

RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_22k



Light Efficiency:



Output: 376 lm

Light Quality:

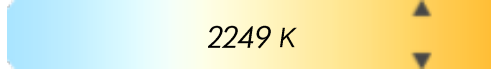


Peak: 134 cd

Power: 4.8 W

PF: 1.0

Color Temperature



R9: 93.9

Duv: -0.0005

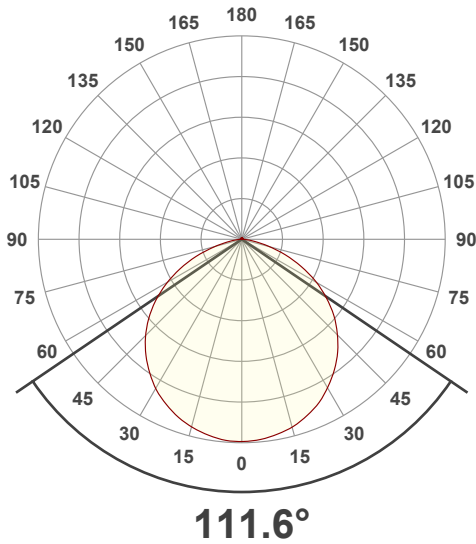
u': 0.287

v': 0.535

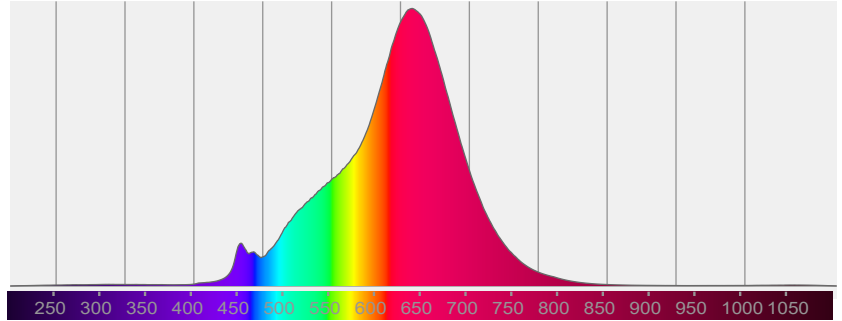
Rg 101.1
Gamut index Rg

Rf 94.6
Fidelity index Rf

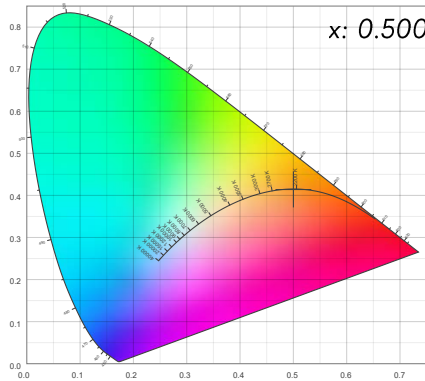
Beam Angle:



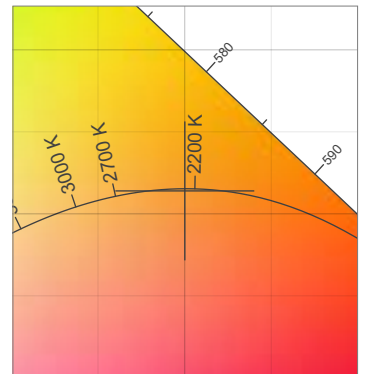
Spectra:



CIE 1931:

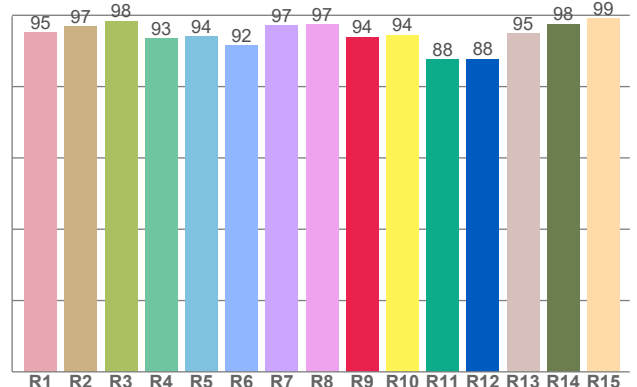
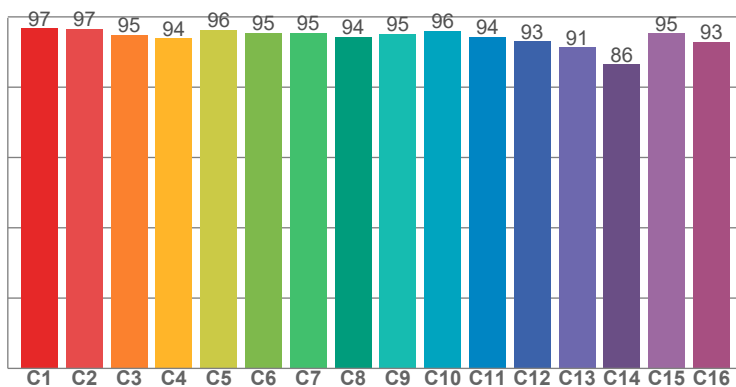


CIE 1931 Zoom:



TM30: 94.6

CRI: 95.5 95.2



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_22k



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

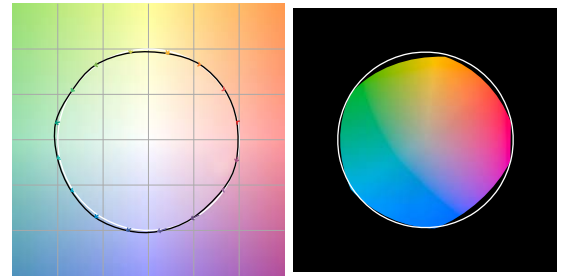
Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.2	96.8	98.4	93.5	94.1	91.6	97.1	97.4	93.9	94.5	87.5	87.7	94.8	97.5	99.0

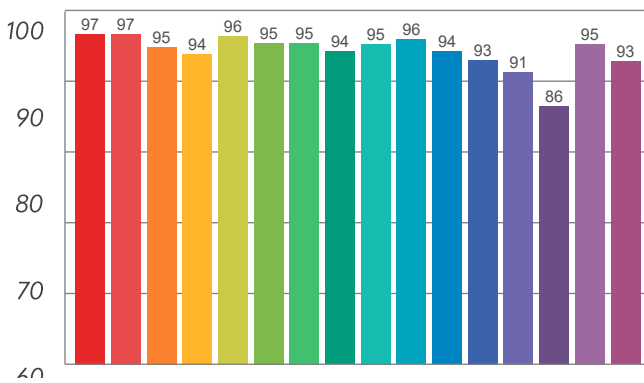
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.7	96.7	94.8	93.8	96.3	95.4	95.4	94.2	95.2	95.9	94.2	93.0	91.3	86.5	95.3	92.8

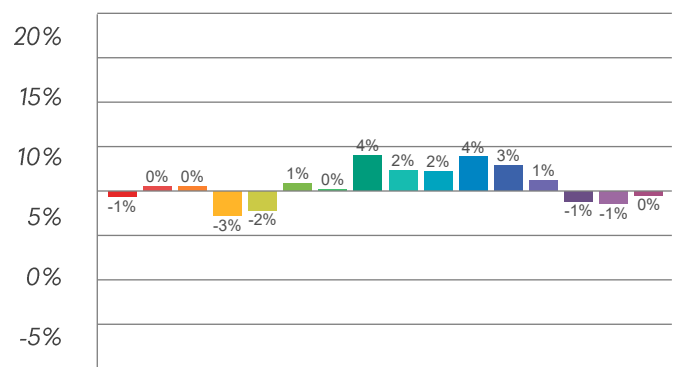
Color Vector



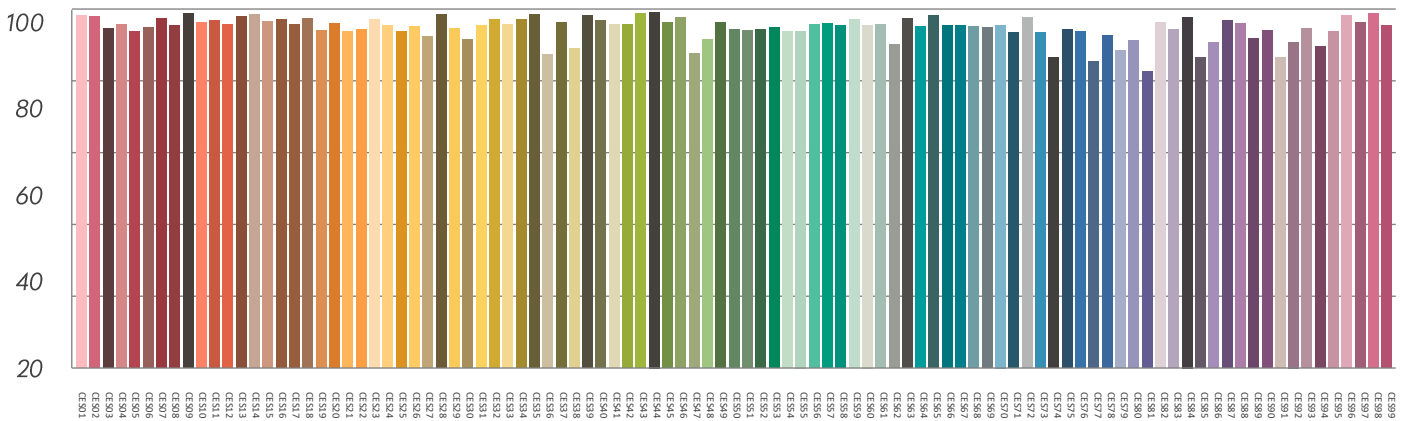
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_25k



Light Efficiency:



Output: 496 lm

Light Quality:



Peak: 179 cd

Power: 4.8 W

PF: 1.0

R9: 92.1

Duv: -0.0009

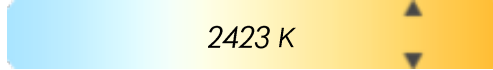
u': 0.277

v': 0.531

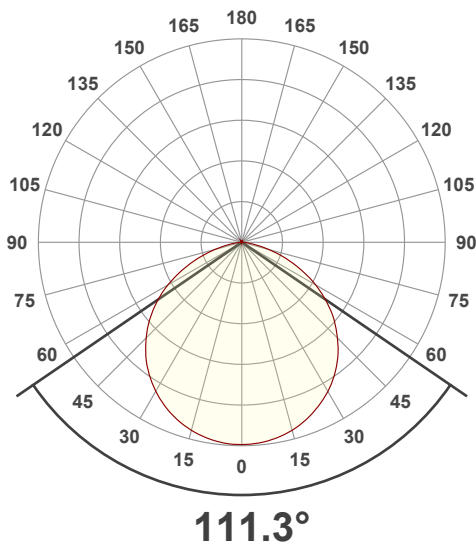
Rg 101.5
Gamut index Rg

Rf 95.2
Fidelity index Rf

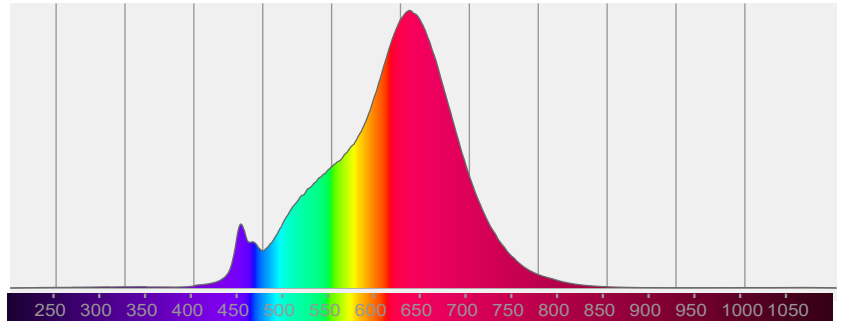
Color Temperature



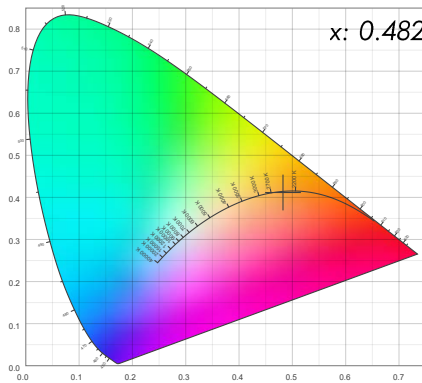
Beam Angle:



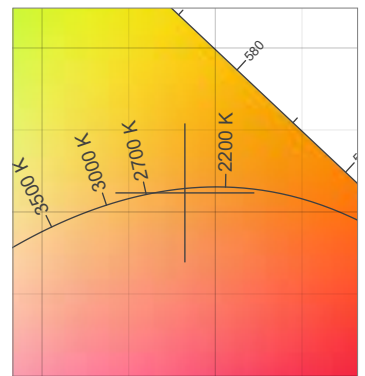
Spectra:



CIE 1931:

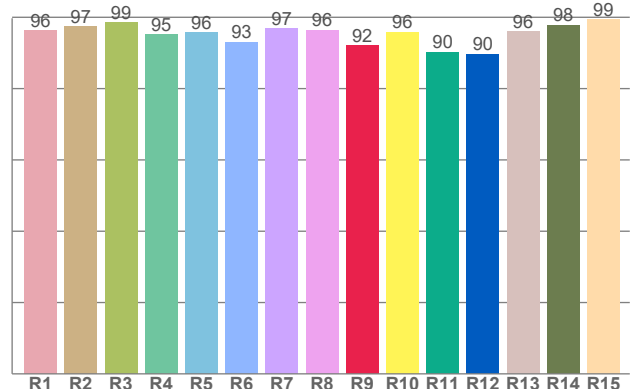
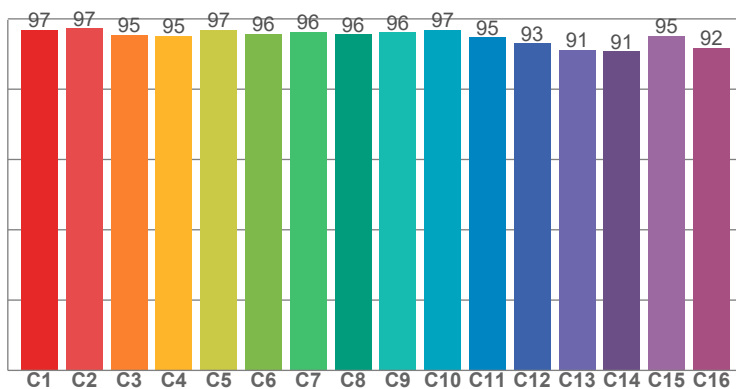


CIE 1931 Zoom:



TM30: 95.2

CRI: 96.2 96.3



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_25k



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

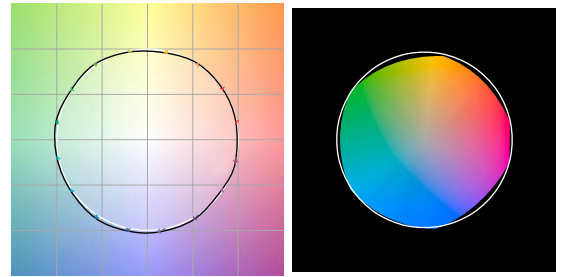
Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.3	97.5	98.6	95.2	95.6	93.1	96.9	96.4	92.1	95.9	90.3	89.7	96.0	97.8	99.3

