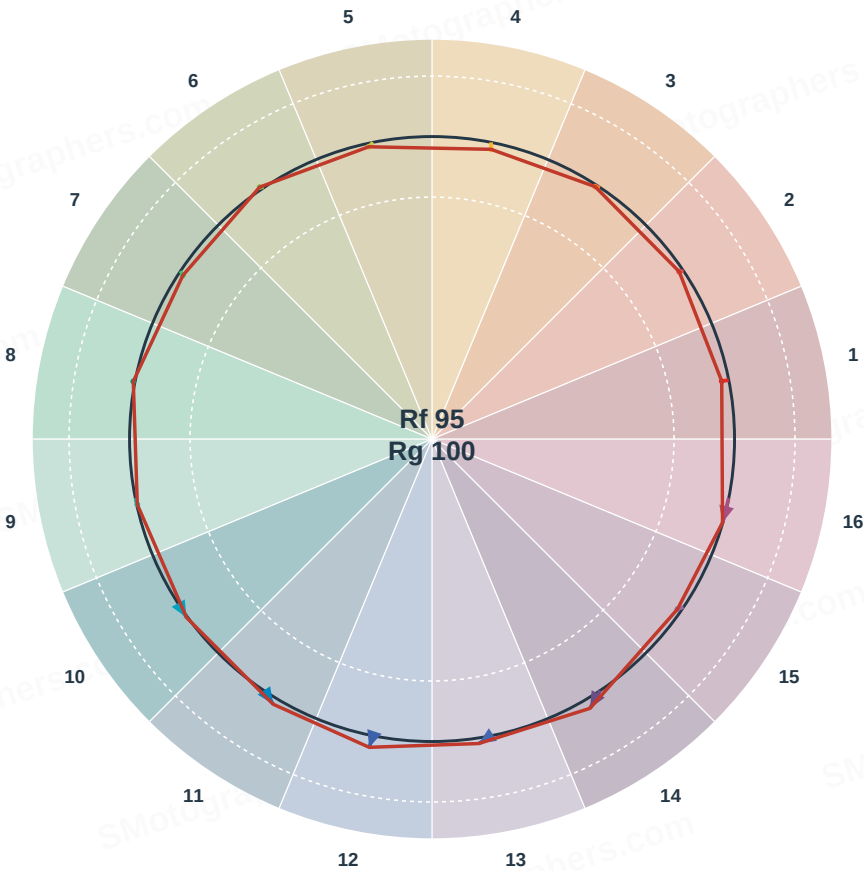
TLCI (INFO)

96

MEASUREMENT

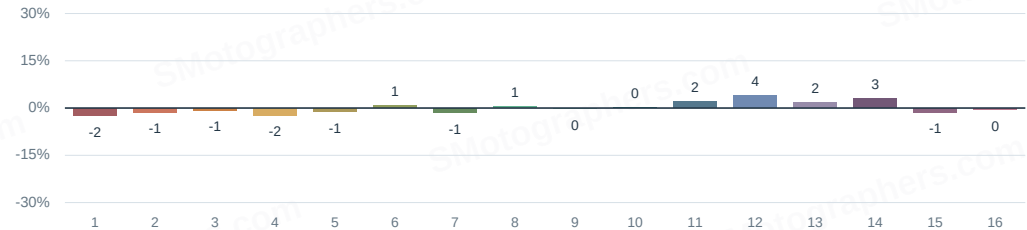
100 %

Color Vector Graphic

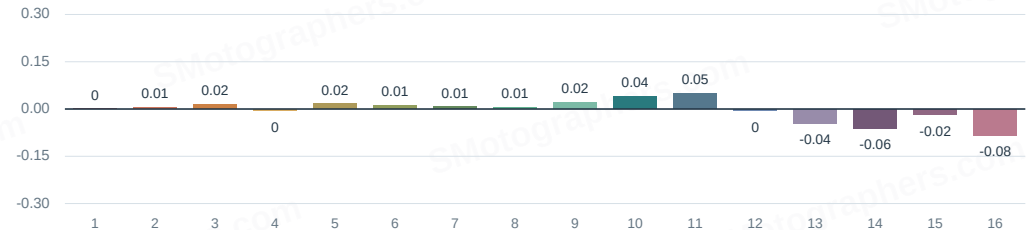


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

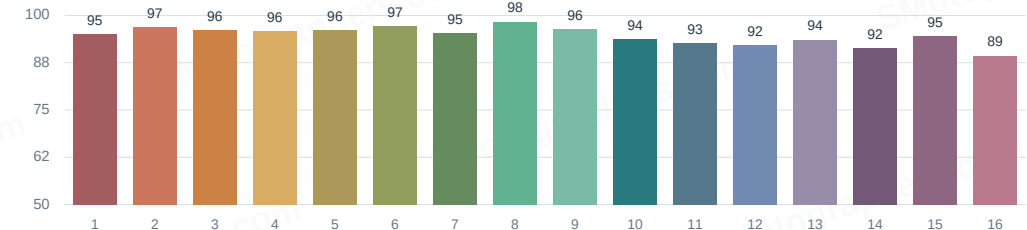
Local chroma shift Rcs,hj

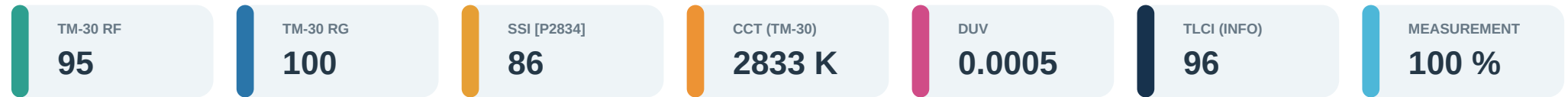


Local hue shift Rhs,hj

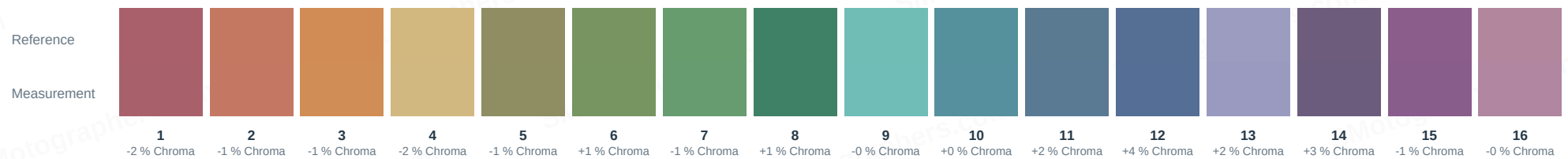


Local colour fidelity Rf,hj





Hue bins 1-16: average per bin



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

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

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

TM-30 RF

95

TM-30 RG

100

SSI [P2834]

86

CCT (TM-30)

2833 K

DUV

0.0005

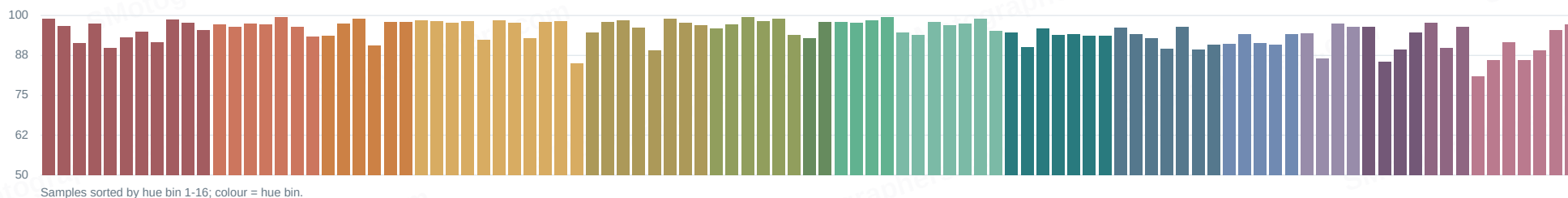
TLCI (INFO)

96

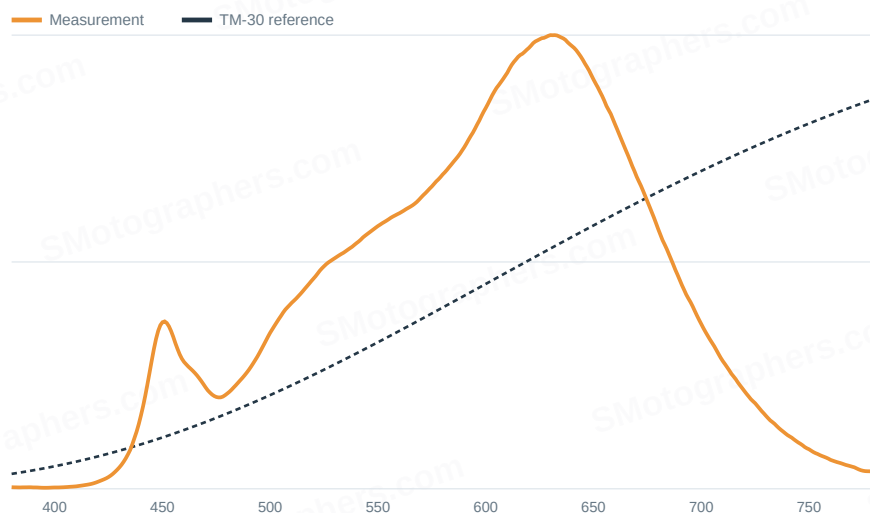
MEASUREMENT

100 %

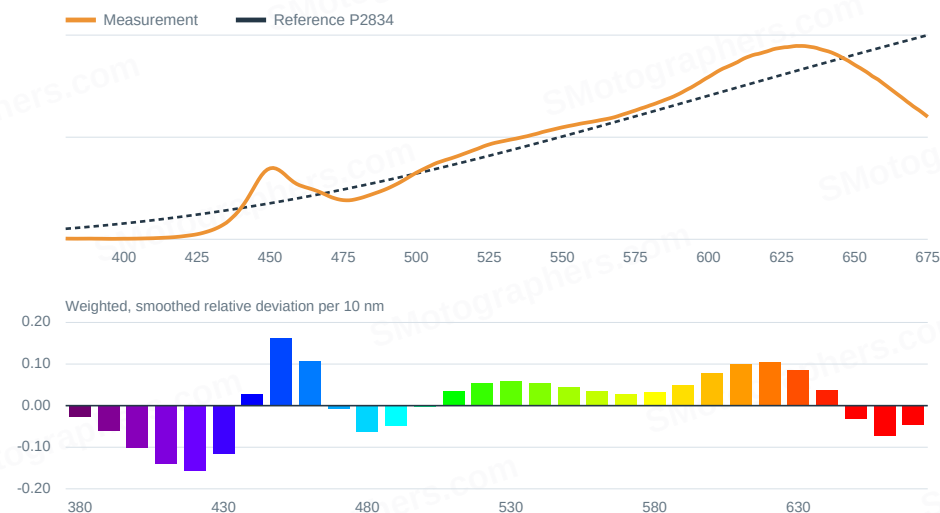
Fidelity per colour sample Rf,CES1-99



Spectrum vs. TM-30 reference (equal area)



