

RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DMP_22k



Light Efficiency:

89 Lumen/Watt

Output: 103 lm

Light Quality:

CRI: 95.3

Peak: 37.2 cd

Power: 1.2 W

Rg 101.1

Gamut index Rg

Color Temperature

2239 K

PF: 1.0

R9: 95.9

Rf 94.3

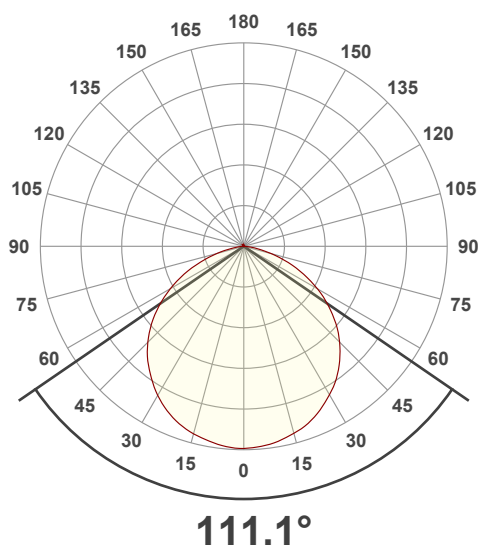
Fidelity index Rf

Duv: -0.0005

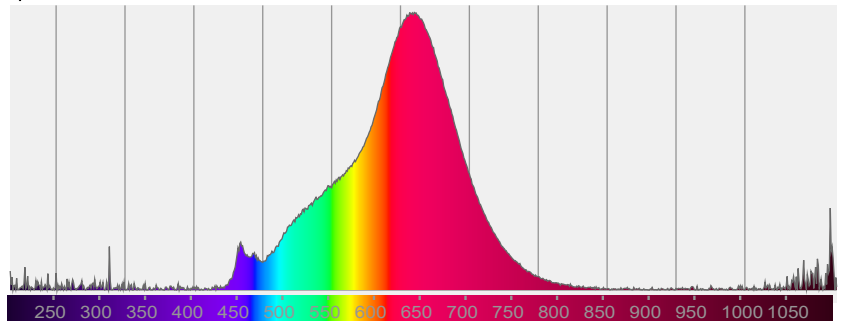
u': 0.288

v': 0.535

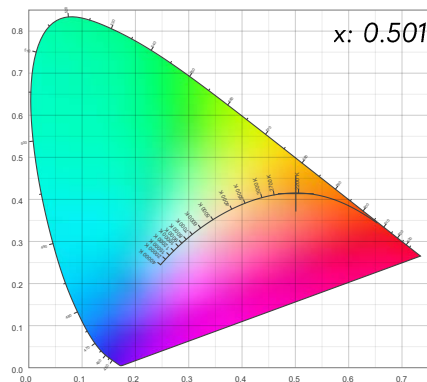
Beam Angle:



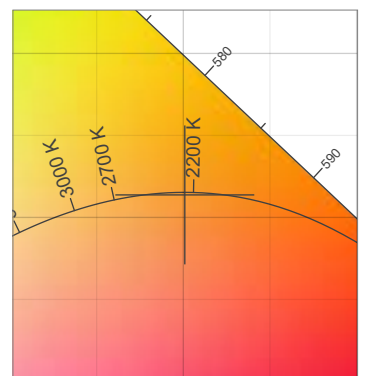
Spectra:



CIE 1931:

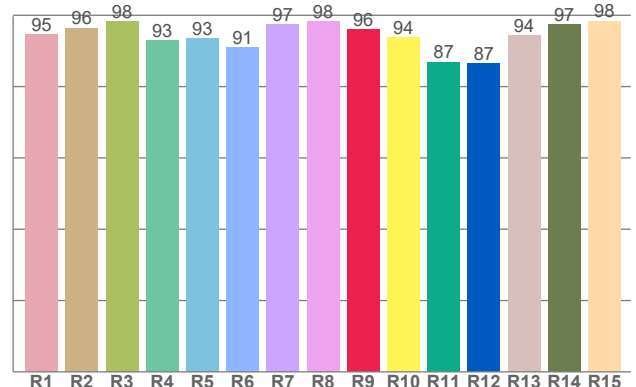
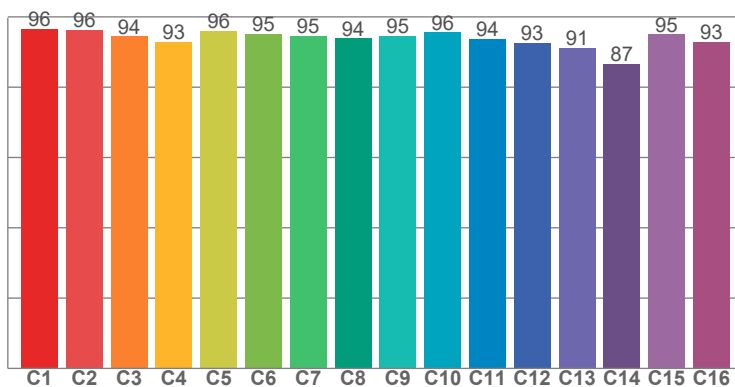


CIE 1931 Zoom:



TM30: 94.3

CRI: 95.3 94.6



SS_WHE_1.0-24_DMP_22k



CRI R values, only R1-R8 are used to calculate final CRI value

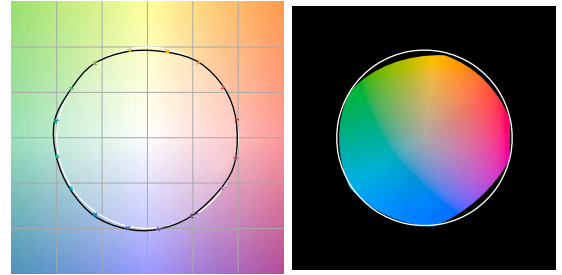
Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.6	96.4	98.3	92.9	93.4	91.1	97.4	98.2	95.9	93.7	86.9	86.5	94.3	97.5	98.4

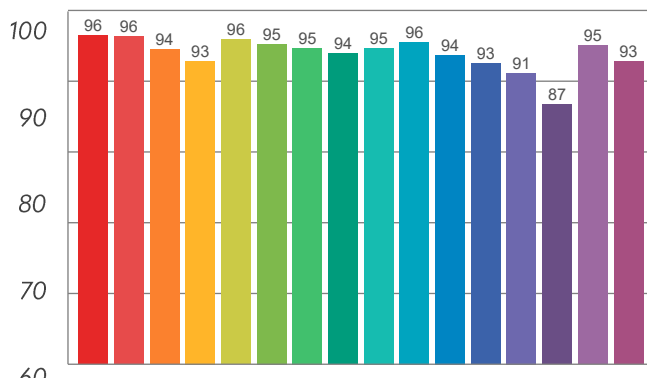
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.5	96.3	94.5	92.8	95.9	95.2	94.7	93.9	94.7	95.5	93.7	92.5	91.2	86.7	95.0	92.8

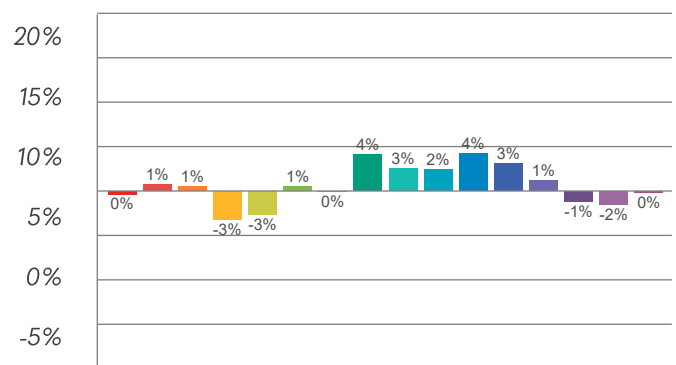
Color Vector



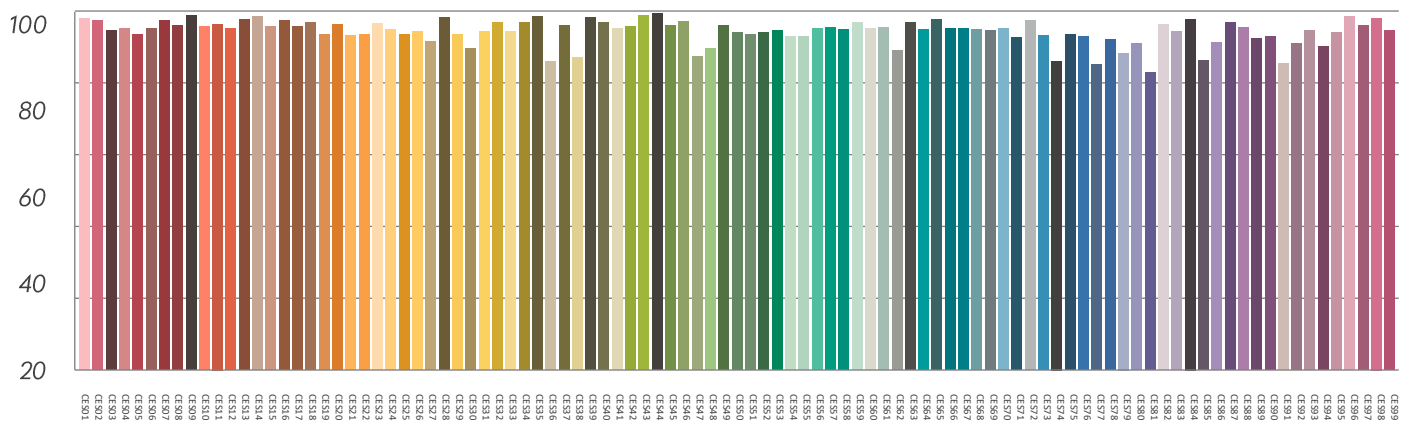
R_f by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DMP_25k



Light Efficiency:

95 Lumen/Watt

Output: 110 lm

Light Quality:

CRI: 96.2

Peak: 39.6 cd

Power: 1.2 W

R_g 101.3

Gamut index R_g

Color Temperature

2448 K

PF: 1.0

R₉: 95.0

R_f 94.8

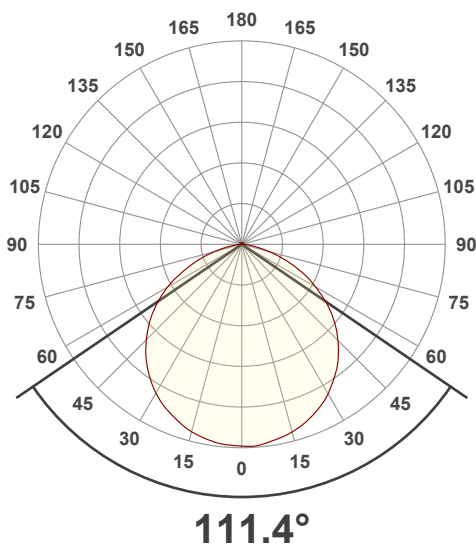
Fidelity index R_f

Duv: -0.0007

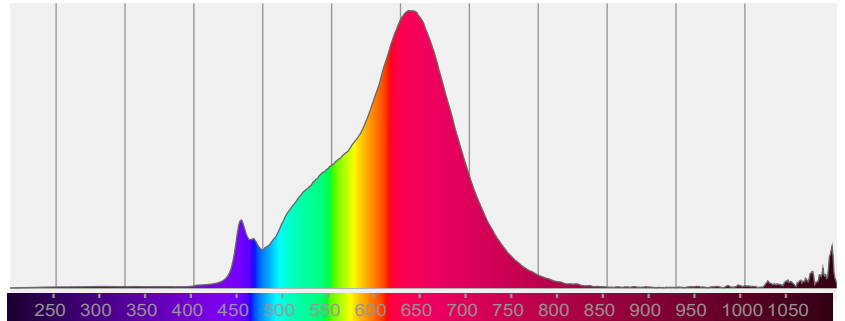
u': 0.275

v': 0.531

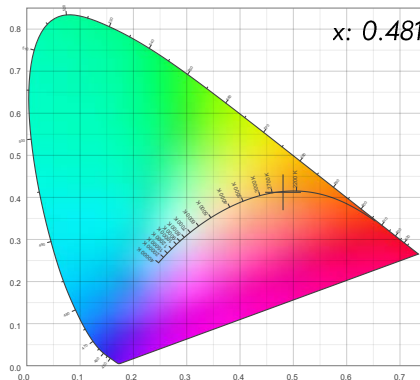
Beam Angle:



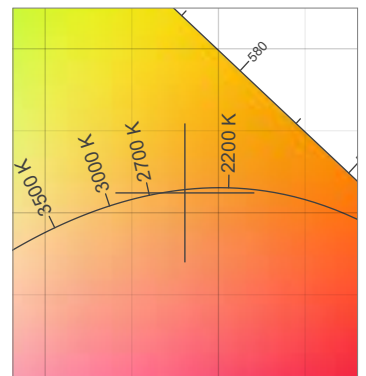
Spectra:



CIE 1931:

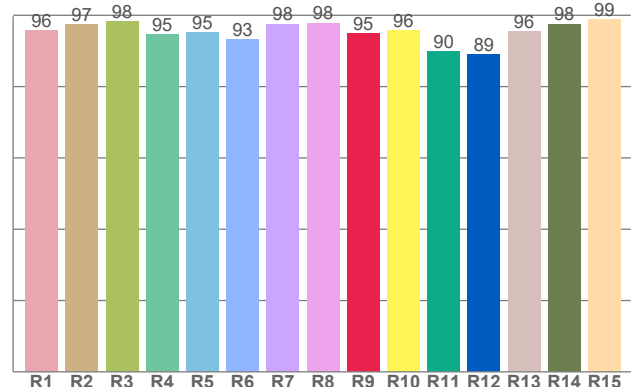
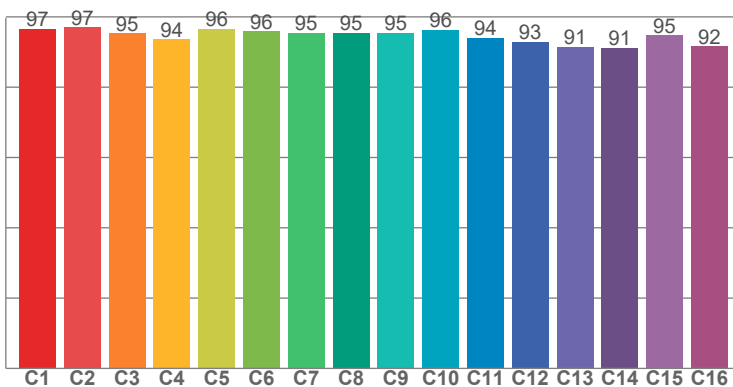


CIE 1931 Zoom:



TM30: 94.8

CRI: 96.2 95.8



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DMP_25k

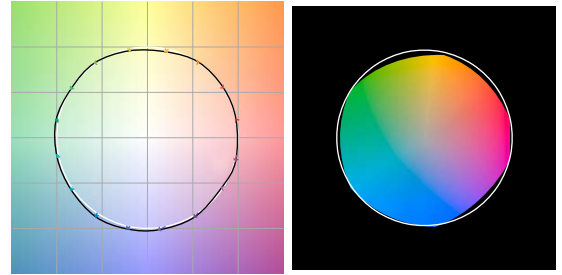


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.8	97.3	98.2	94.7	95.2	93.1	97.5	97.8	95.0	95.7	89.8	89.0	95.5	97.6	98.8

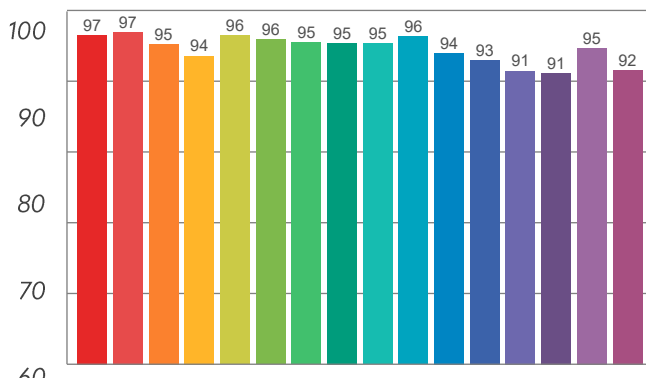
Color Vector



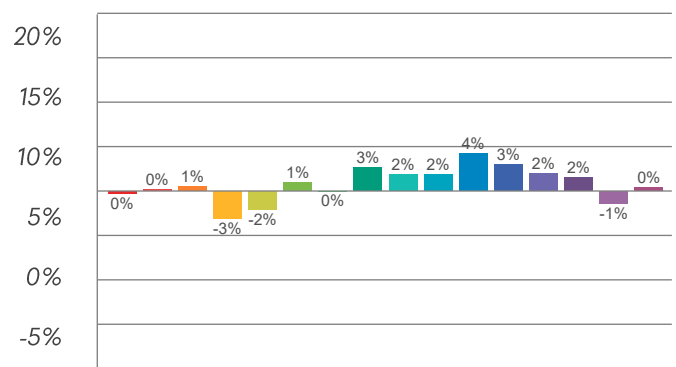
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.5	97.0	95.3	93.6	96.5	95.9	95.5	95.4	95.3	96.3	94.0	93.0	91.5	91.1	94.7	91.6

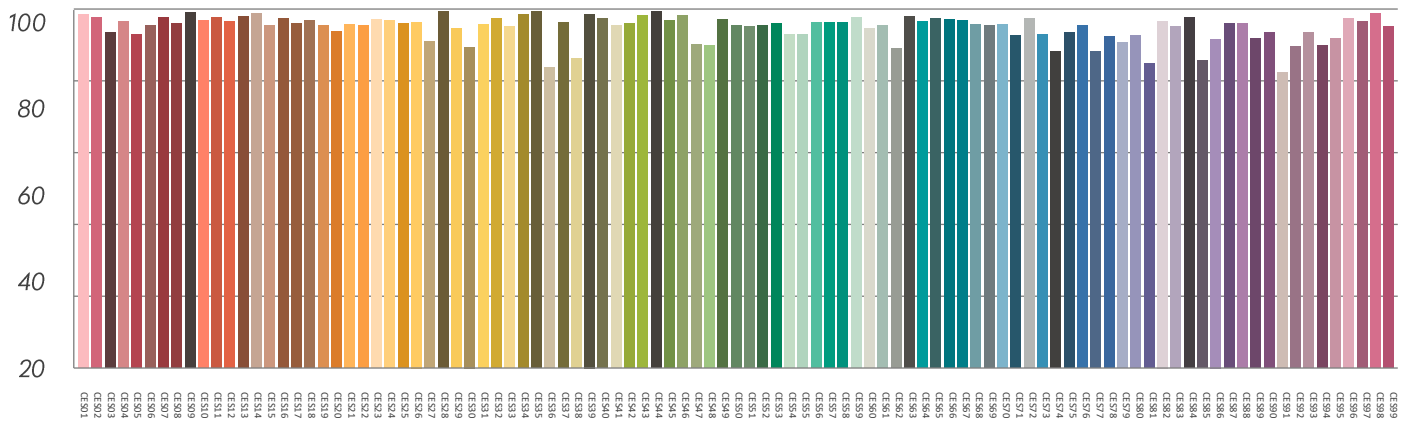
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DMP_27k



Light Efficiency:

118 Lumen/Watt

Output: 136 lm

Light Quality:

CRI: 97.1

Peak: 49.0 cd

Power: 1.2 W

Rg 101.2

Gamut index Rg

Color Temperature

2718 K

PF: 1.0

R9: 97.9

Rf 95.1

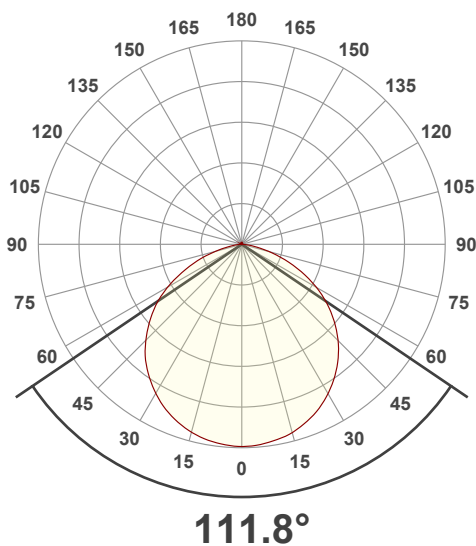
Fidelity index Rf

Duv: -0.0003

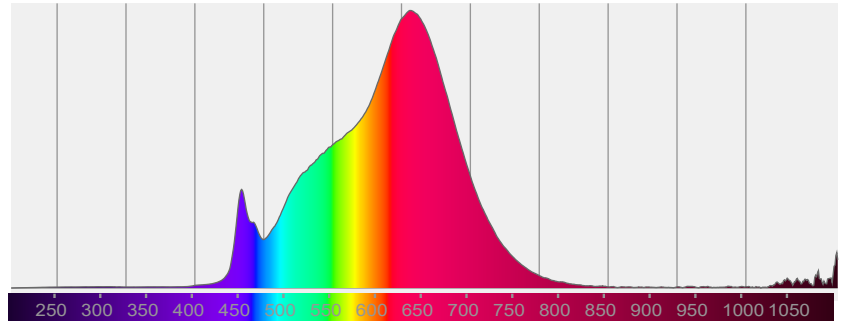
u': 0.262

v': 0.527

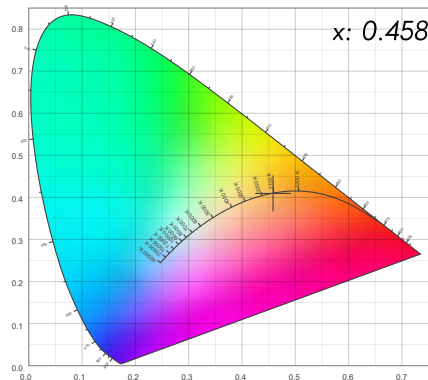
Beam Angle:



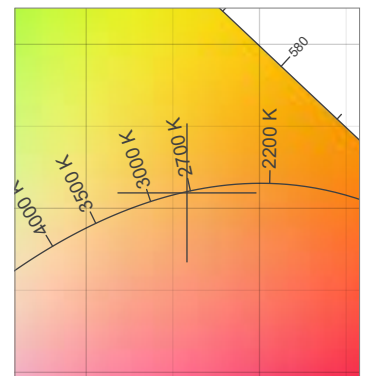
Spectra:



CIE 1931:

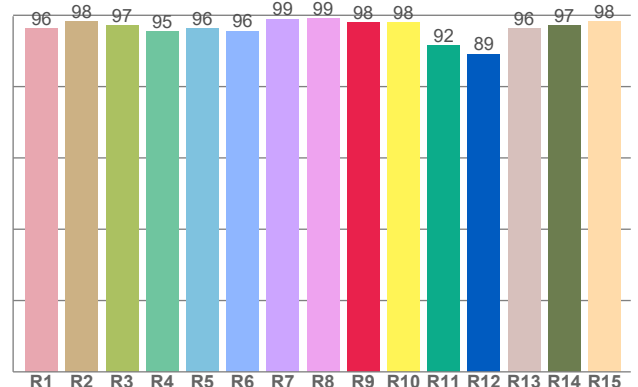
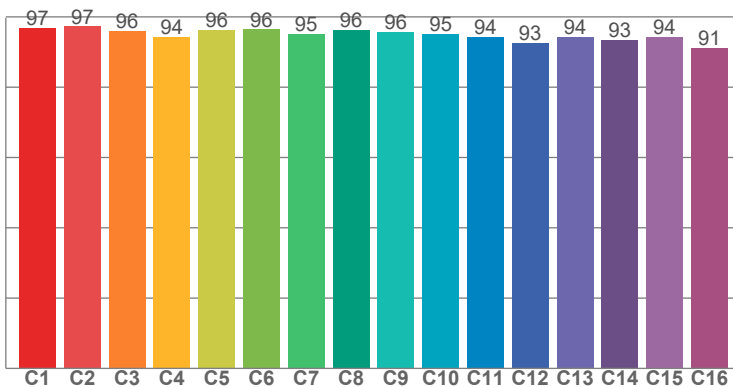


CIE 1931 Zoom:



TM30: 95.1

CRI: 97.1 96.2



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DMP_27k

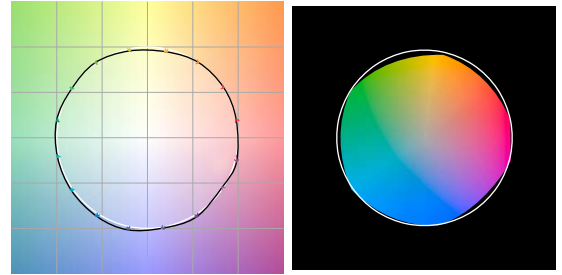


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.2	98.3	97.1	95.4	96.4	95.6	99.0	99.1	97.9	98.0	91.6	89.1	96.4	97.1	98.2