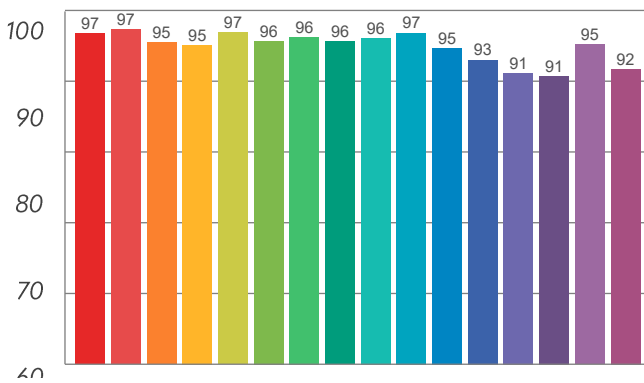
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.8	97.3	95.5	95.1	96.9	95.7	96.2	95.6	96.1	96.8	94.7	93.0	91.2	90.7	95.2	91.7

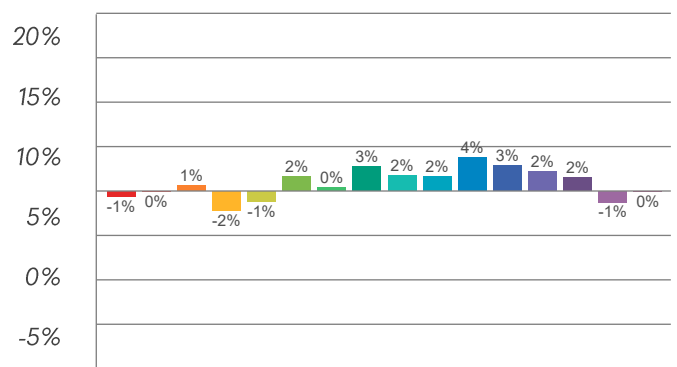
Color Vector



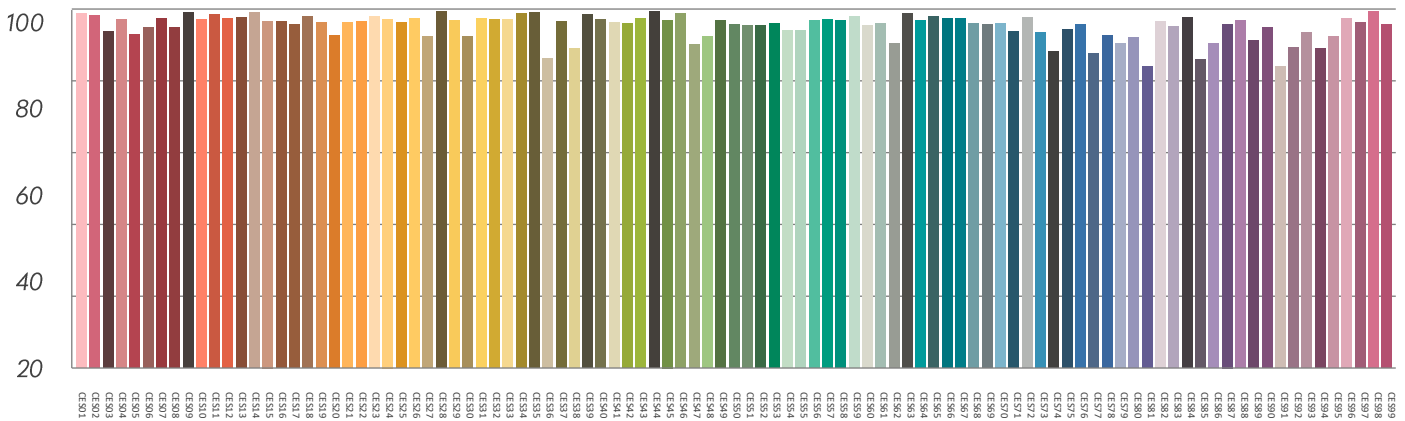
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_27k



Light Efficiency:

111 Lumen/Watt

Output: 528 lm

Light Quality:

CRI: 97.4

Peak: 189 cd

Power: 4.8 W

PF: 1.0

R9: 95.5

Duv: -0.0001

u': 0.262

v': 0.527

Rg 101.2

Gamut index Rg

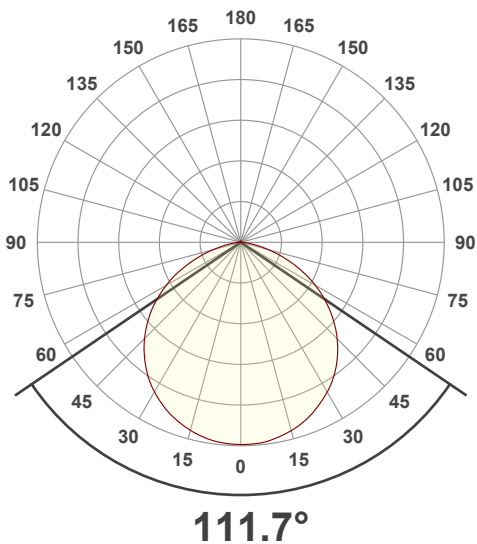
Rf 95.4

Fidelity index Rf

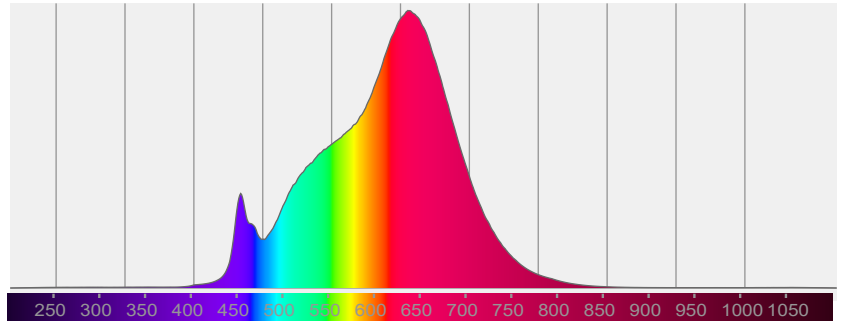
Color Temperature

2718 K

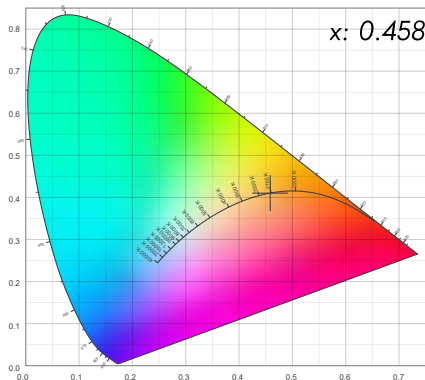
Beam Angle:



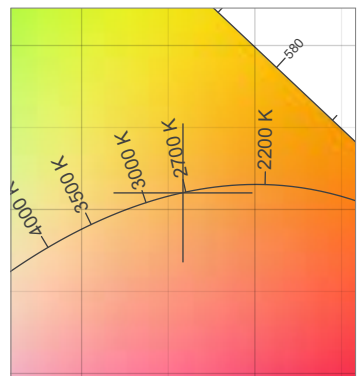
Spectra:



CIE 1931:

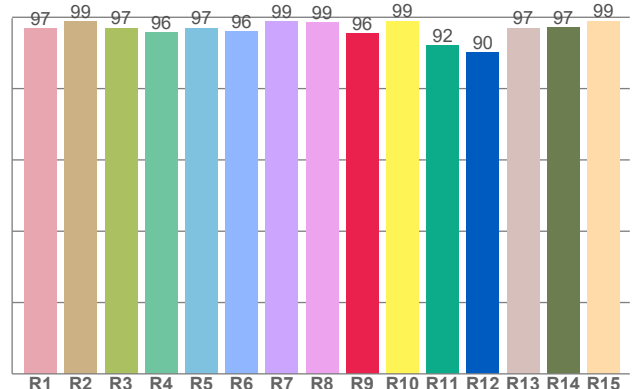
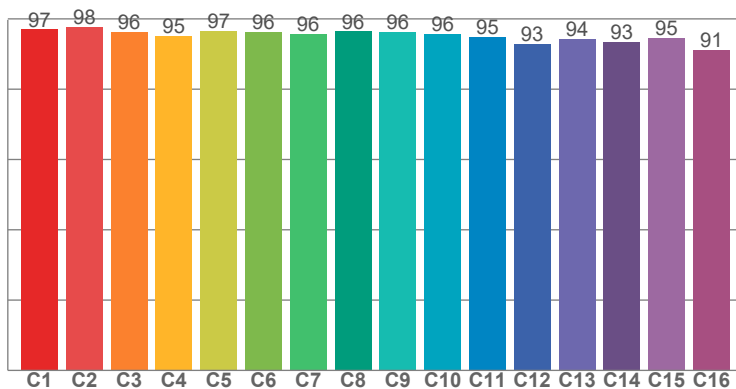


CIE 1931 Zoom:



TM30: 95.4

CRI: 97.4 96.9



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_27k



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

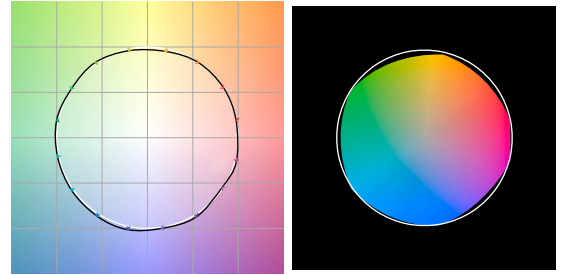
Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.9	98.8	97.0	95.8	97.0	96.1	98.8	98.6	95.5	98.9	92.1	90.1	97.0	97.1	99.0