Academy SSI [P2834]



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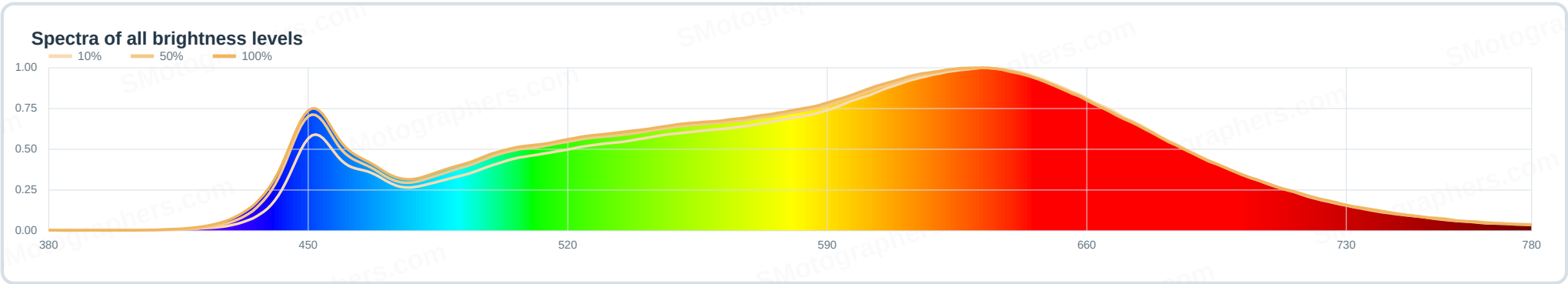
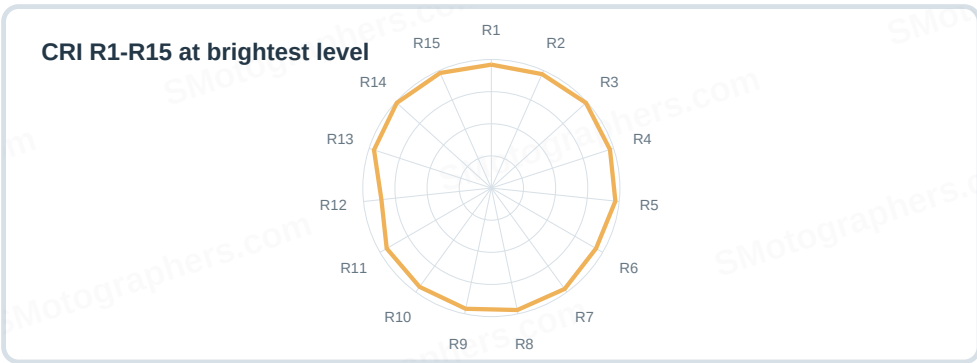
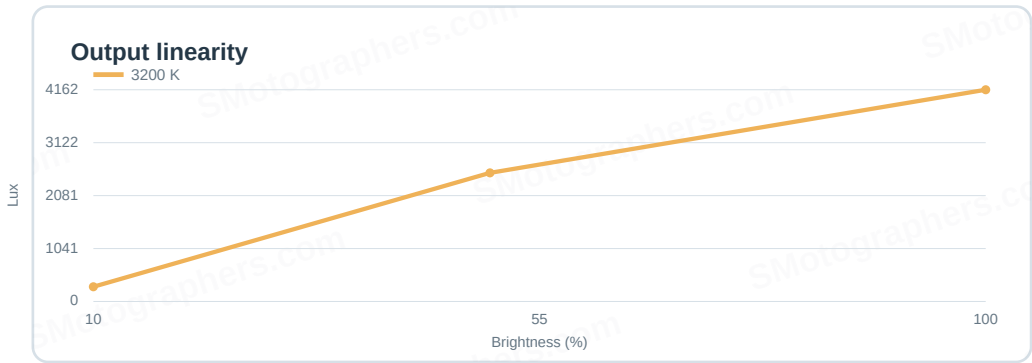
White light detail | Target CCT 3200 K

LED EVALUATOR

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	289	3054 K	-0.00298	3.80	96.9	94.0	633 nm
50%	2528	3254 K	-0.00405	7.01	97.1	96.0	632 nm
100%	4162	3327 K	-0.00498	6.50	96.9	96.0	630 nm

Colour metric	Value
SSI	81
TM-30 Rf	95
TM-30 Rg	102
TLCI (Info)	97
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	127 K
Mired deviation	11.93
Source	OHS-150234.csv



Zhiyun M40SE

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

LED EVALUATOR

TM-30 RF

95

TM-30 RG

102

SSI [P3336]

81

CCT (TM-30)

3323 K

DUV

-0.0049

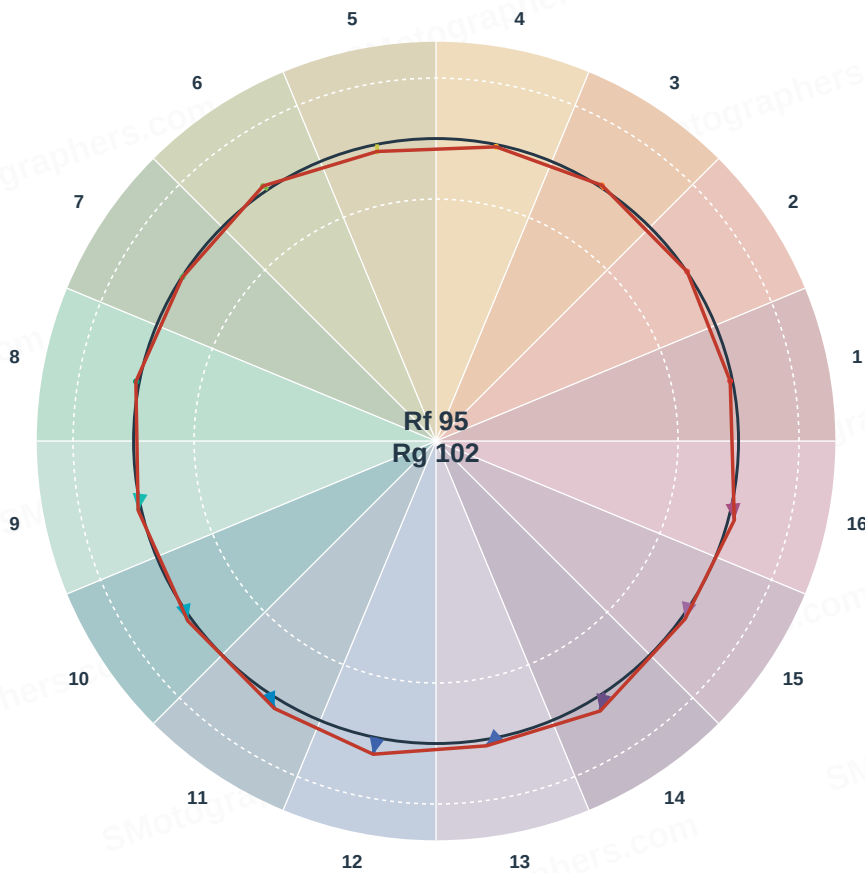
TLCI (INFO)