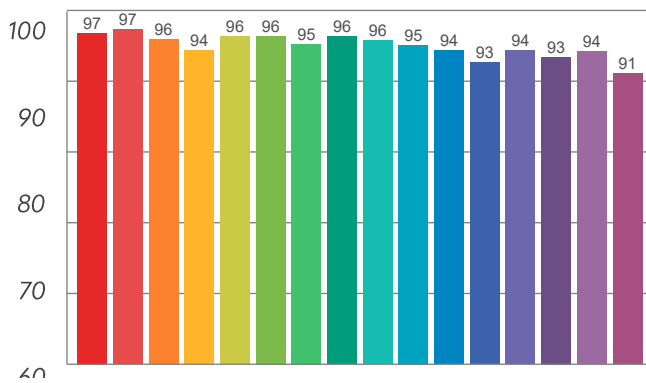
Color Vector



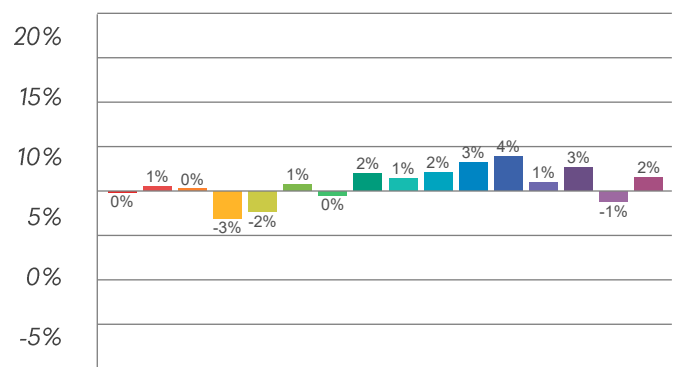
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.8	97.3	95.9	94.3	96.3	96.4	95.2	96.3	95.7	95.1	94.4	92.7	94.3	93.4	94.2	91.1

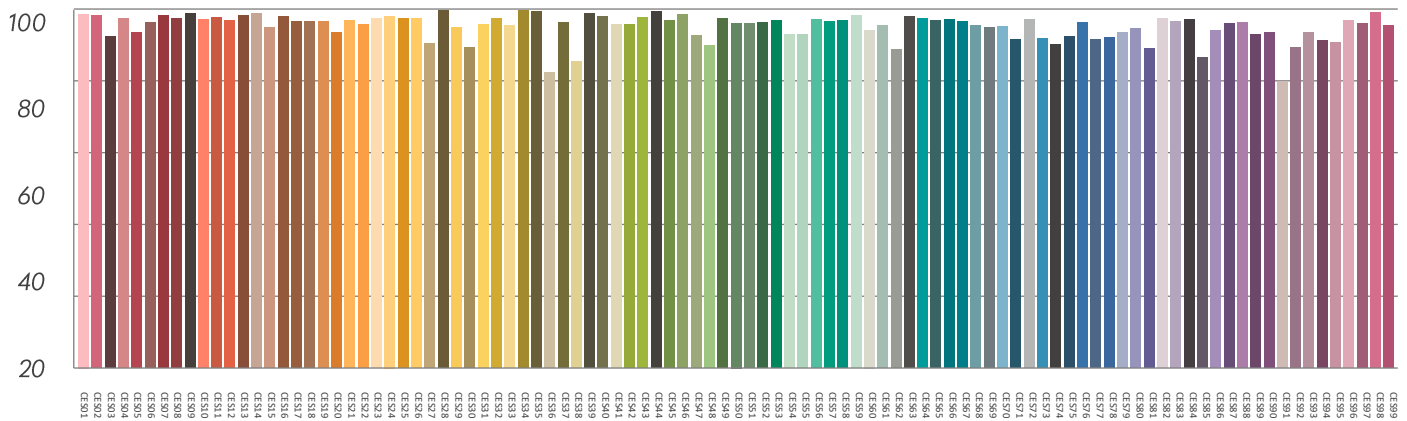
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DMP_30k



Light Efficiency:

75 Lumen/Watt

Output: 145 lm

Light Quality:

CRI: 97.5

Peak: 51.6 cd

Power: 1.9 W

PF: 1.0

R9: 97.8

Duv: -0.0010

u' : 0.250

v' : 0.520

Rg 101.9

Gamut index Rg

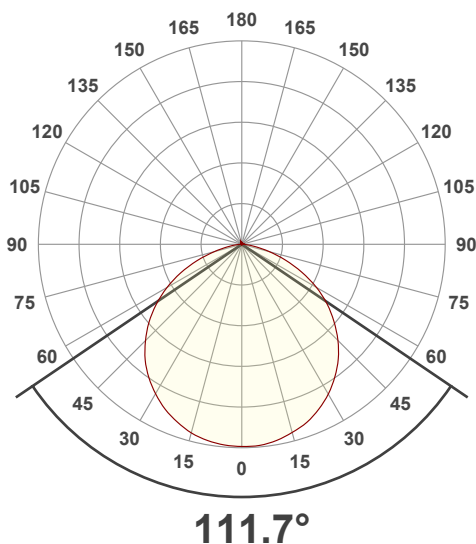
Rf 95.1

Fidelity index Rf

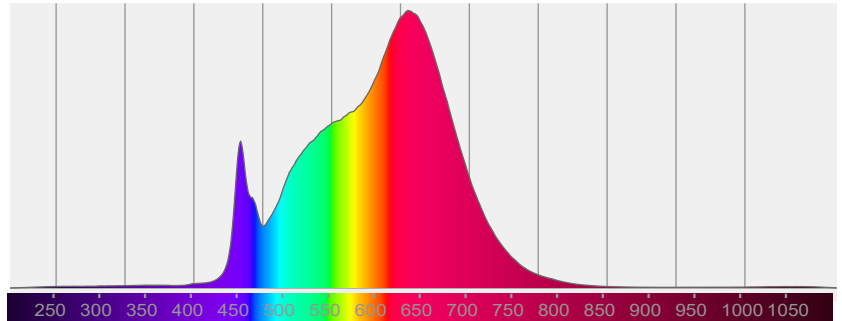
Color Temperature

3026 K

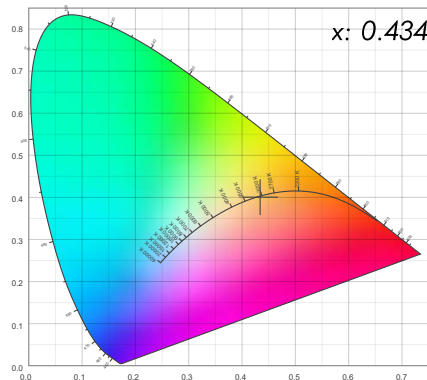
Beam Angle:



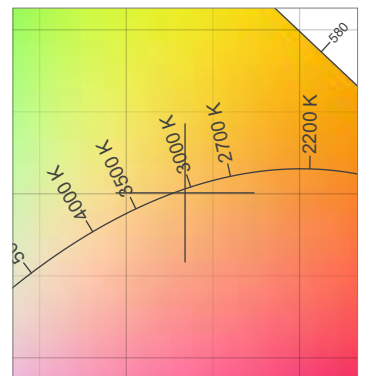
Spectra:



CIE 1931:

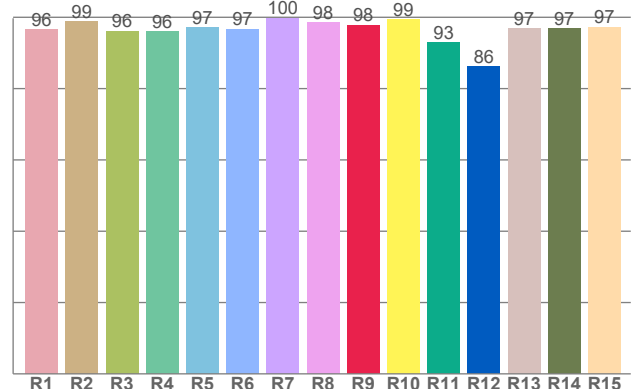
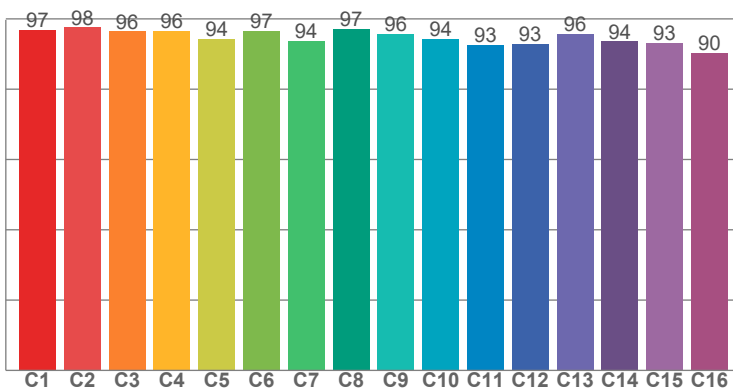


CIE 1931 Zoom:



TM30: 95.1

CRI: 97.5 96.5



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DMP_30k

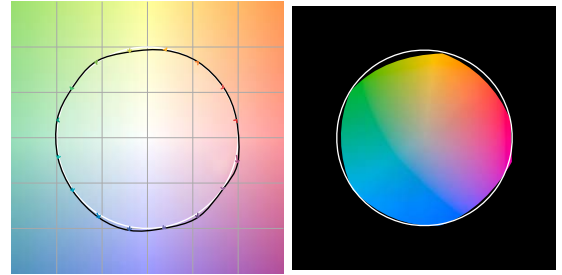


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.5	98.9	96.2	96.0	97.2	96.8	99.8	98.5	97.8	99.3	92.9	86.2	96.8	96.8	97.3

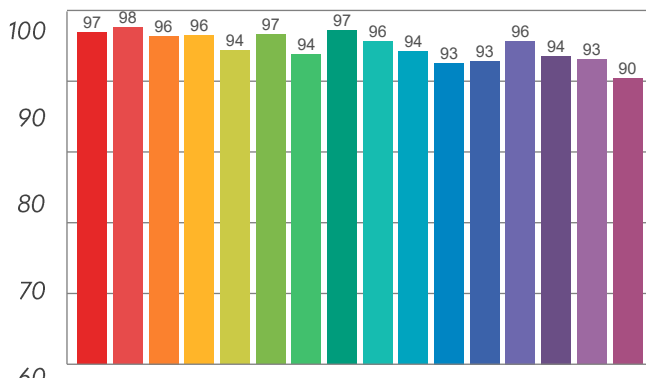
Color Vector



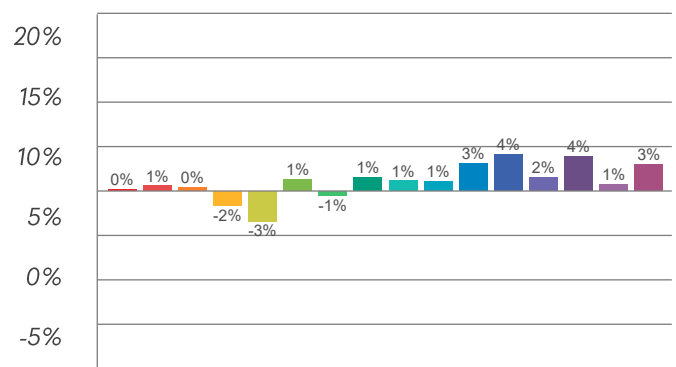
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.9	97.6	96.4	96.5	94.4	96.6	93.7	97.2	95.7	94.2	92.6	92.8	95.7	93.6	93.1	90.4

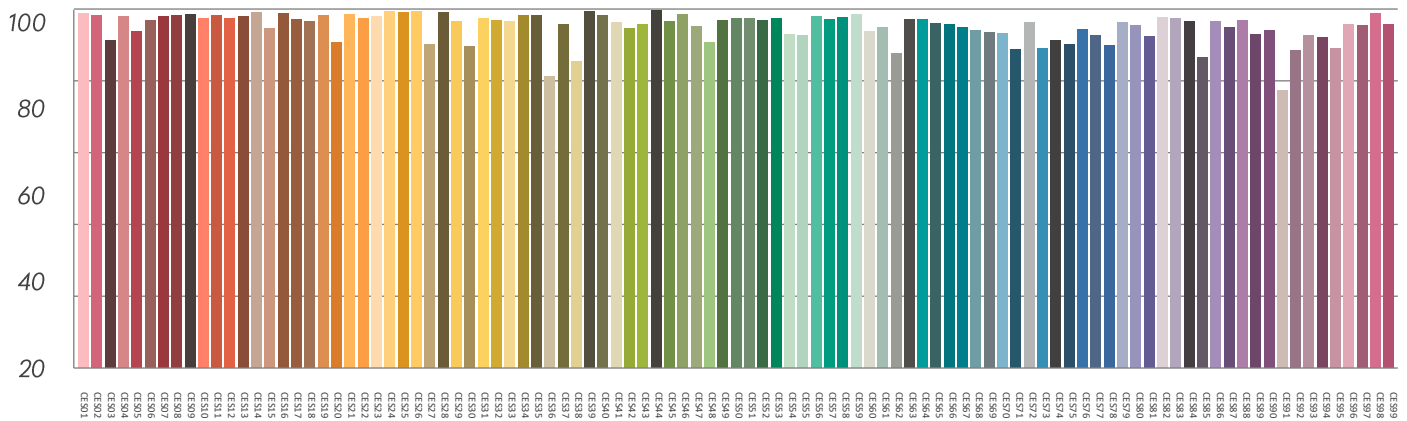
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DMP_35k



Light Efficiency:

128 Lumen/Watt

Output: 148 lm

Light Quality:

CRI: 97.5

Peak: 52.8 cd

Power: 1.2 W

Rg 100.5

Gamut index Rg

Color Temperature

3443 K

PF: 1.0

R9: 96.2

Duv: 0.0010

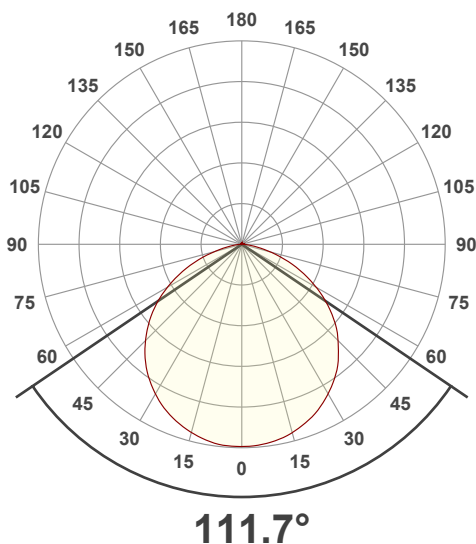
Rf 94.1

Fidelity index Rf

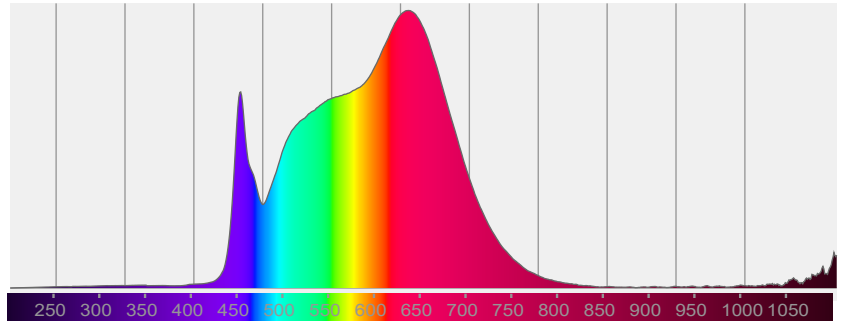
u': 0.237

v': 0.514

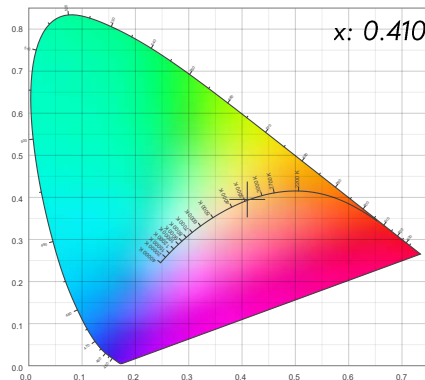
Beam Angle:



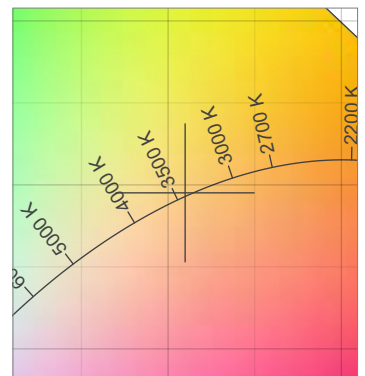
Spectra:



CIE 1931:

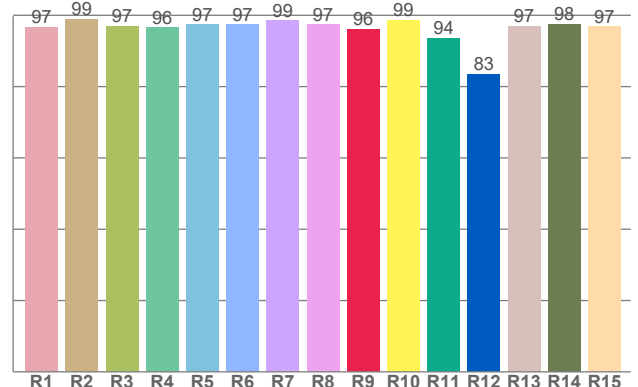
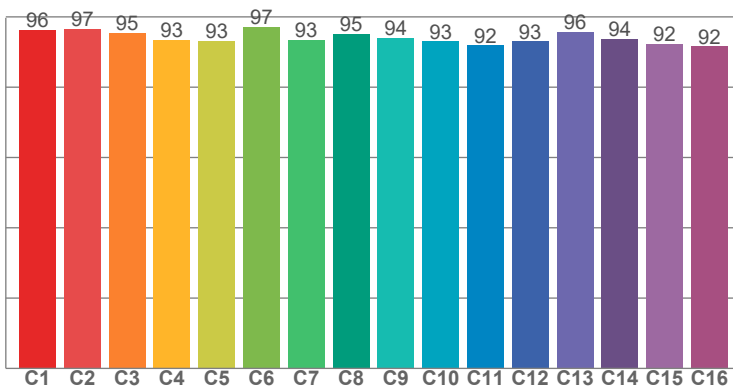


CIE 1931 Zoom:



TM30: 94.1

CRI: 97.5 96.7



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DMP_35k

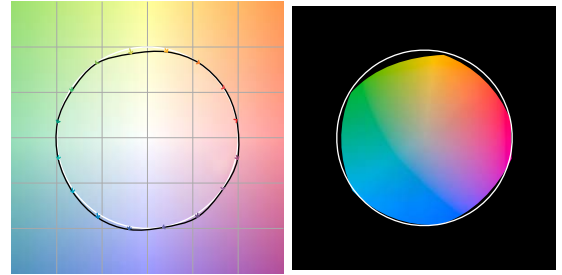


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.7	99.0	97.0	96.5	97.4	97.4	98.6	97.3	96.2	98.7	93.7	83.5	97.0	97.5	96.9

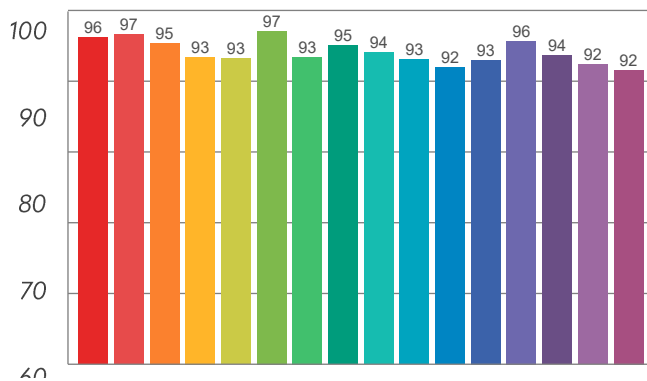
Color Vector



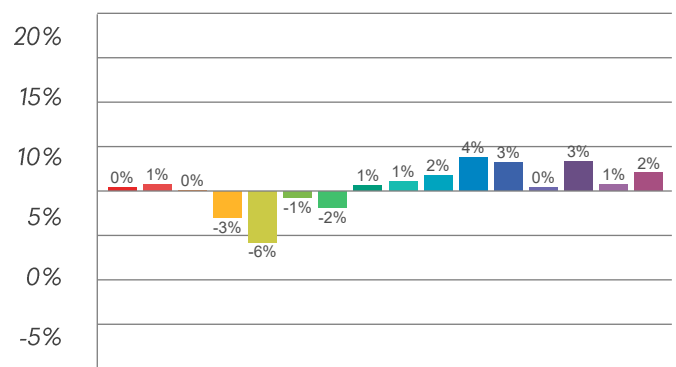
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.2	96.6	95.4	93.4	93.2	97.1	93.4	95.1	94.1	93.0	91.9	93.0	95.7	93.6	92.4	91.6

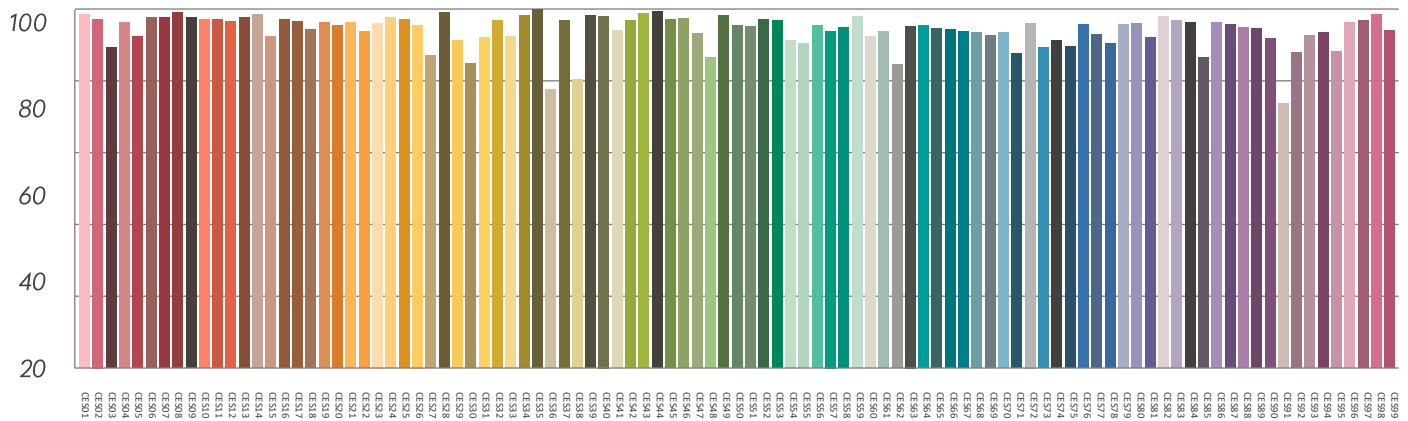
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DMP_41k



Light Efficiency:

219 Lumen/Watt

Output: 254 lm

Light Quality:

CRI: 97.8

Peak: 89.8 cd

Power: 1.2 W

PF: 1.0

R9: 94.9

Duv: 0.0002

u': 0.226

v': 0.502

Rg 100.7

Gamut index Rg

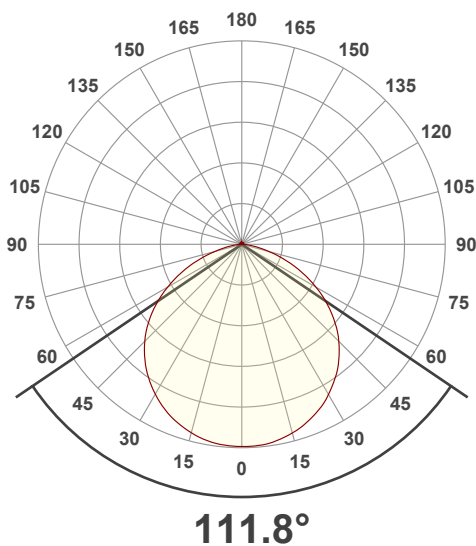
Rf 93.7

Fidelity index Rf

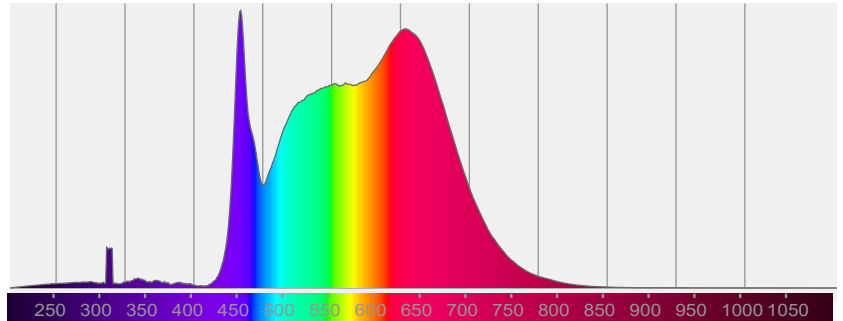
Color Temperature

3967 K

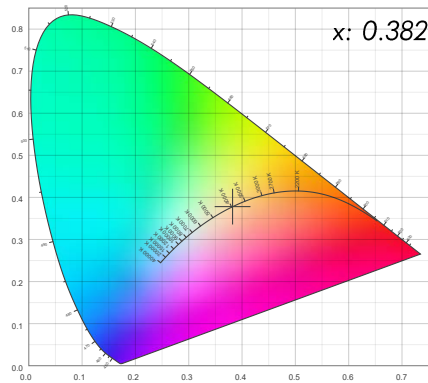
Beam Angle:



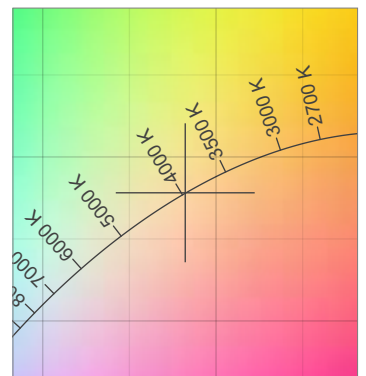
Spectra:



CIE 1931:

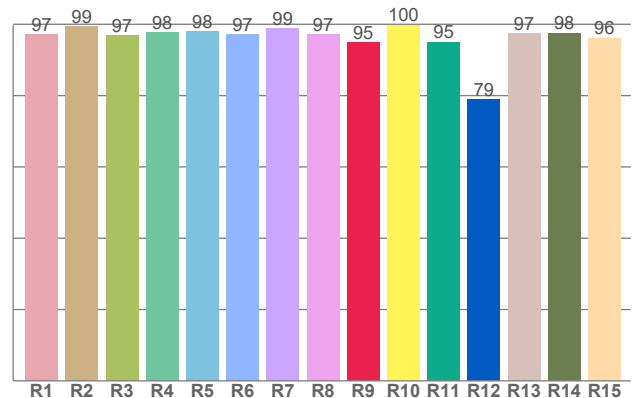
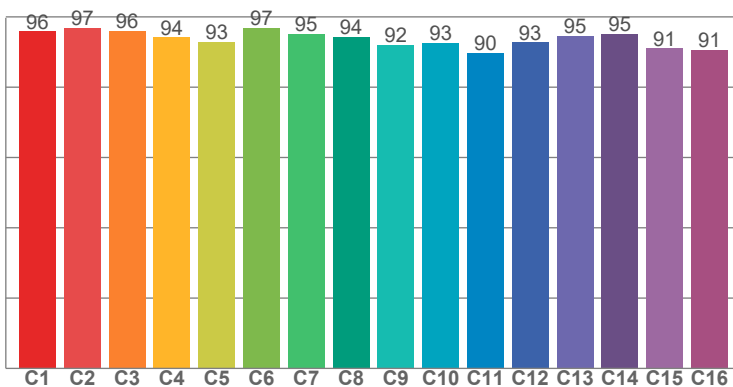


CIE 1931 Zoom:



TM30: 93.7

CRI: 97.8 97.2



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DMP_41k

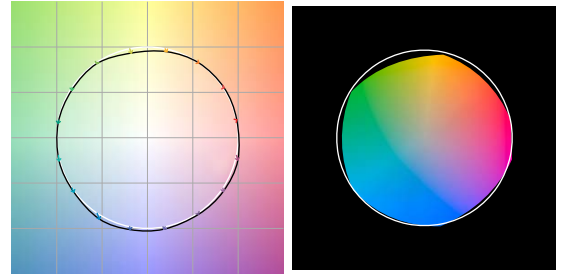


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.2	99.4	96.8	97.7	98.0	97.1	98.8	97.2	94.9	99.8	95.0	78.9	97.5	97.5	96.2

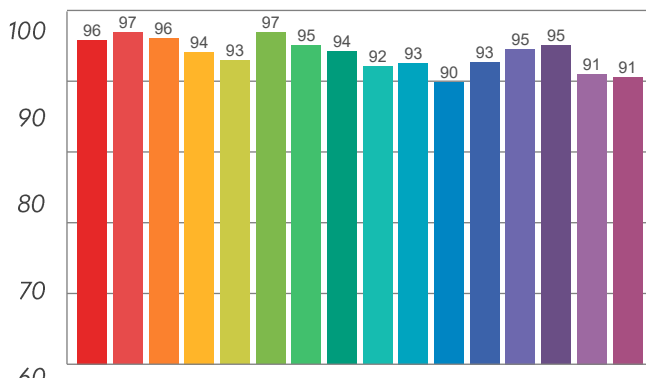
Color Vector



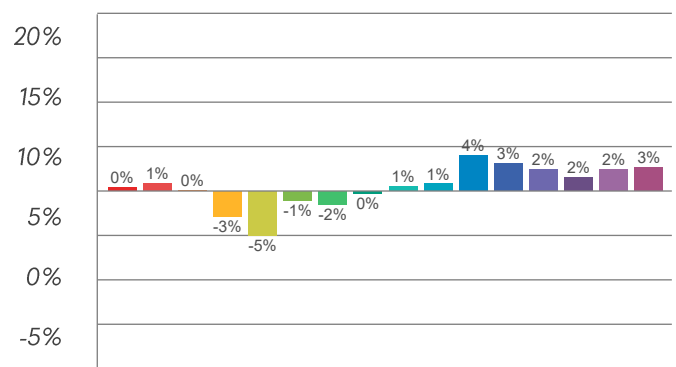
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.8	96.9	96.1	94.1	92.9	96.9	95.0	94.2	92.1	92.6	89.8	92.7	94.6	95.1	91.0	90.6

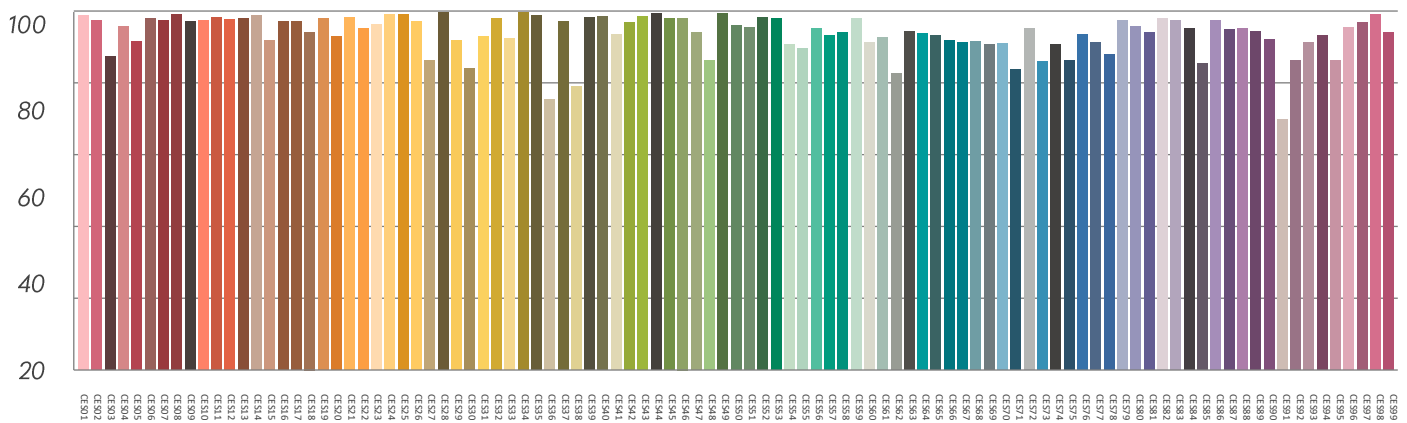
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DRY_22k



Light Efficiency:

112 Lumen/Watt

Output: 129 lm

Light Quality:

CRI: 95.0

Peak: 44.4 cd

Power: 1.2 W

Rg 100.7

Gamut index Rg

Color Temperature

2244 K

PF: 1.0

R9: 96.2

Duv: -0.0004

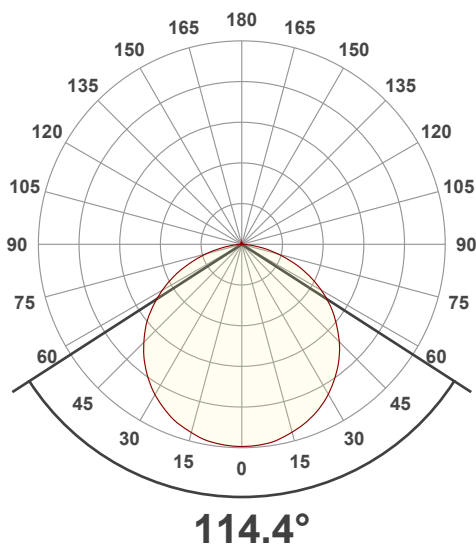
Rf 93.7

Fidelity index Rf

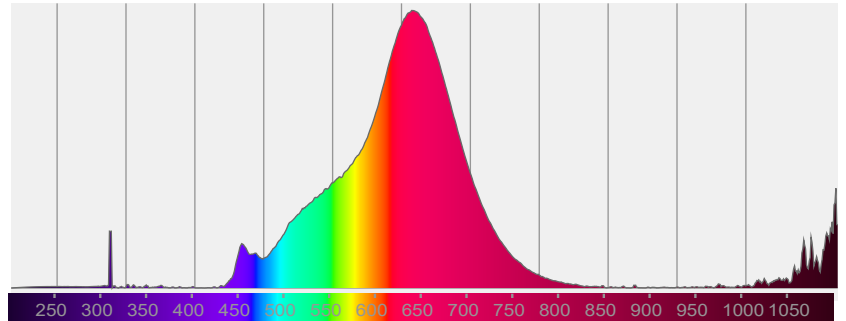
u': 0.287

v': 0.535

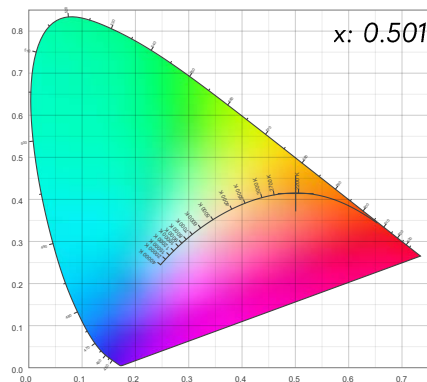
Beam Angle:



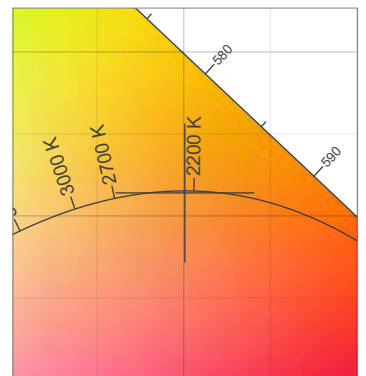
Spectra:



CIE 1931:

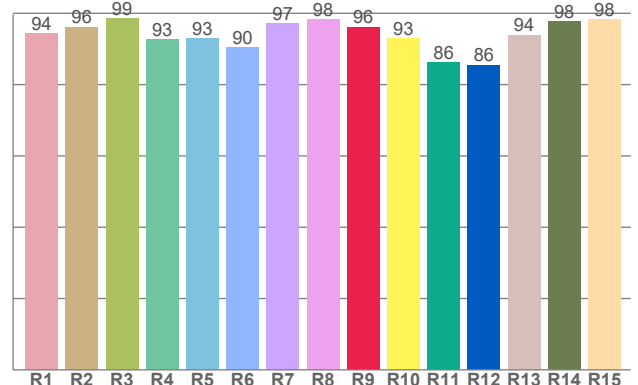
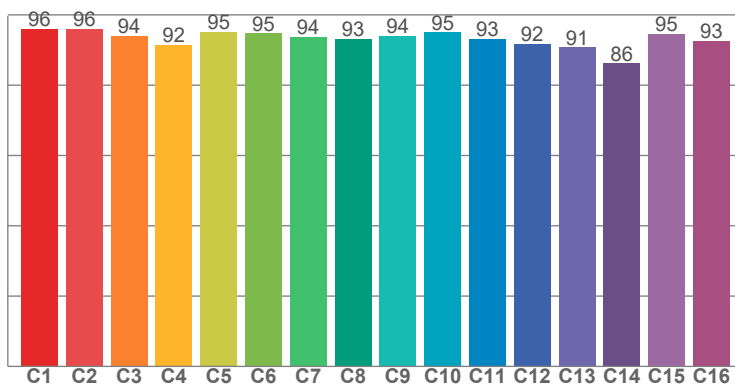


CIE 1931 Zoom:



TM30: 93.7

CRI: 95.0 94.3



SS_WHE_1.0-24_DRY_22k



CRI R values, only R1-R8 are used to calculate final CRI value

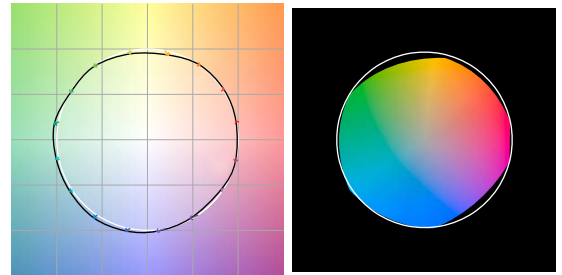
Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.3	96.1	98.6	92.6	93.0	90.4	97.2	98.2	96.2	92.9	86.2	85.5	93.9	97.7	98.2

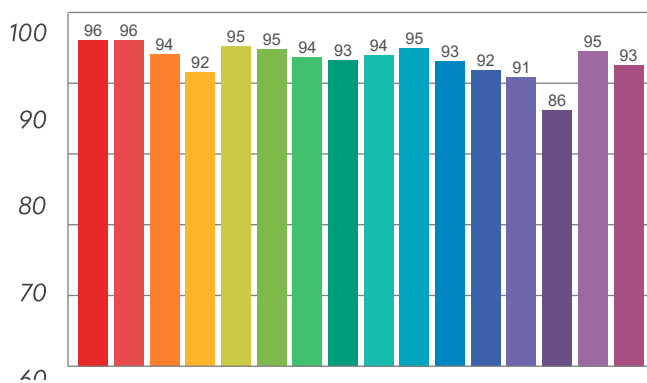
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.1	96.0	94.1	91.5	95.2	94.7	93.7	93.2	94.0	95.0	93.1	91.8	90.8	86.2	94.6	92.6