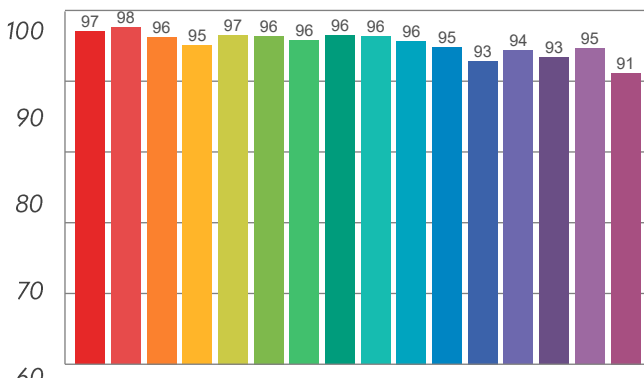
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.0	97.6	96.2	95.1	96.5	96.4	95.8	96.4	96.4	95.7	94.8	92.8	94.3	93.4	94.6	91.2

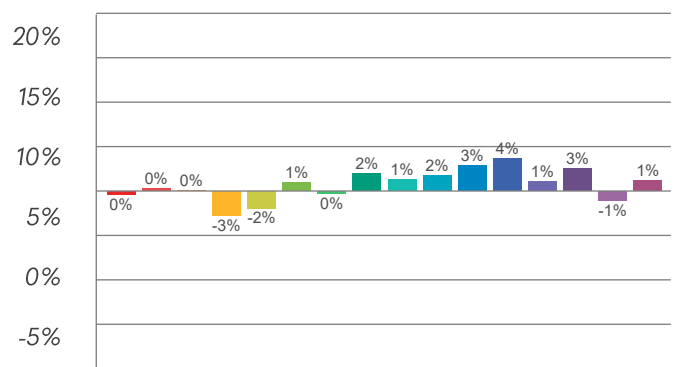
Color Vector



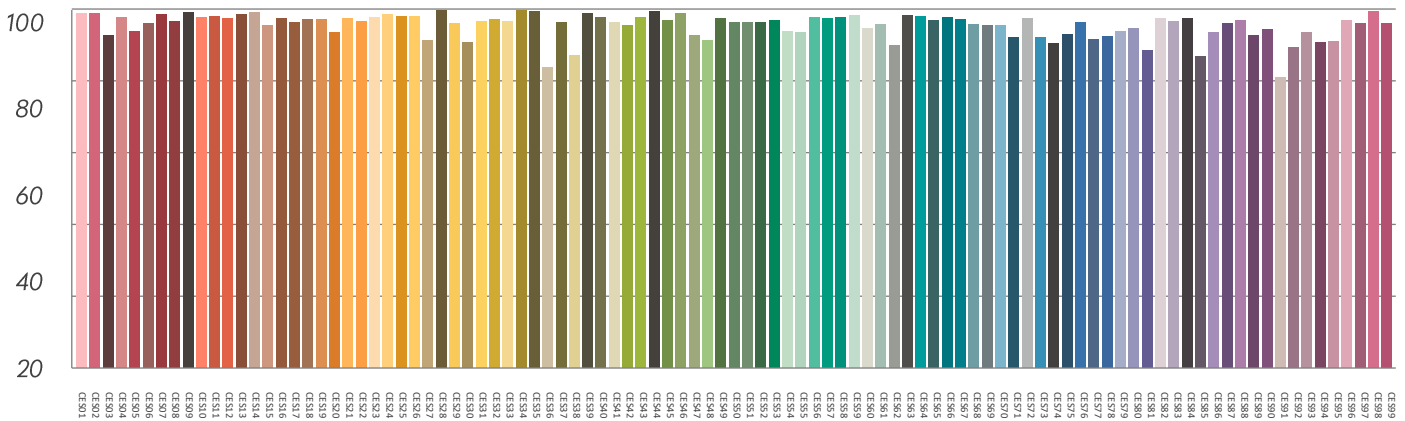
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_30k



Light Efficiency:



Output: 538 lm

Light Quality:



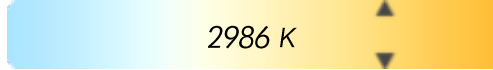
Peak: 196 cd

Power: 4.8 W

PF: 1.0



Color Temperature



R9: 96.9

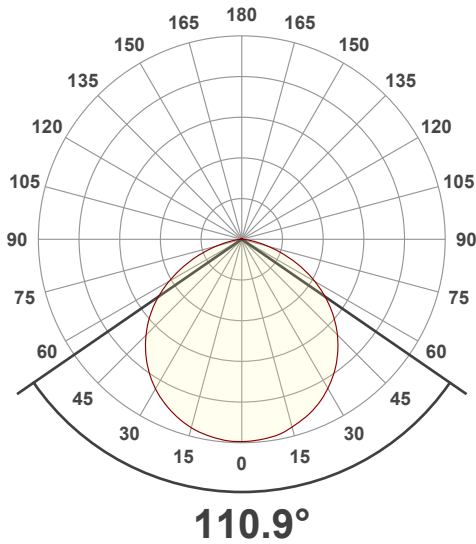
Duv: -0.0010

u': 0.252

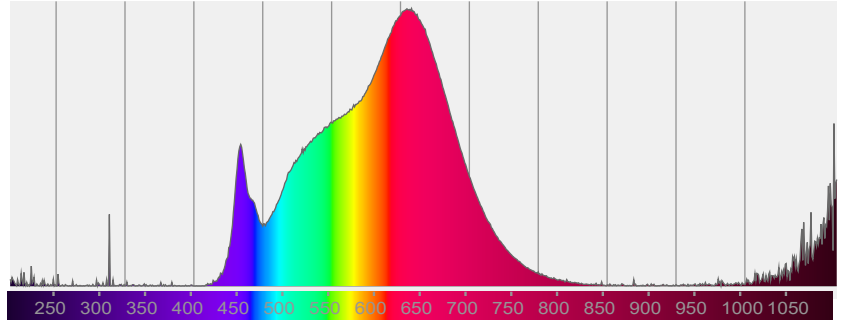
v': 0.520



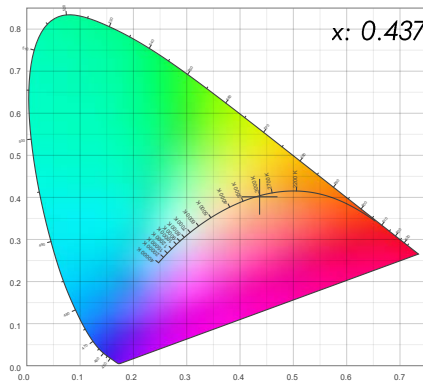
Beam Angle:



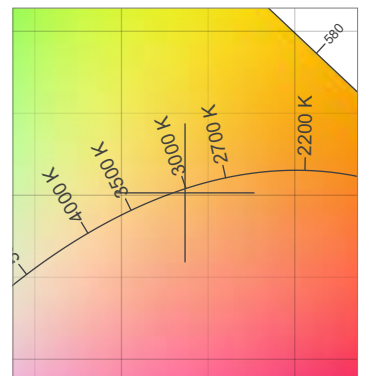
Spectra:



CIE 1931:

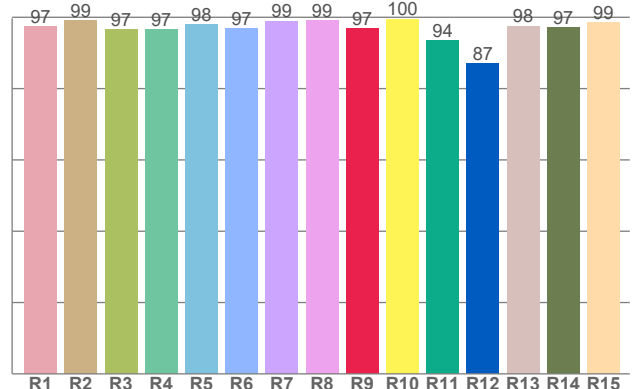
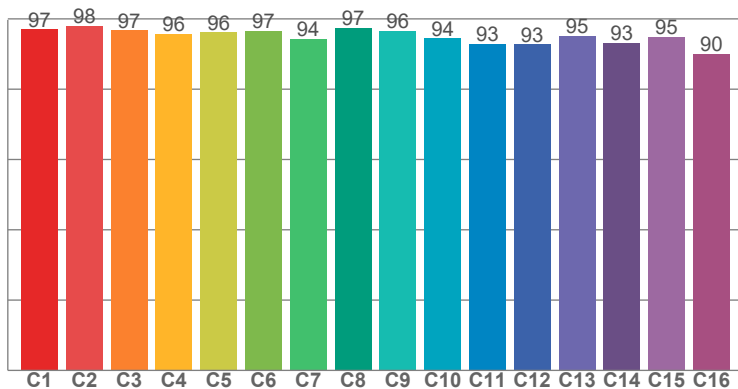


CIE 1931 Zoom:



TM30: 95.3

CRI: 97.8 97.4



Nova Flex retains the right to modify the design of our products at any time as part of the company's continual product improvement program

RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_30k



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

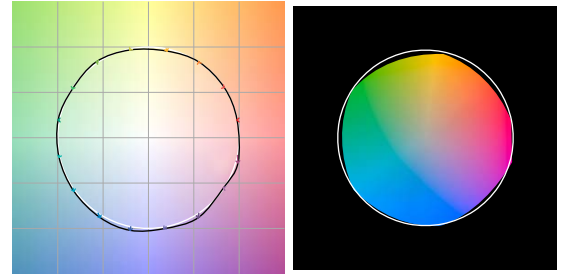
Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	99.1	96.6	96.7	97.9	96.9	99.0	99.1	96.9	99.6	93.6	87.0	97.5	97.0	98.6

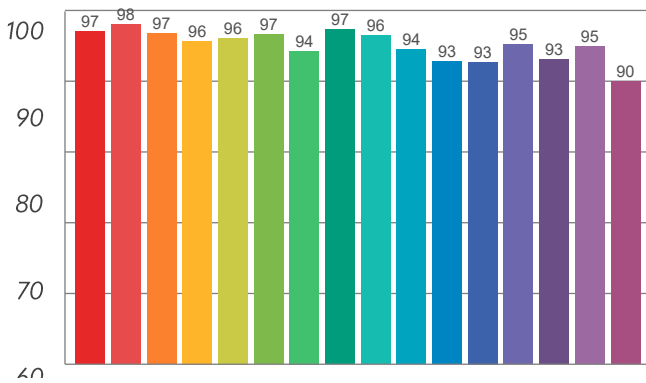
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.0	98.0	96.7	95.7	96.1	96.6	94.3	97.3	96.5	94.5	92.8	92.7	95.2	93.1	94.9	90.0