97

MEASUREMENT

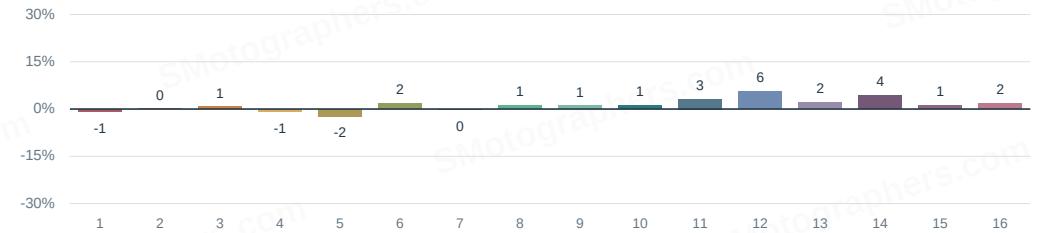
100 %

Color Vector Graphic

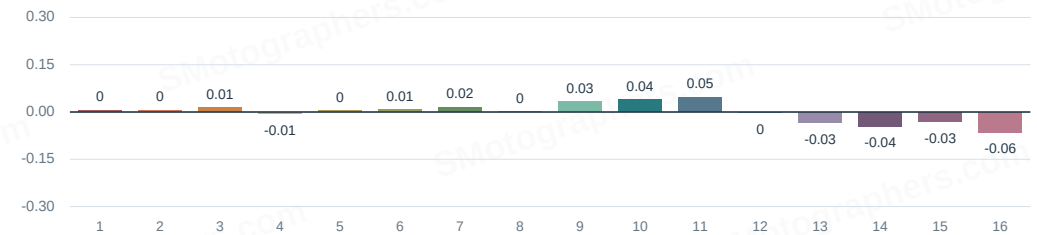


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

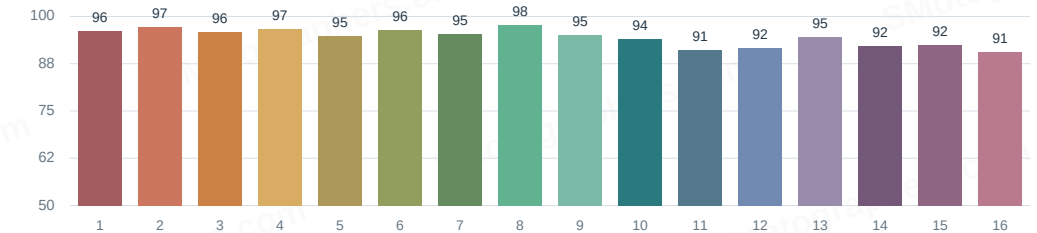
Local chroma shift Rcs,hj

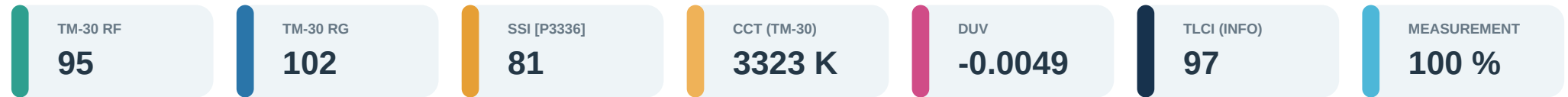


Local hue shift Rhs,hj

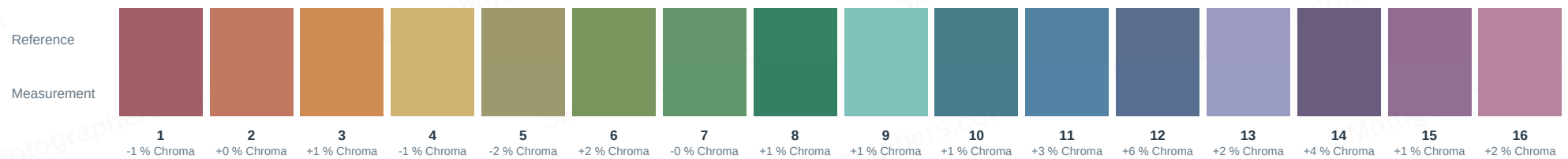


Local colour fidelity Rf,hj

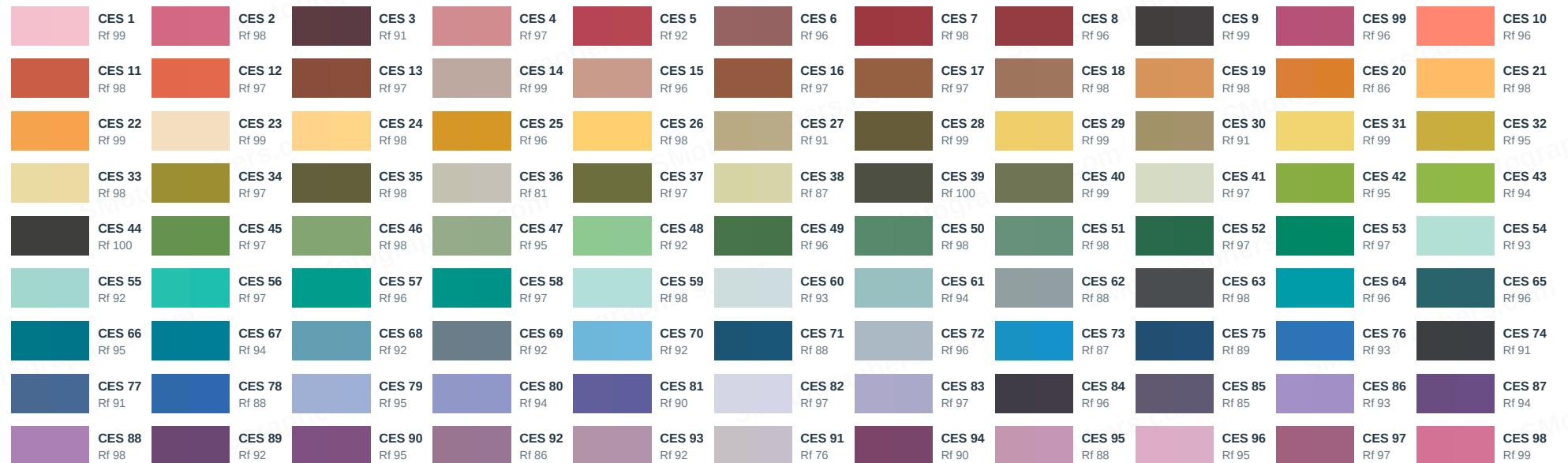




Hue bins 1-16: average per bin



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



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

TM-30 RF

95

TM-30 RG

102

SSI [P3336]

81

CCT (TM-30)

3323 K

DUV

-0.0049

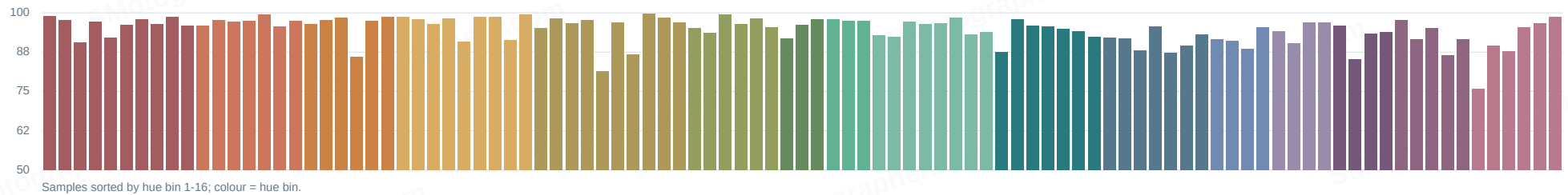
TLCI (INFO)

97

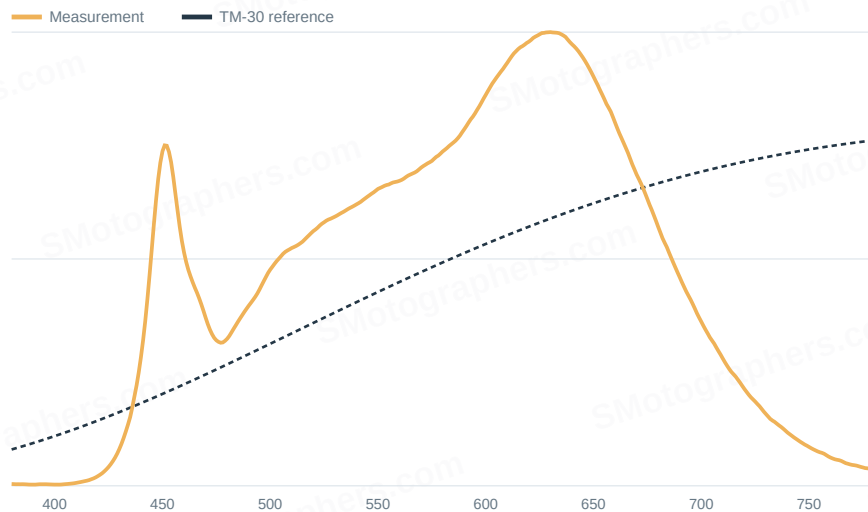
MEASUREMENT

100 %

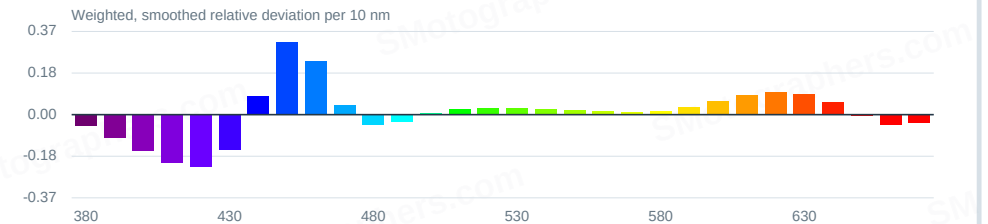
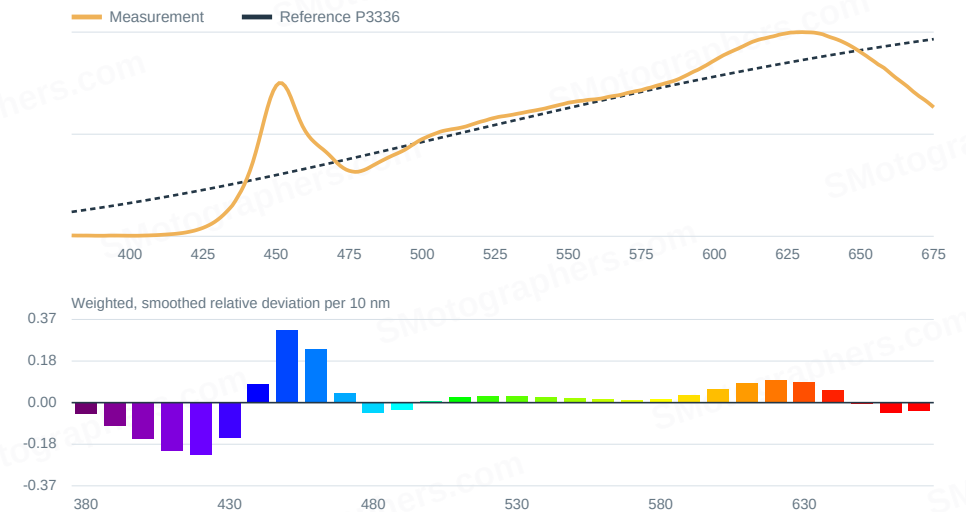
Fidelity per colour sample Rf,CES1-99



Spectrum vs. TM-30 reference (equal area)



Academy SSI [P3336]