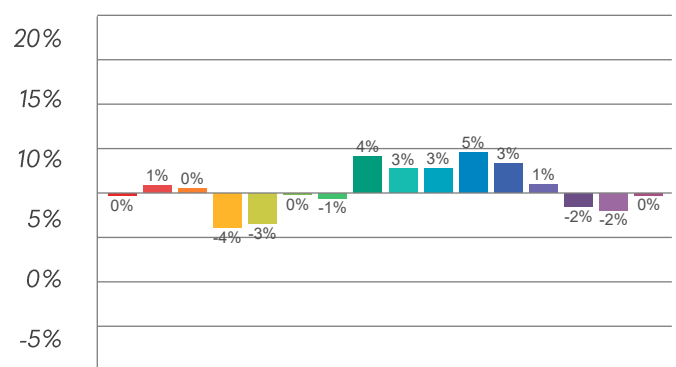
Color Vector



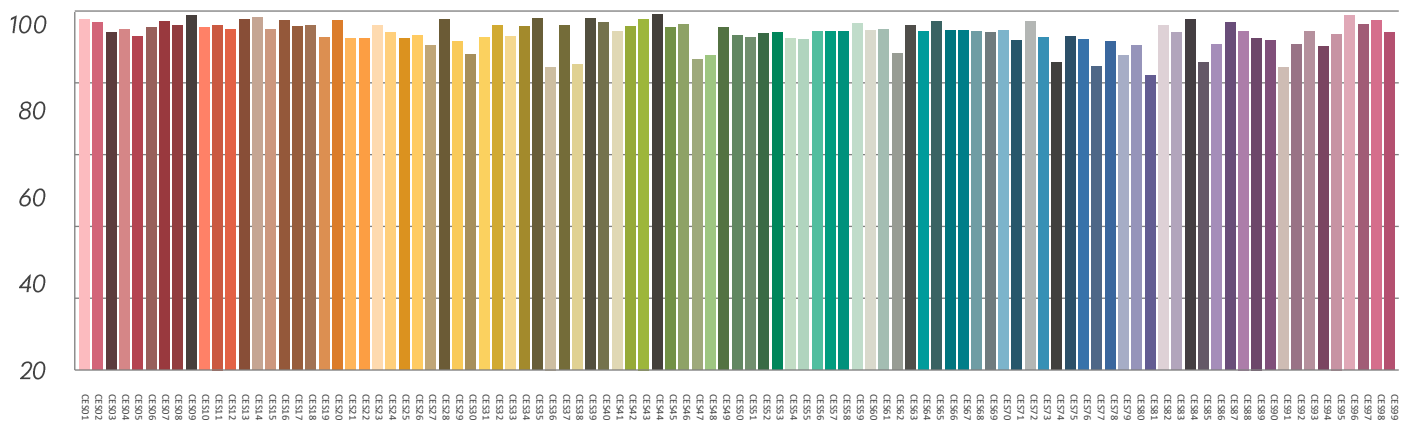
R_f by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DRY_27k



Light Efficiency:

129 Lumen/Watt

Output: 149 lm

Light Quality:

CRI: 97.5

Peak: 50.5 cd

Power: 1.2 W

Rg 101.4

Gamut index Rg

Color Temperature

2773 K

PF: 1.0

R9: 97.1

Rf 95.4

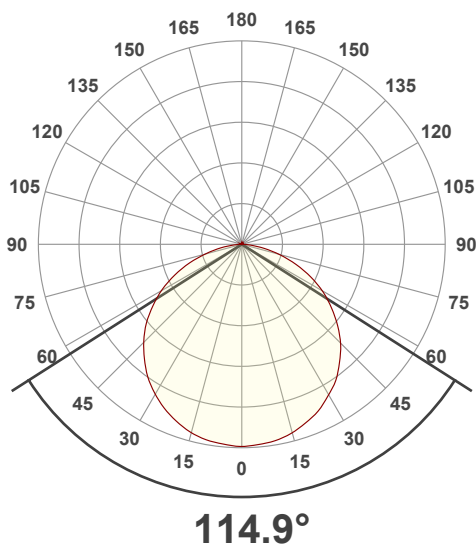
Fidelity index Rf

Duv: -0.0003

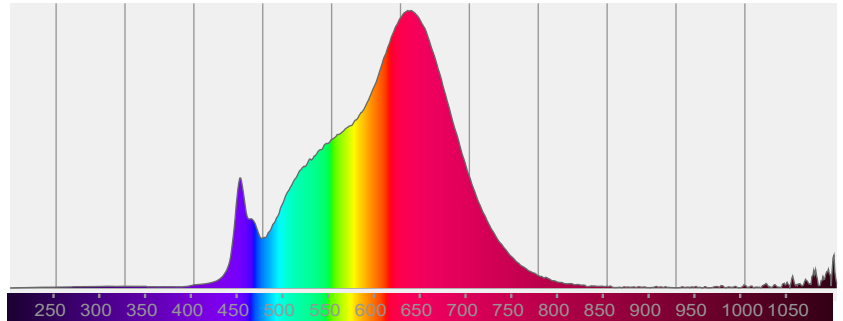
u': 0.260

v': 0.526

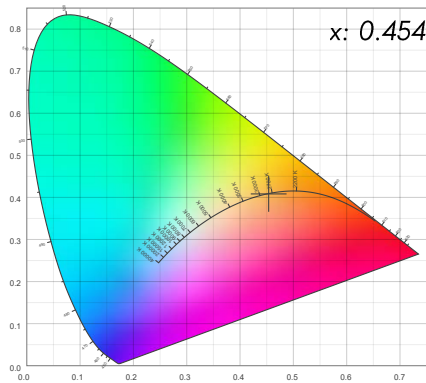
Beam Angle:



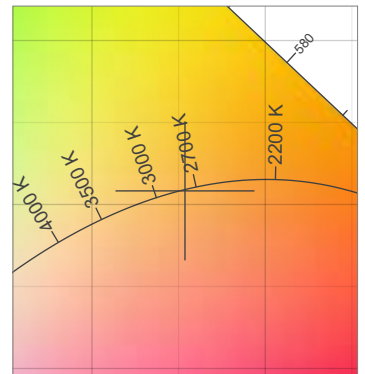
Spectra:



CIE 1931:

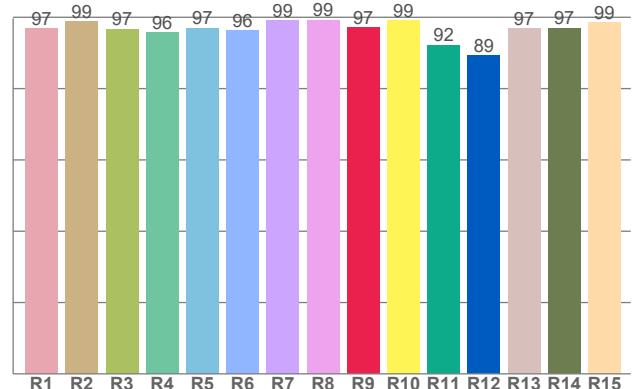
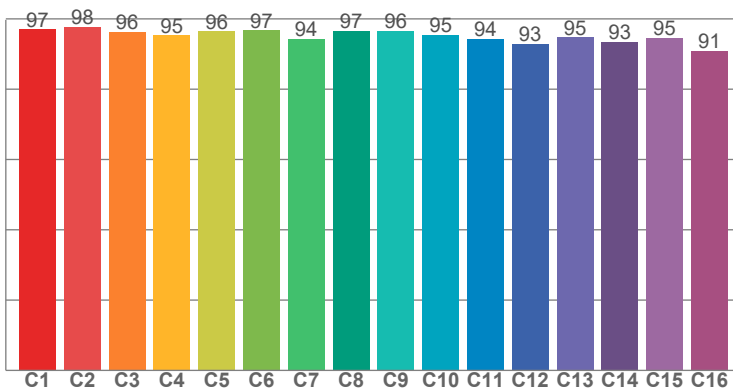


CIE 1931 Zoom:



TM30: 95.4

CRI: 97.5 96.8



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DRY_27k

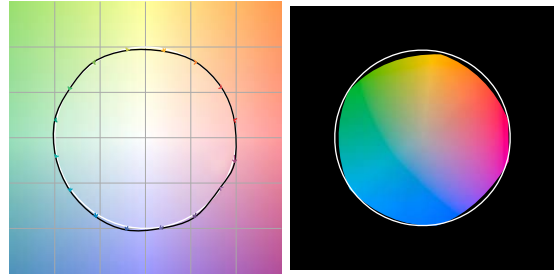


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.8	98.8	96.7	95.8	97.0	96.3	99.1	99.2	97.1	99.0	92.2	89.2	96.9	97.0	98.6

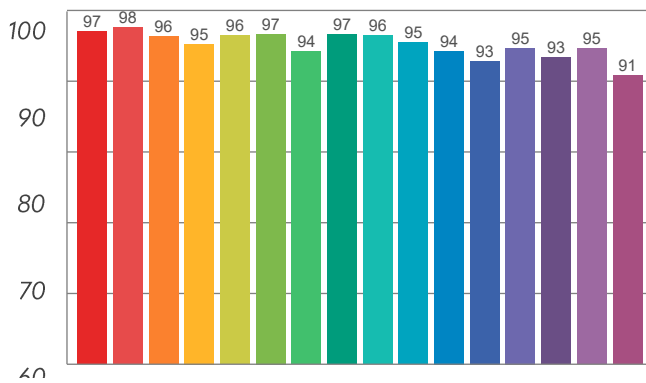
Color Vector



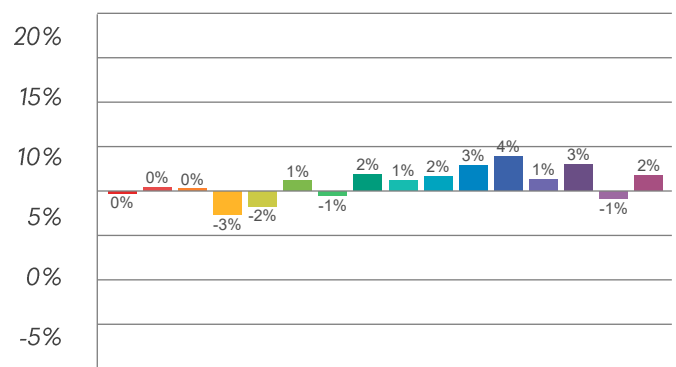
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.0	97.6	96.3	95.3	96.5	96.7	94.2	96.6	96.5	95.5	94.3	92.9	94.7	93.4	94.7	90.8

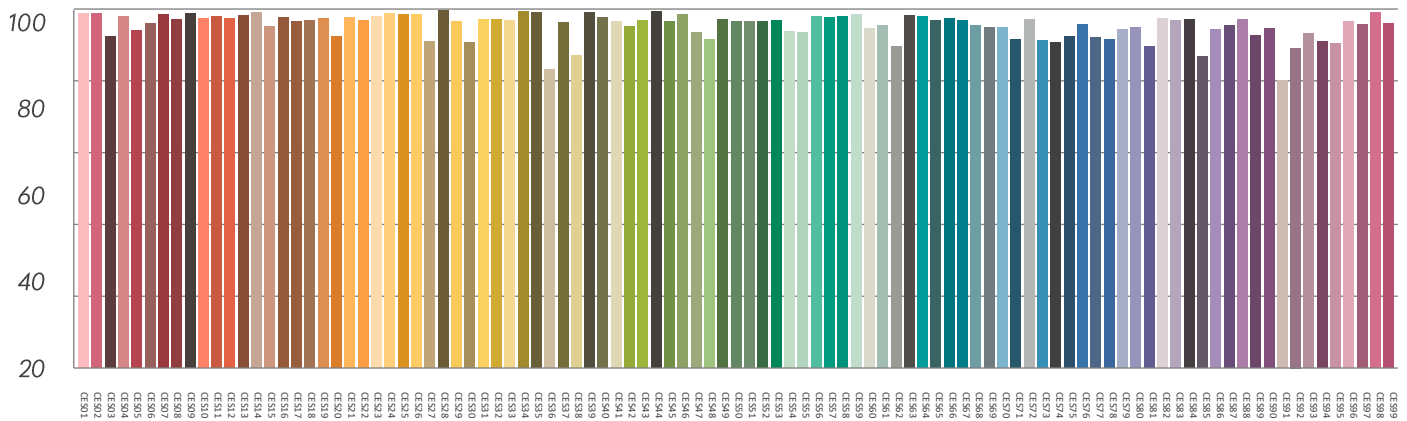
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DRY_30k



Light Efficiency:

117 Lumen/Watt

Output: 136 lm

Light Quality:

CRI: 98.0

Peak: 46.1 cd

Power: 1.2 W

R_g 101.5

Gamut index R_g

Color Temperature

3071 K

PF: 1.0

R₉: 98.8

R_f 94.8

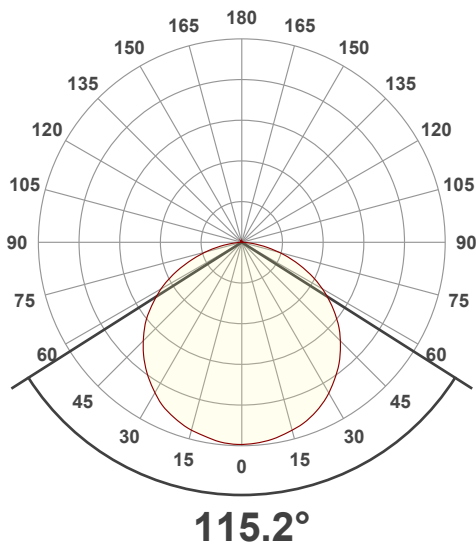
Fidelity index R_f

Duv: -0.0006

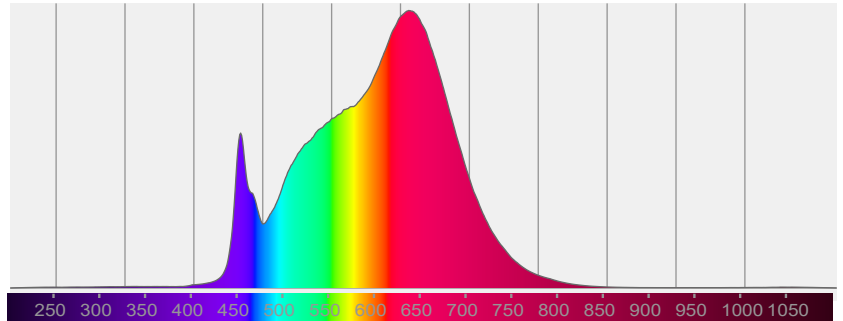
u': 0.248

v': 0.519

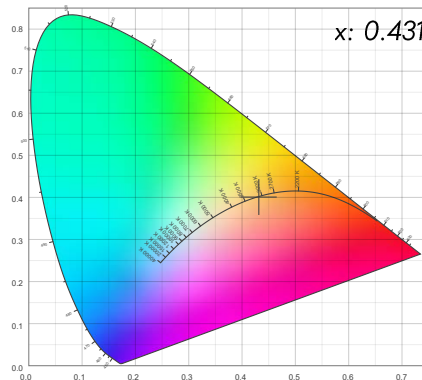
Beam Angle:



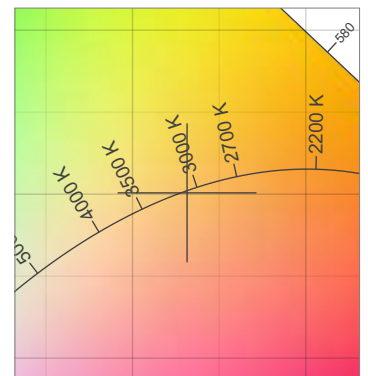
Spectra:



CIE 1931:

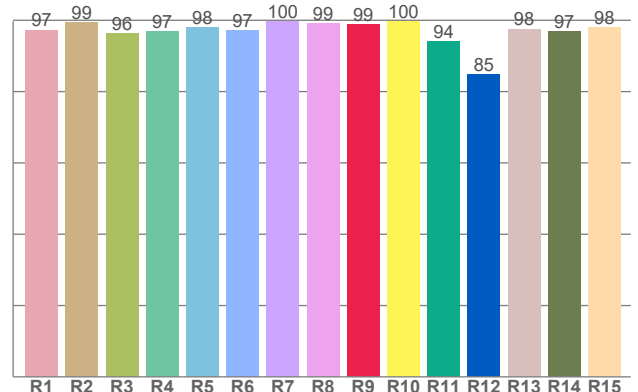
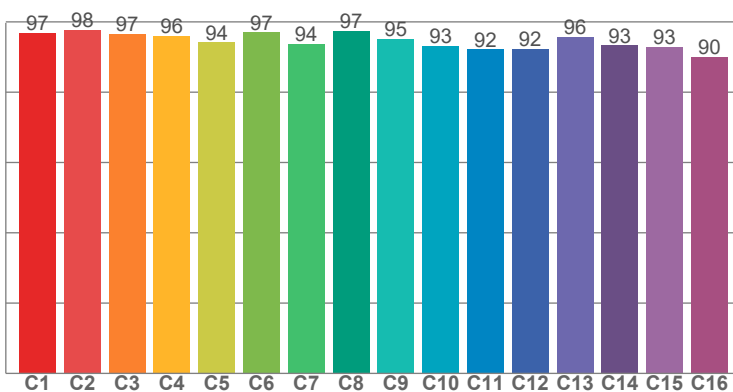


CIE 1931 Zoom:



TM30: 94.8

CRI: 98.0 97.3



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DRY_30k

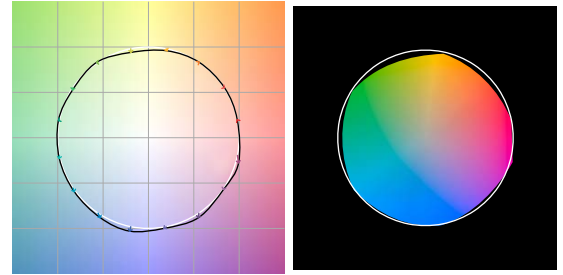


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	99.3	96.3	96.9	98.0	97.2	99.6	99.1	98.8	99.6	94.1	84.8	97.6	96.9	97.9

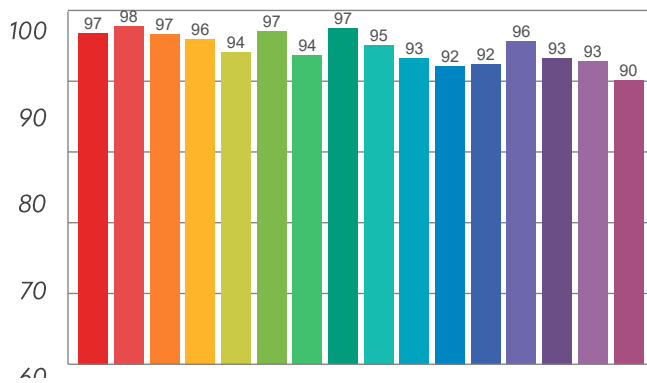
Color Vector



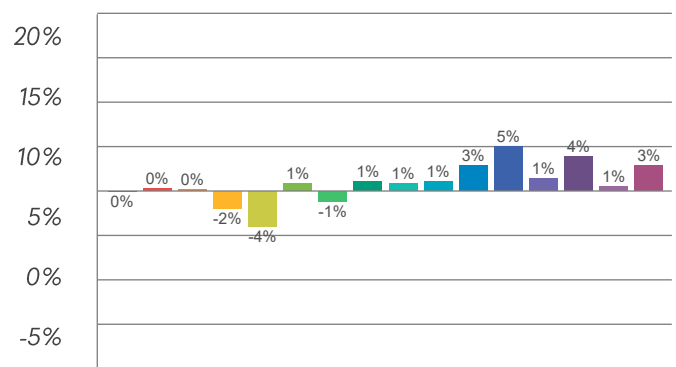
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.8	97.8	96.6	96.0	94.1	97.0	93.6	97.5	95.1	93.2	92.1	92.3	95.6	93.3	92.8	90.1

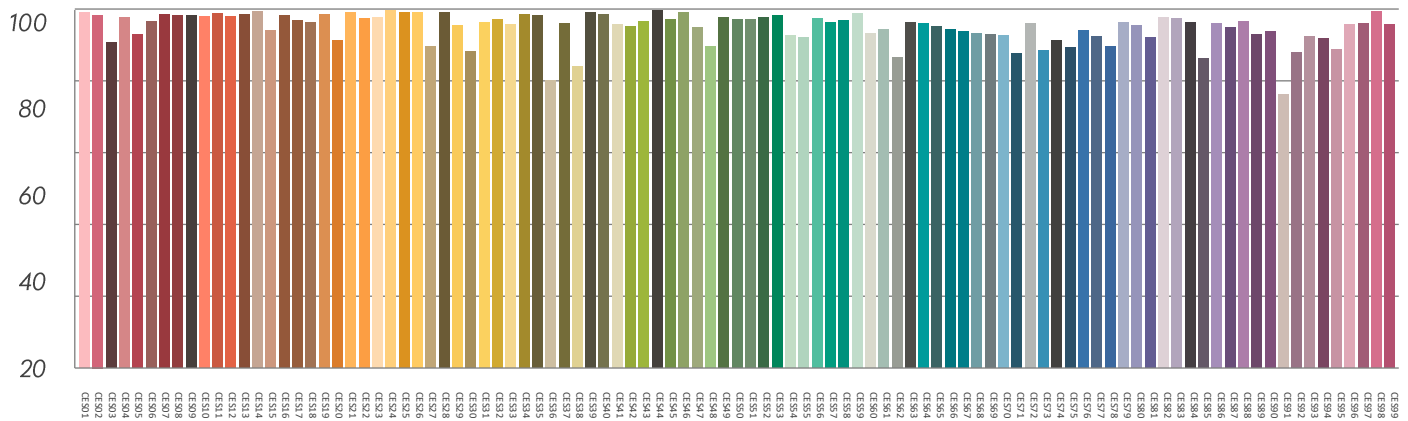
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DRY_35k



Light Efficiency:

119 Lumen/Watt

Output: 130 lm

Light Quality:

CRI: 97.8

Peak: 43.7 cd

Power: 1.1 W

PF: 1.0

R9: 96.6

Duv: 0.0011

u' : 0.235

v' : 0.512

Rg 100.2

Gamut index Rg

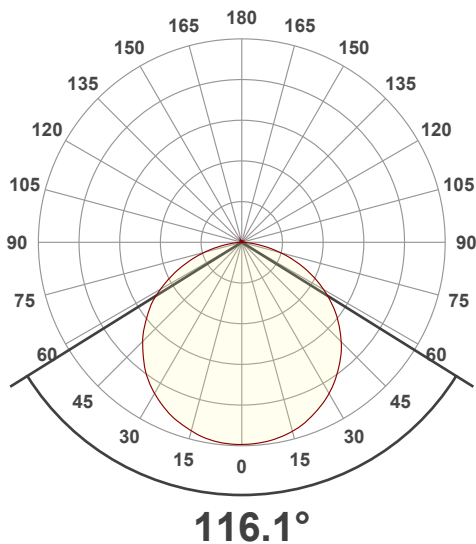
Rf 93.9

Fidelity index Rf

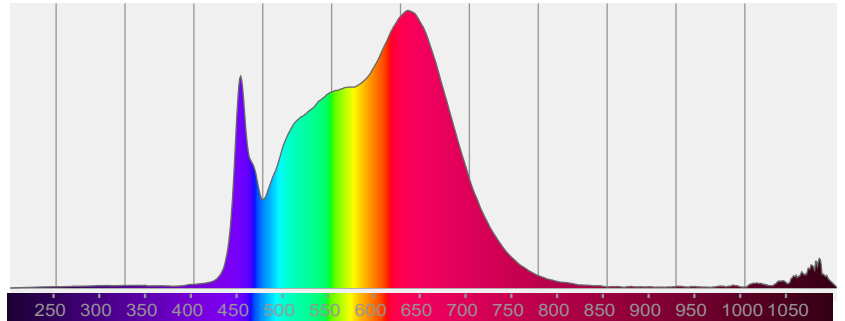
Color Temperature

3520 K

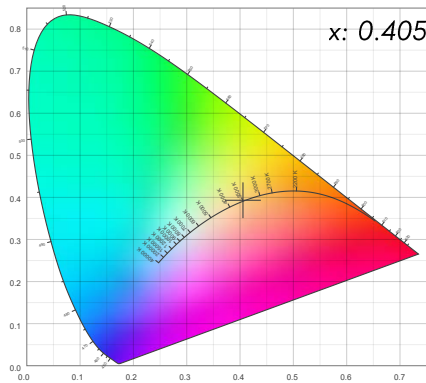
Beam Angle:



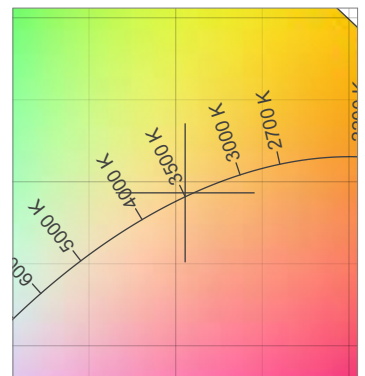
Spectra:



CIE 1931:

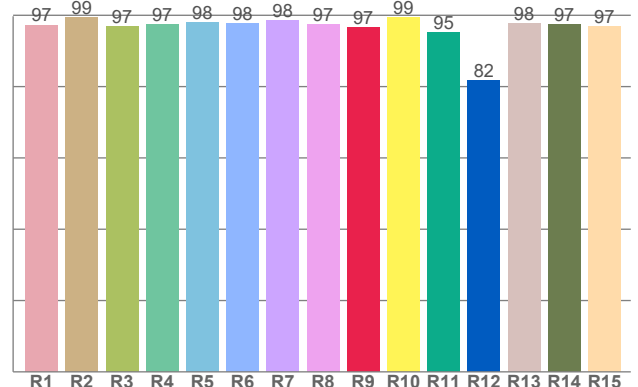
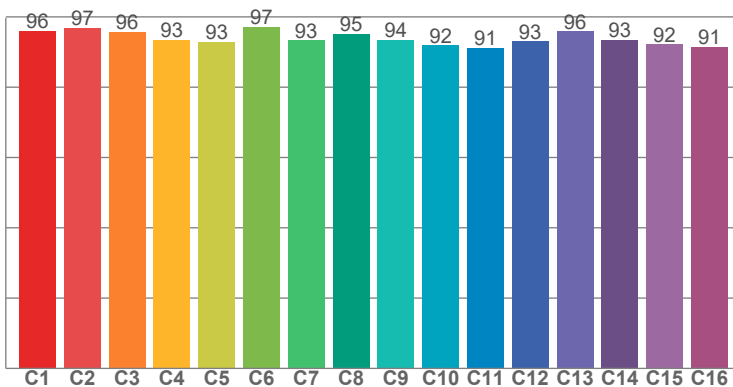