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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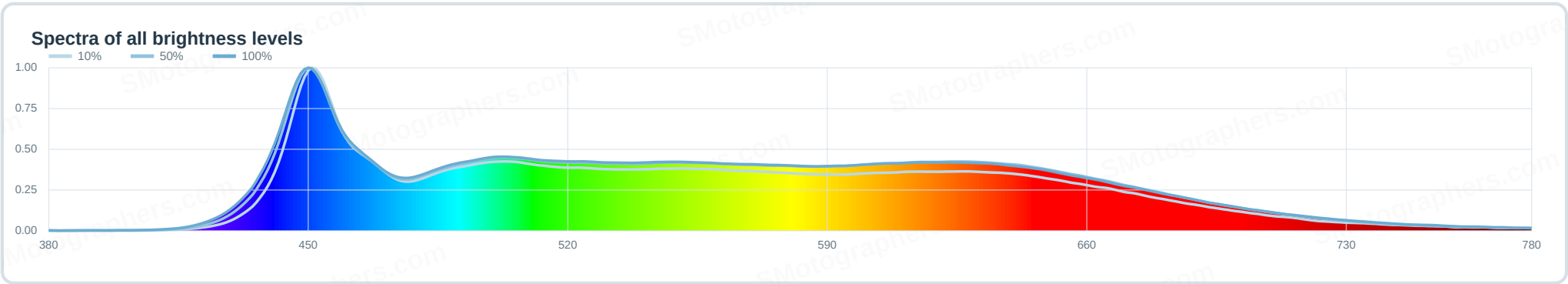
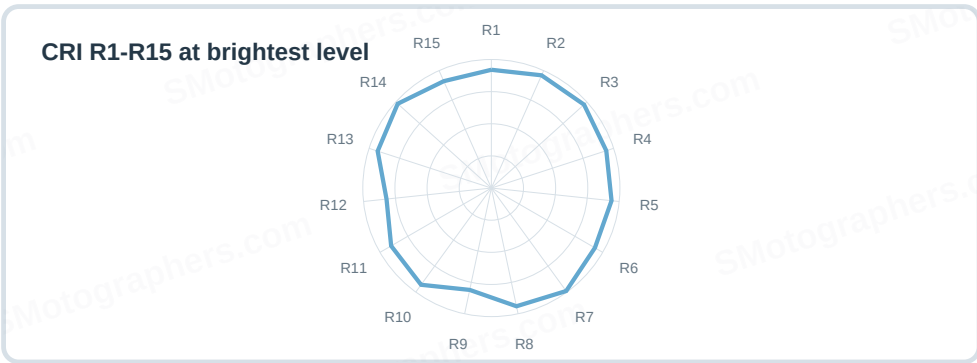
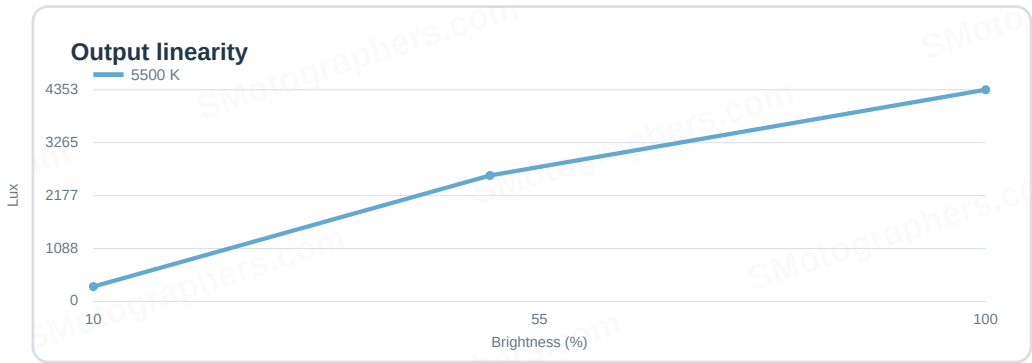
White light detail | Target CCT 5500 K

LED EVALUATOR

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	307	6457 K	-0.00201	6.48	95.6	84.0	452 nm
50%	2591	6015 K	-0.00493	9.98	94.9	80.0	451 nm
100%	4353	6245 K	-0.00526	11.11	94.9	81.0	450 nm

Colour metric	Value
SSI	70
TM-30 Rf	93
TM-30 Rg	103
TLCI (Info)	99
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	745 K
Mired deviation	21.69
Source	OHS-150255.csv



Zhiyun M40SE

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

LED EVALUATOR

TM-30 RF
93

TM-30 RG
103

SSI [D6245]
70

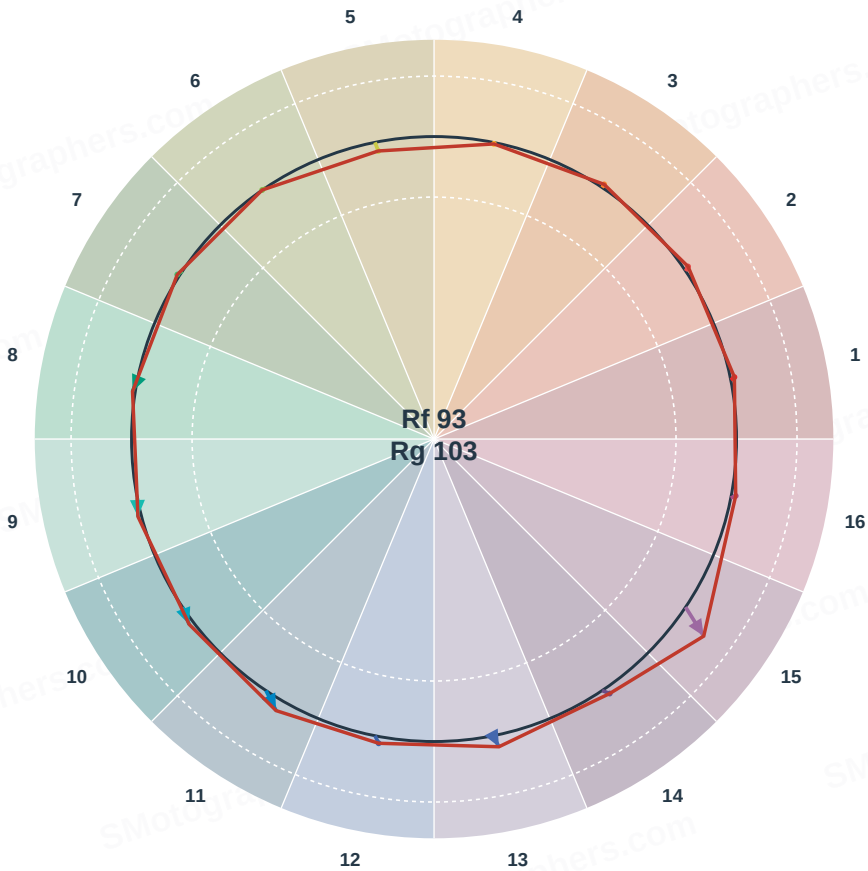
CCT (TM-30)
6247 K

DUV
-0.0053

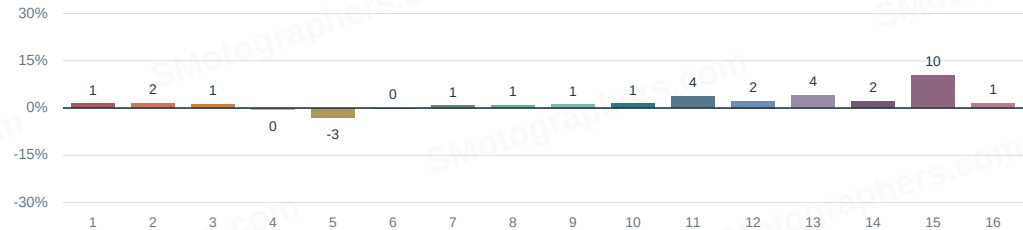
TLCI (INFO)
99

MEASUREMENT
100 %

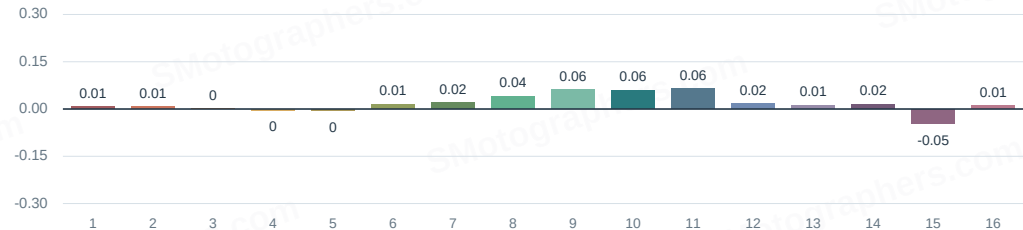
Color Vector Graphic



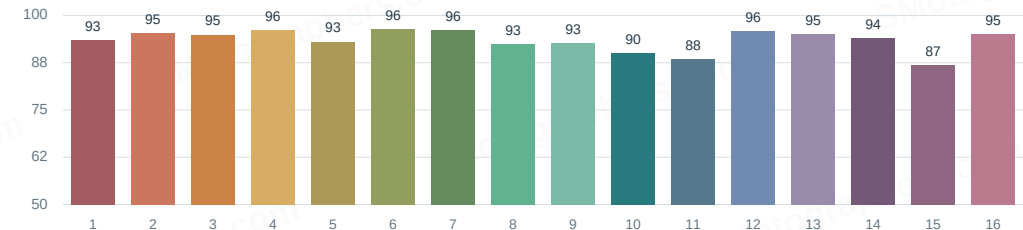
Local chroma shift Rcs,hj

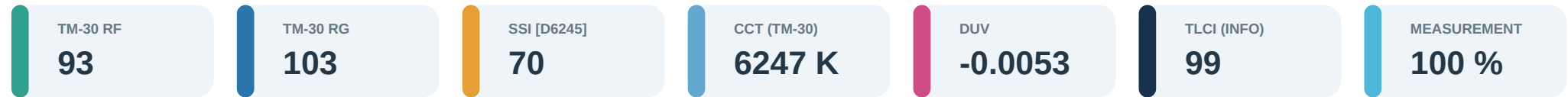


Local hue shift Rhs,hj

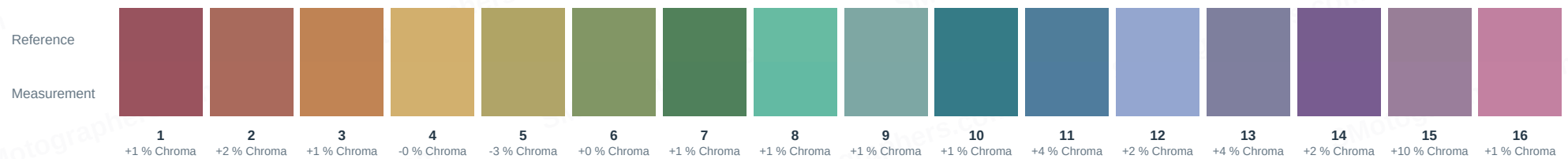


Local colour fidelity Rf,hj

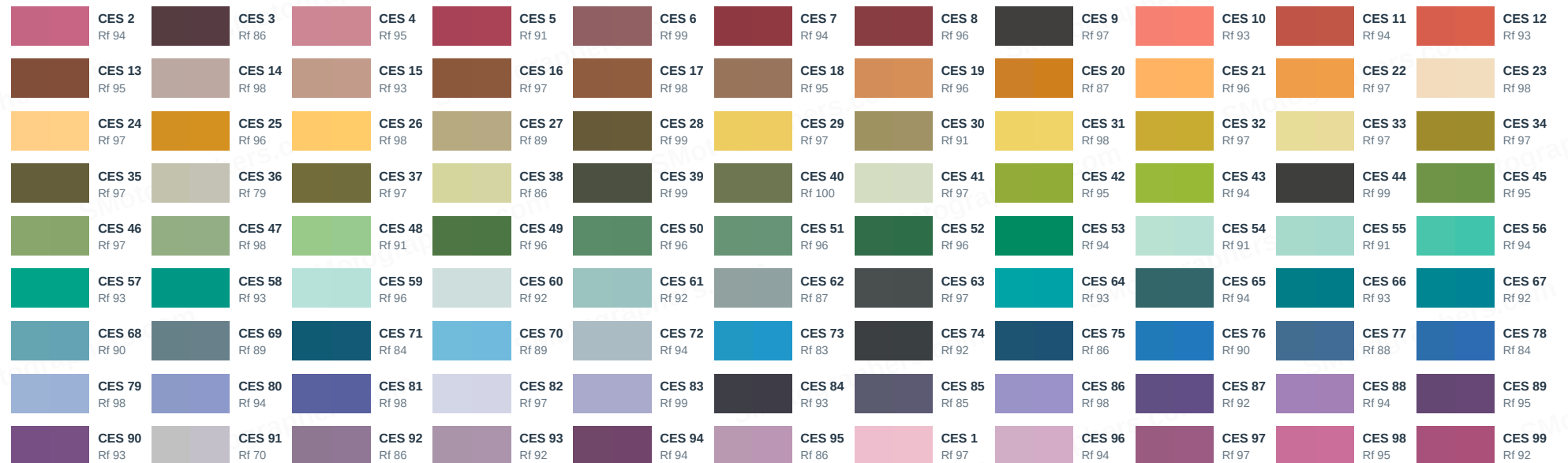




Hue bins 1-16: average per bin



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



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

TM-30 RF

93

TM-30 RG

103

SSI [D6245]

70

CCT (TM-30)

6247 K

DUV

-0.0053

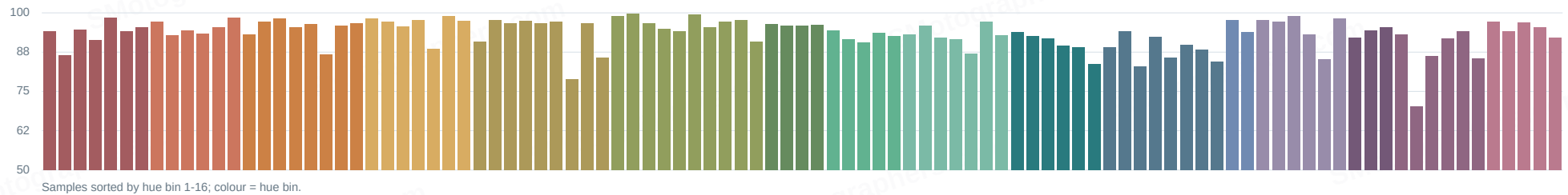
TLCI (INFO)

99

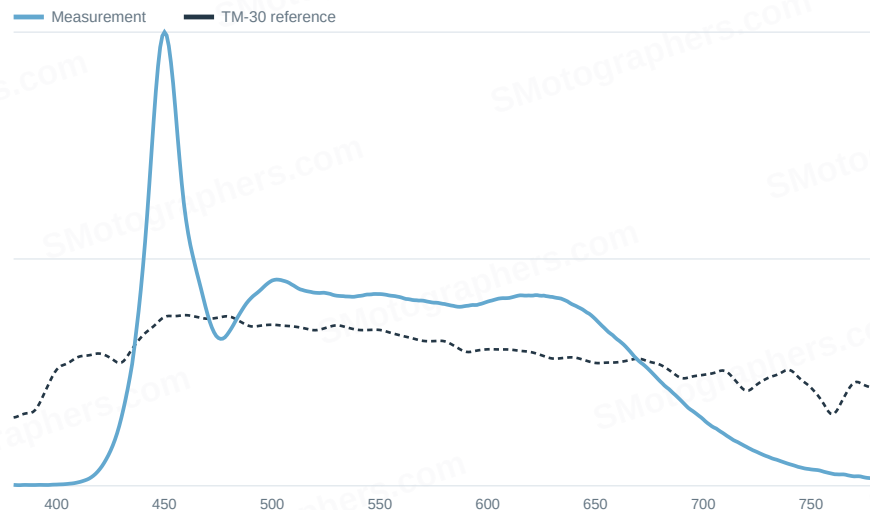
MEASUREMENT

100 %

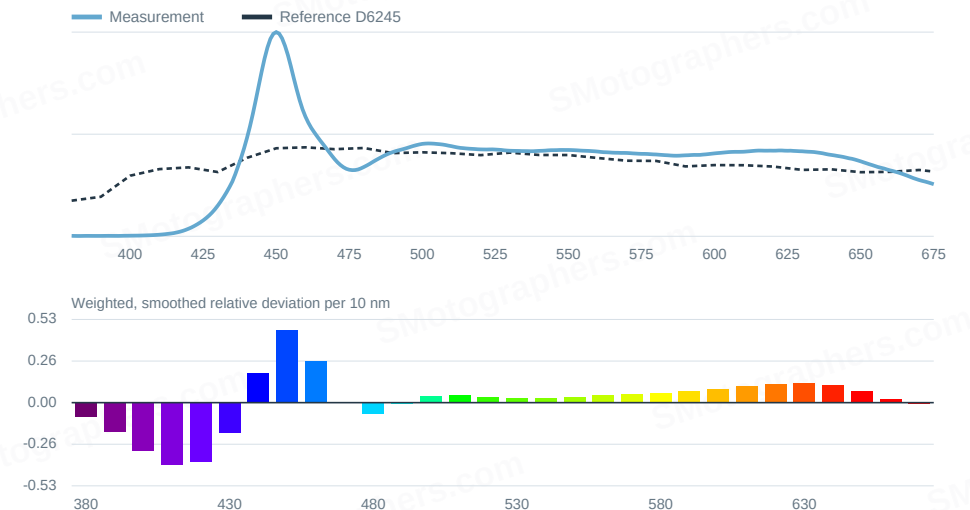
Fidelity per colour sample Rf,CES1-99



Spectrum vs. TM-30 reference (equal area)



Academy SSI [D6245]



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

Zhiyun M40SE

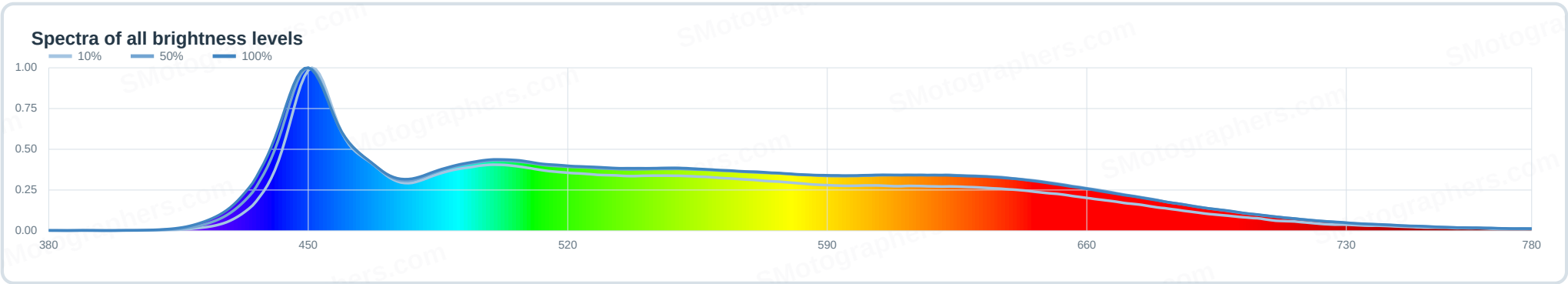
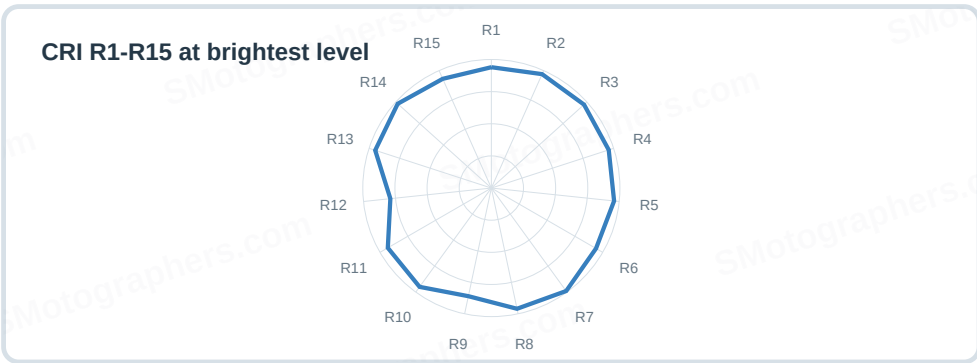
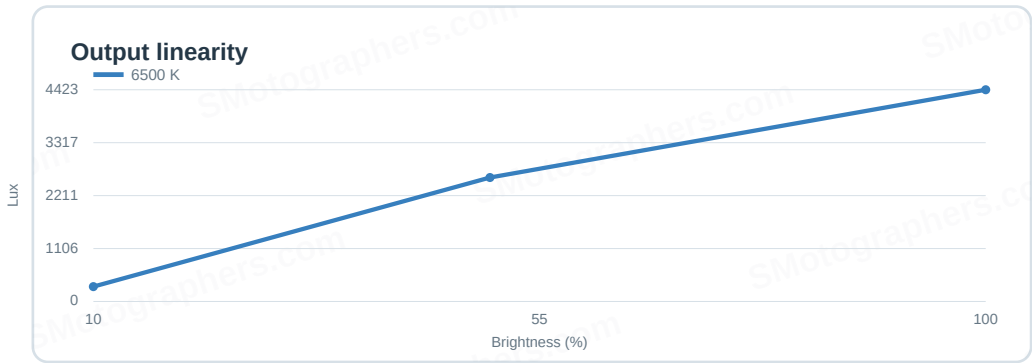
White light detail | Target CCT 6500 K

LED EVALUATOR

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	310	8144 K	0.00262	14.17	96.5	98.0	451 nm
50%	2589	7160 K	-0.00218	8.78	96.3	87.0	450 nm
100%	4423	7465 K	-0.00270	11.01	96.3	86.0	450 nm

Colour metric	Value
SSI	67
TM-30 Rf	93
TM-30 Rg	102
TLCI (Info)	99
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	965 K
Mired deviation	19.89
Source	OHS-150324.csv



Zhiyun M40SE

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

LED EVALUATOR

TM-30 RF

93

TM-30 RG

102

SSI [D7441]

67

CCT (TM-30)

7453 K

DUV

-0.0027

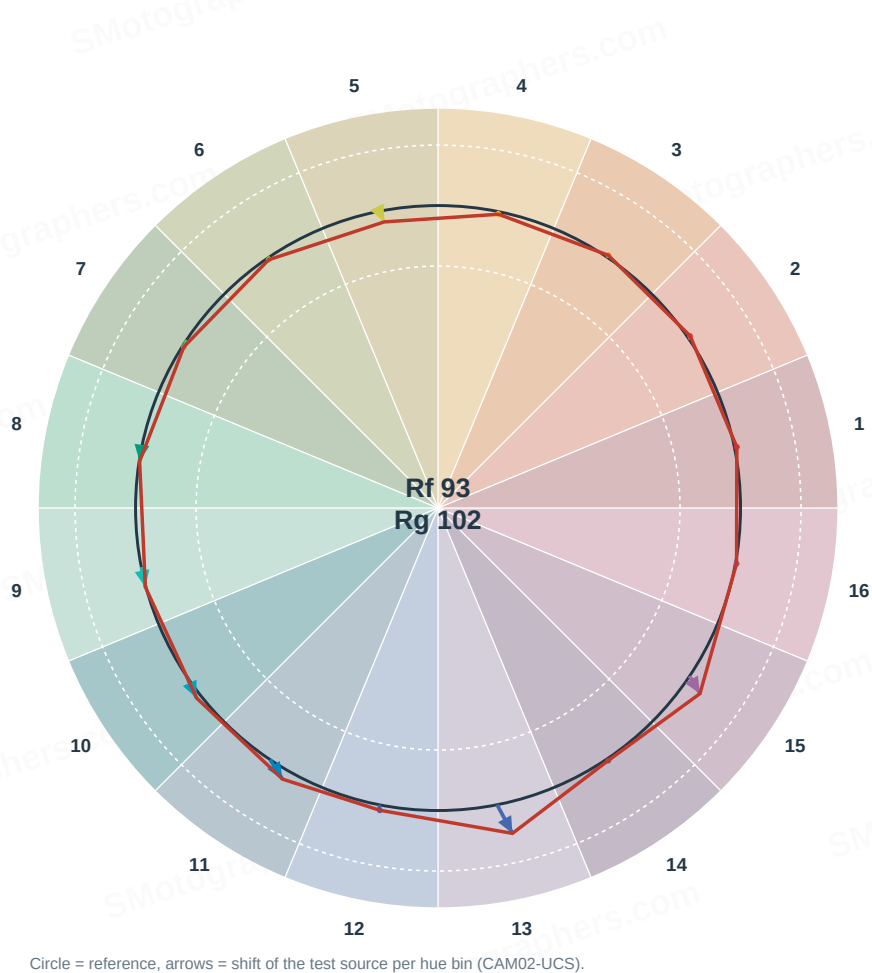
TLCI (INFO)

99

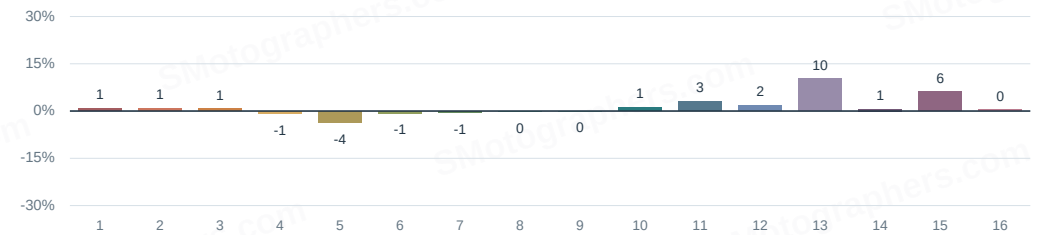
MEASUREMENT

100 %

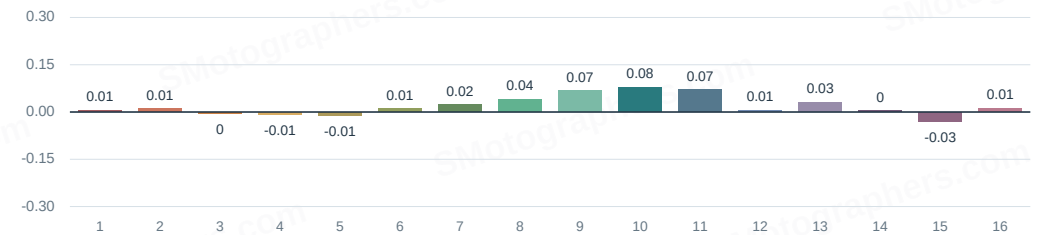
Color Vector Graphic



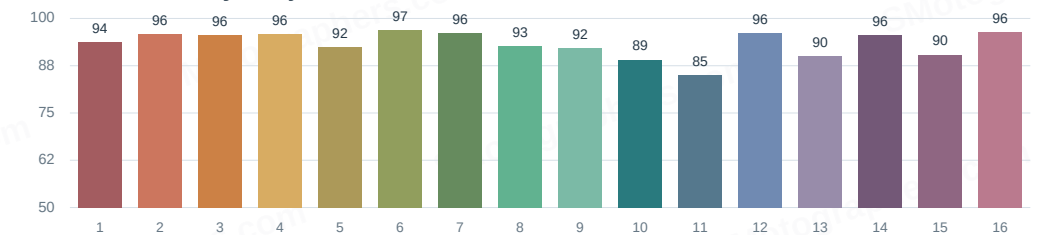
Local chroma shift Rcs,hj



Local hue shift Rhs,hj



Local colour fidelity Rf,hj



Zhiyun M40SE

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

LED EVALUATOR

TM-30 RF

93

TM-30 RG

102

SSI [D7441]

67

CCT (TM-30)

7453 K

DUV

-0.0027

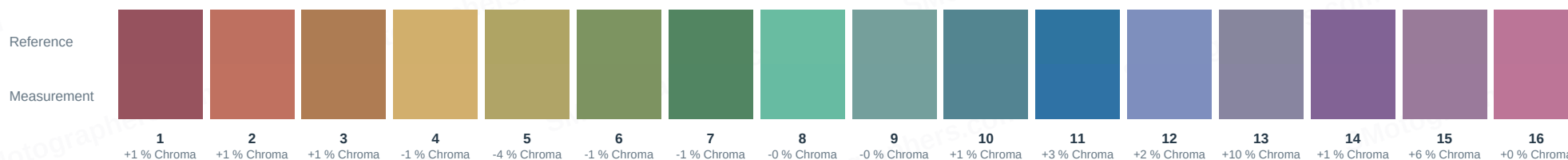
TLCI (INFO)

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

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

TM-30 RF

93

TM-30 RG

102

SSI [D7441]

67

CCT (TM-30)

7453 K

DUV

-0.0027

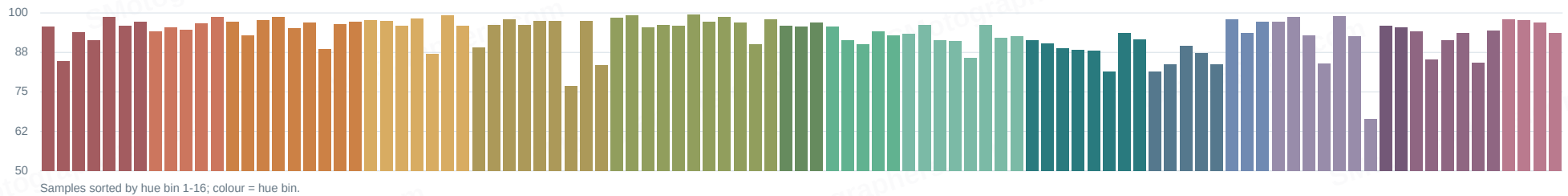
TLCI (INFO)

99

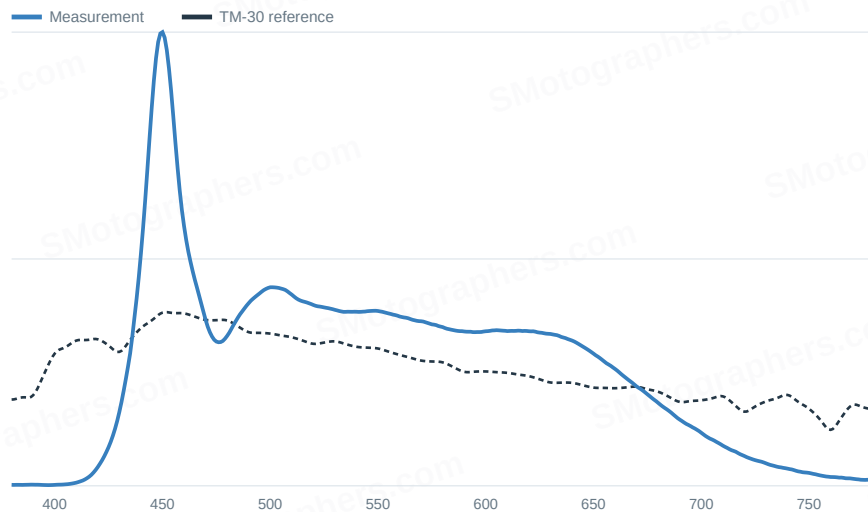
MEASUREMENT

100 %

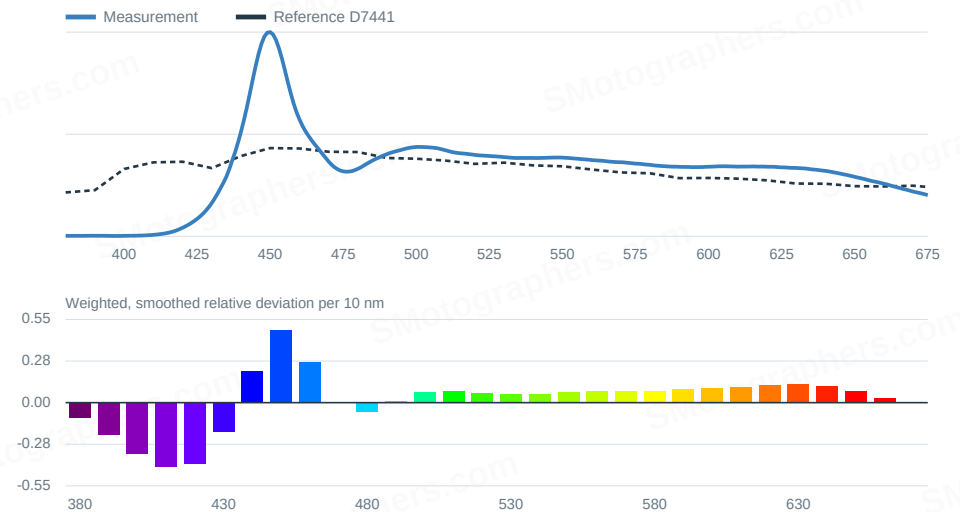
Fidelity per colour sample Rf,CES1-99



Spectrum vs. TM-30 reference (equal area)



Academy SSI [D7441]



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

Zhiyun M40SE

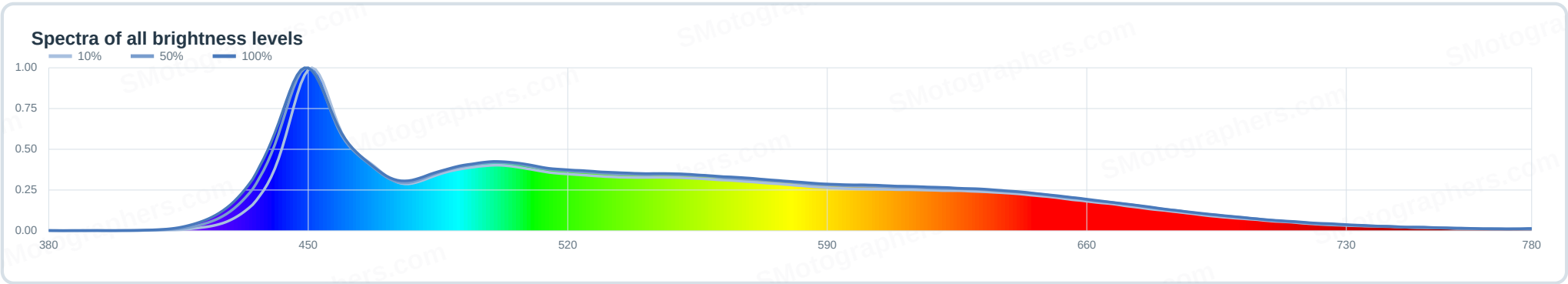
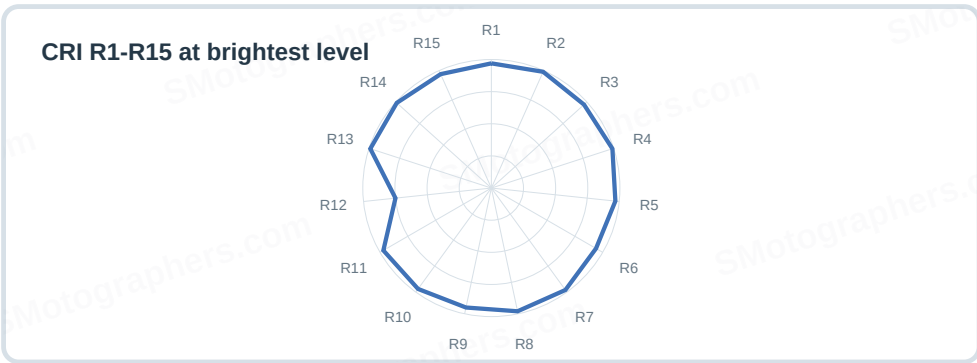
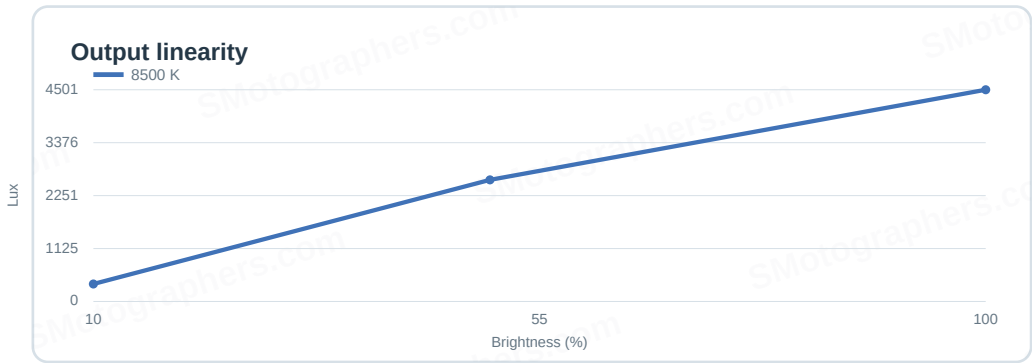
White light detail | Target CCT 8500 K

LED EVALUATOR

Level	Lux	Measured CCT	Duv	SDCM	Ra	R9	Peak
10%	372	8835 K	0.00424	18.82	95.9	92.0	451 nm
50%	2585	9059 K	0.00233	19.62	97.2	94.0	450 nm
100%	4501	9373 K	0.00105	21.07	97.4	95.0	450 nm

Colour metric	Value
SSI	64
TM-30 Rf	93
TM-30 Rg	100
TLCI (Info)	99
Measurements	3

Check	Value
Brightest level	100%
CCT deviation	873 K
Mired deviation	10.96
Source	OHS-150358.csv



Zhiyun M40SE

ANSI/IES TM-30 colour rendition | Target CCT 8500 K

LED EVALUATOR

TM-30 RF

93

TM-30 RG

100

SSI [D9312]

64

CCT (TM-30)

9384 K

DUV

0.0011

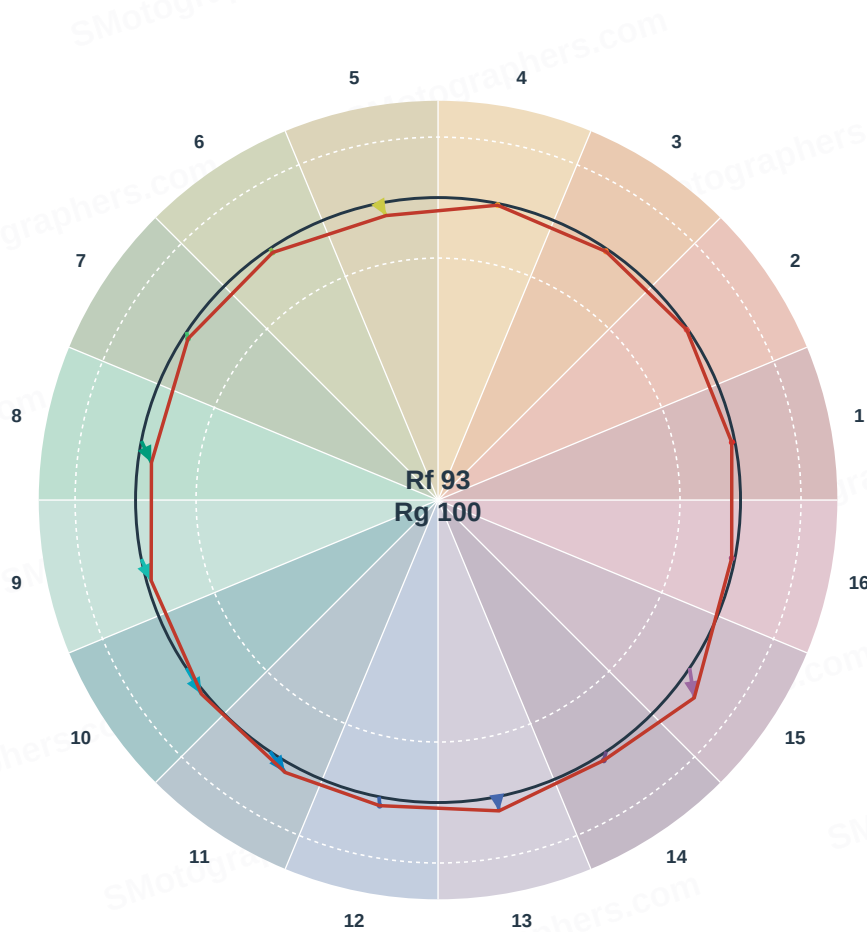
TLCI (INFO)

99

MEASUREMENT

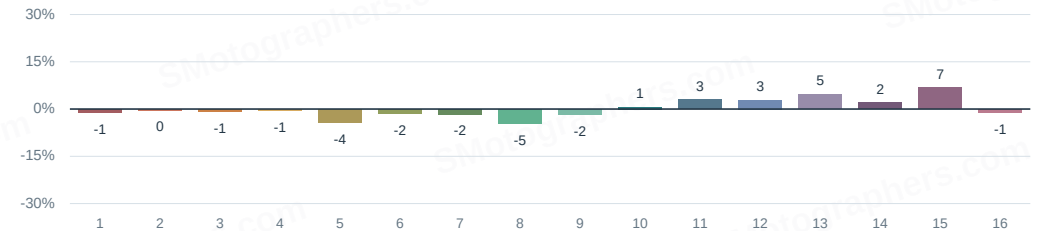
100 %

Color Vector Graphic

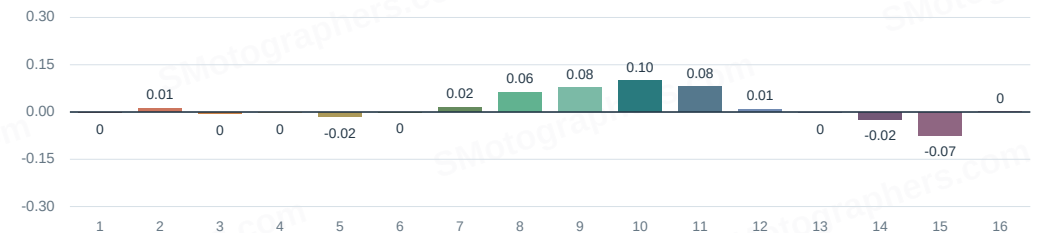


Circle = reference, arrows = shift of the test source per hue bin (CAM02-UCS).

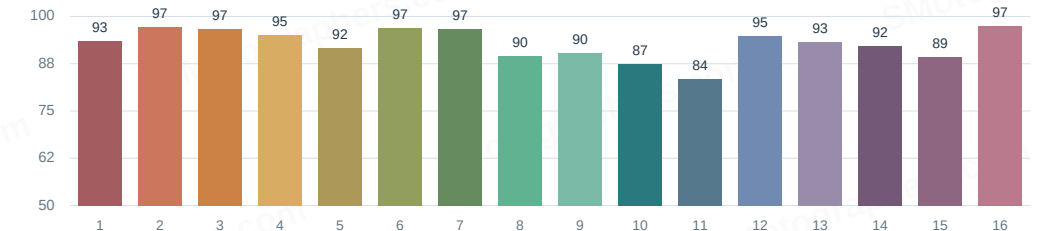
Local chroma shift Rcs,hj



Local hue shift Rhs,hj

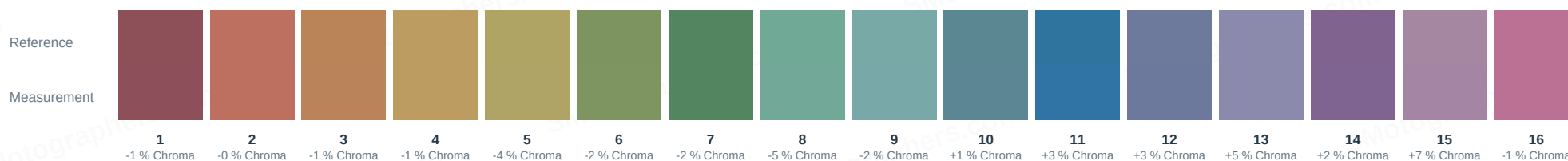


Local colour fidelity Rf,hj

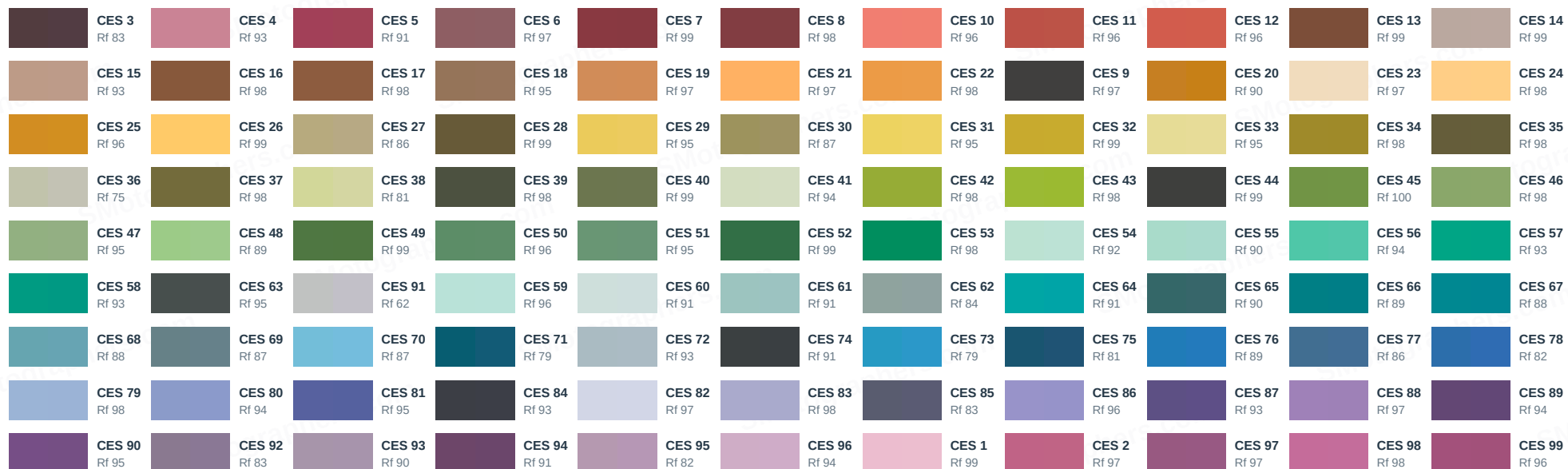




Hue bins 1-16: average per bin



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



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

TM-30 RF

93

TM-30 RG

100

SSI [D9312]

64

CCT (TM-30)

9384 K

DUV

0.0011

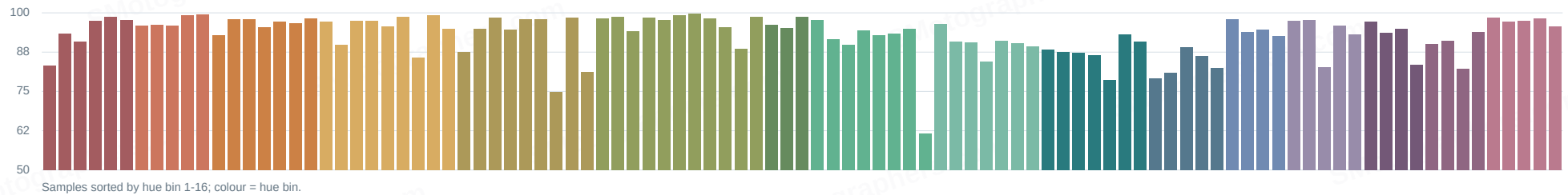
TLCI (INFO)

99

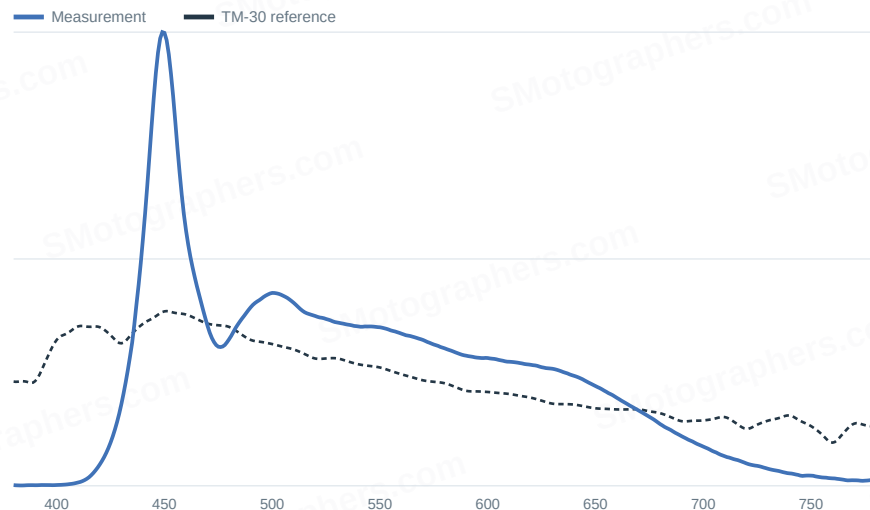
MEASUREMENT

100 %

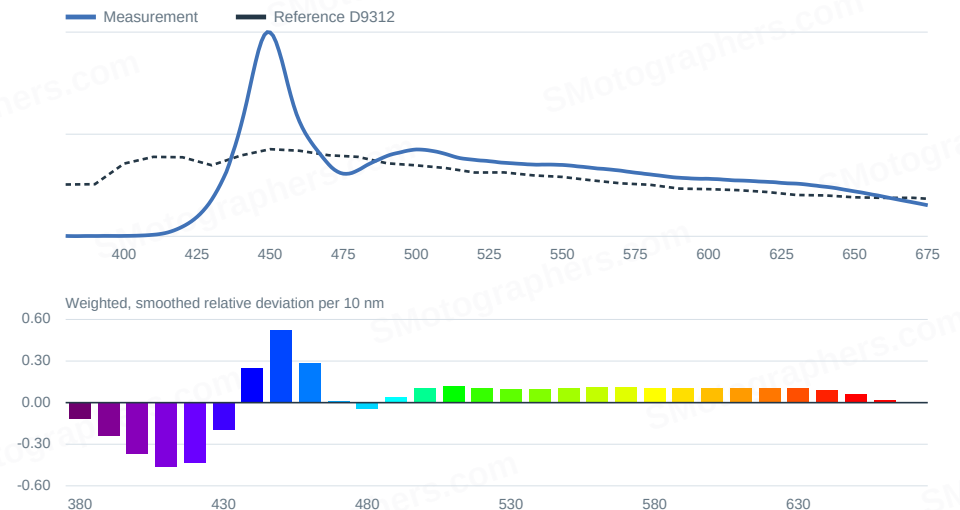
Fidelity per colour sample Rf,CES1-99



Spectrum vs. TM-30 reference (equal area)



Academy SSI [D9312]



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

Reflector	Target CCT	Lux	EV	Measured CCT	Duv	Source
Standard reflector	5500 K	4358	10.77	6248 K	-0.00525	OHS-150411.csv

Max EV per reflector

10.77



Standard reflector