CIE 1931 Zoom:



TM30: 93.9

CRI: 97.8 97.3



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DRY_35k

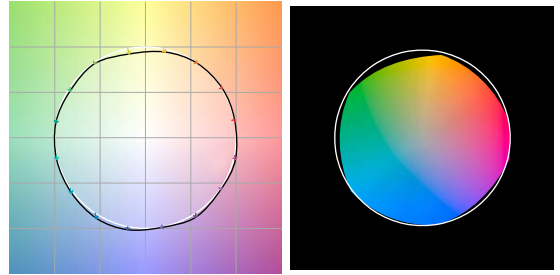


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	99.3	96.8	97.4	98.0	97.7	98.5	97.4	96.6	99.4	95.1	81.8	97.6	97.5	96.9

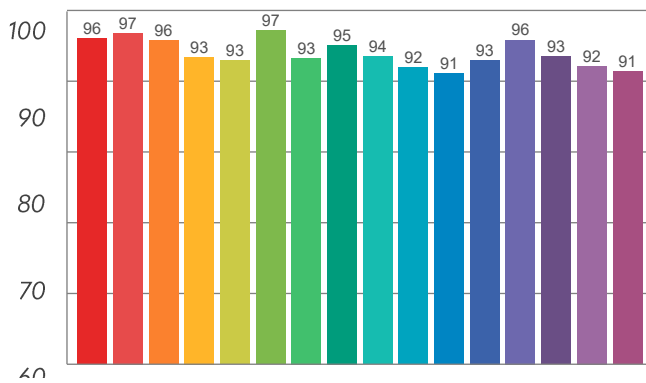
Color Vector



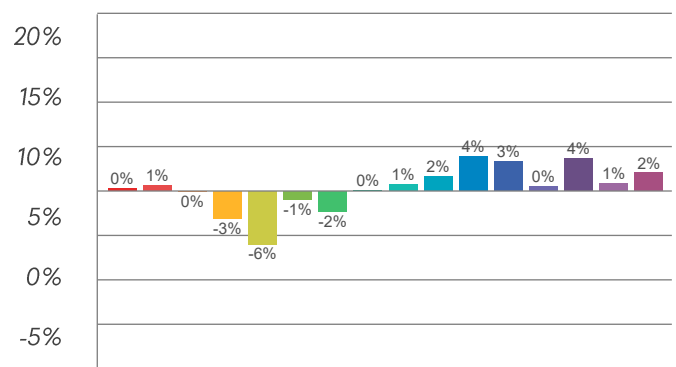
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.0	96.8	95.7	93.4	92.9	97.2	93.3	95.1	93.5	91.9	91.1	93.0	95.9	93.5	92.1	91.4

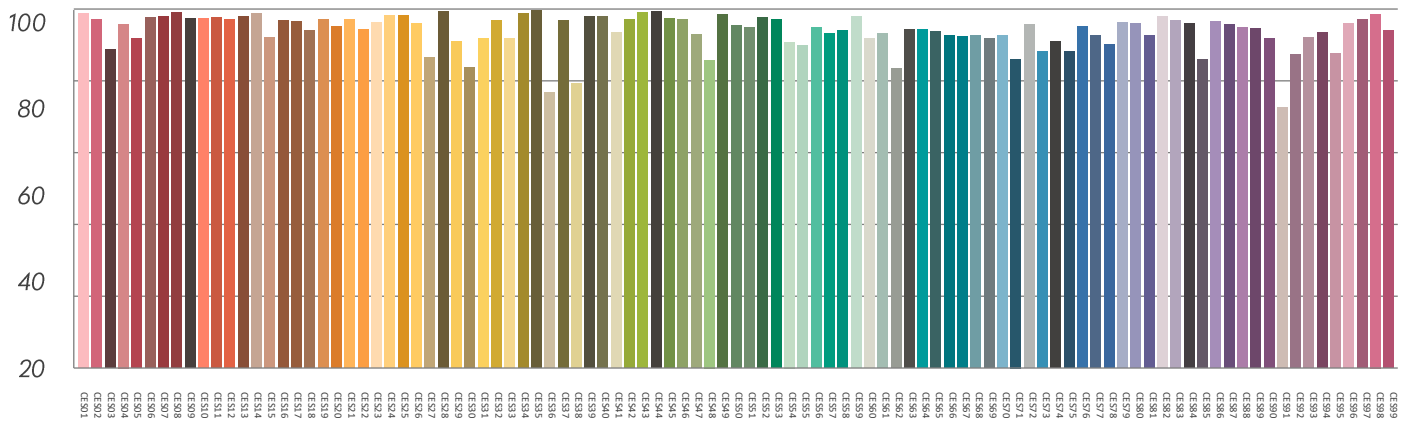
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DRY_41k



Light Efficiency:

120 Lumen/Watt

Output: 146 lm

Light Quality:

CRI: 98.3

Peak: 49.1 cd

Power: 1.2 W

PF: 1.0

R9: 97.9

Duv: 0.0007

u': 0.225

v': 0.502

Rg 100.4

Gamut index Rg

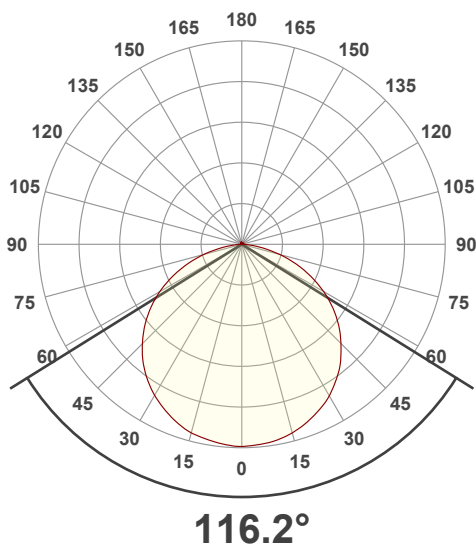
Rf 93.7

Fidelity index Rf

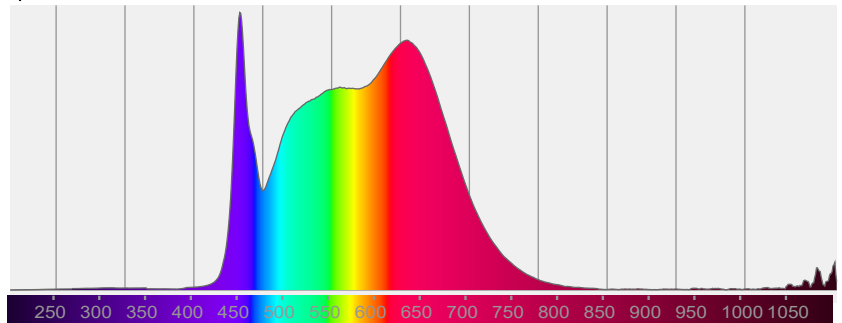
Color Temperature

4015 K

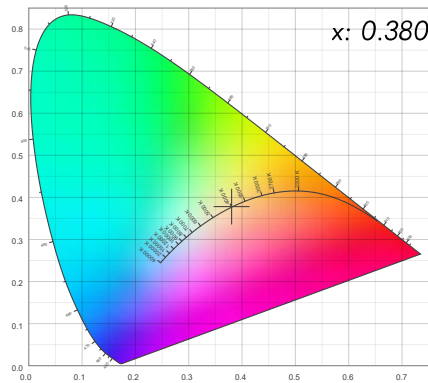
Beam Angle:



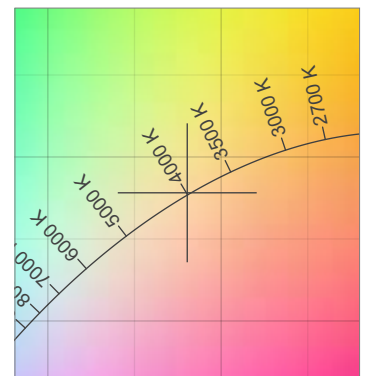
Spectra:



CIE 1931:

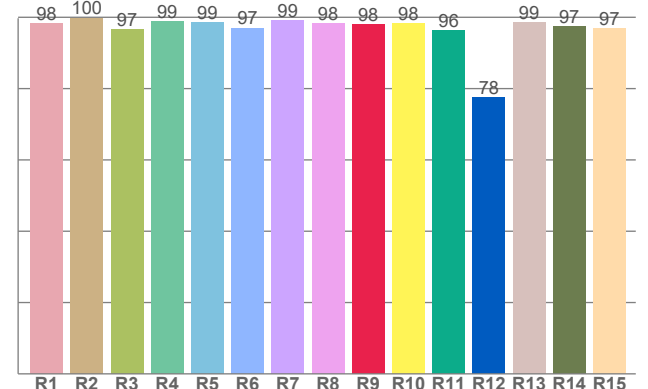
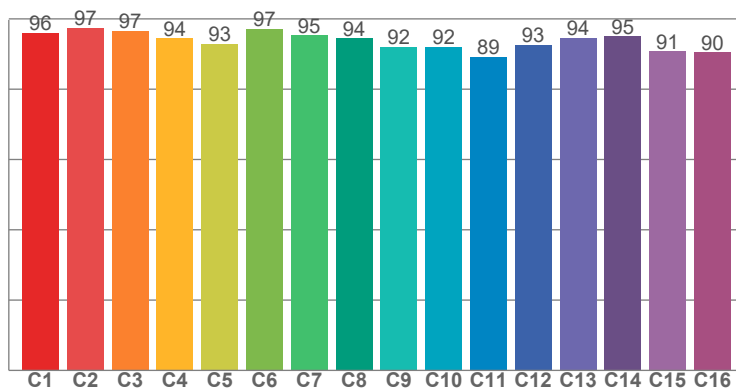


CIE 1931 Zoom:



TM30: 93.7

CRI: 98.3 98.3



RESOURCE – PHOTOMETRICS

SS_WHE_1.0-24_DRY_41k

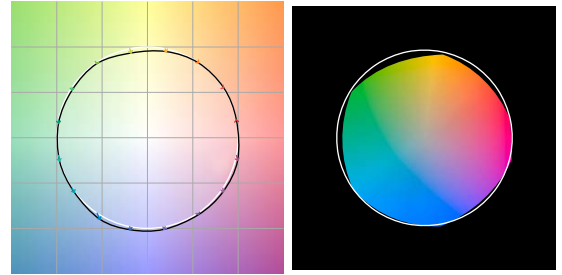


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.8	96.5	98.9	98.6	97.0	99.1	98.2	97.9	98.3	96.3	77.6	98.6	97.5	96.9

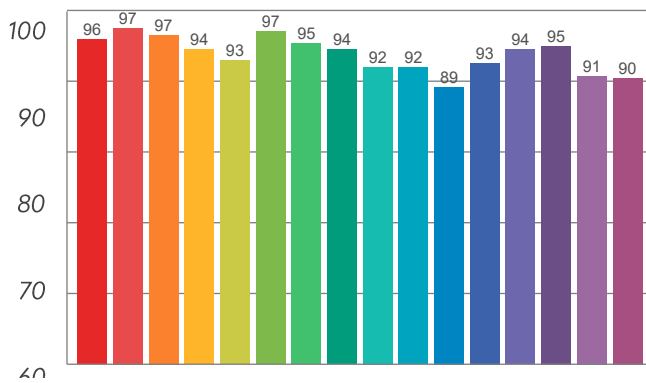
Color Vector



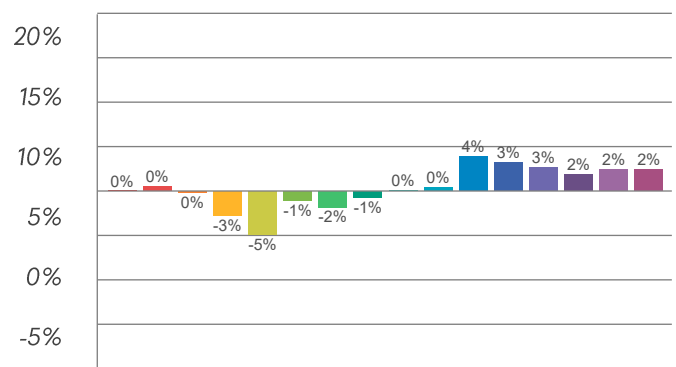
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.9	97.5	96.5	94.4	92.9	97.0	95.3	94.5	92.0	92.0	89.2	92.6	94.5	95.0	90.7	90.5

Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample