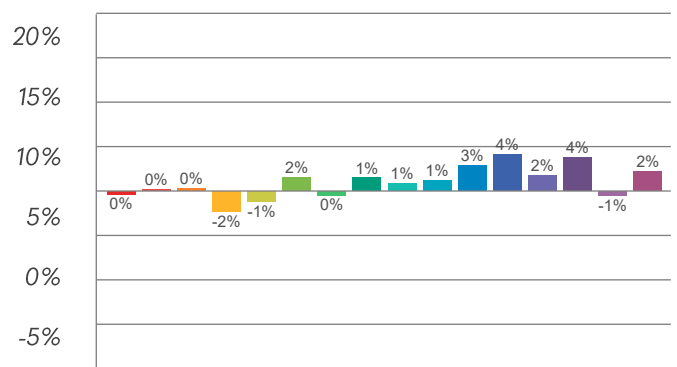
Color Vector



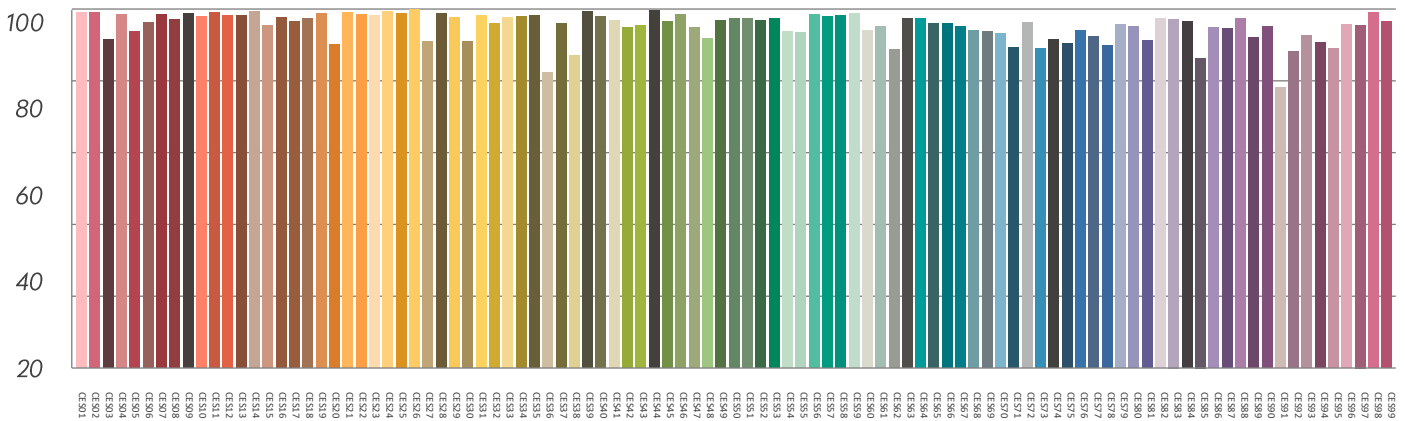
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_35k



Light Efficiency:

120 Lumen/Watt

Output: 570 lm

Light Quality:

CRI: 98.0

Peak: 204 cd

Power: 4.8 W

PF: 1.0

Color Temperature

3439 K

R9: 98.8

Duv: 0.0011

u': 0.237

v': 0.514

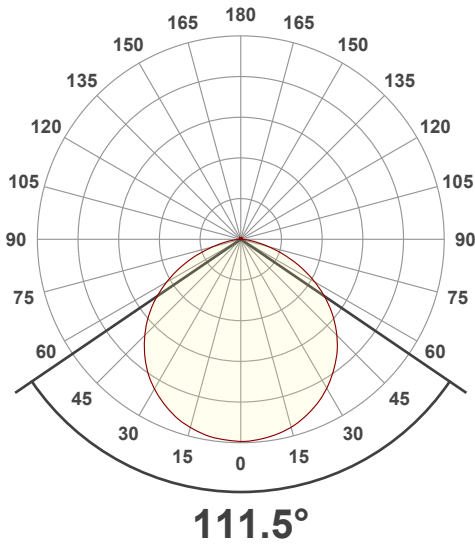
Rg 100.7

Gamut index Rg

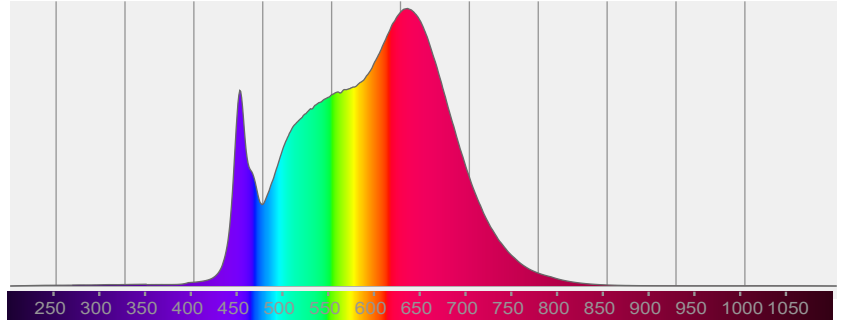
Rf 94.6

Fidelity index Rf

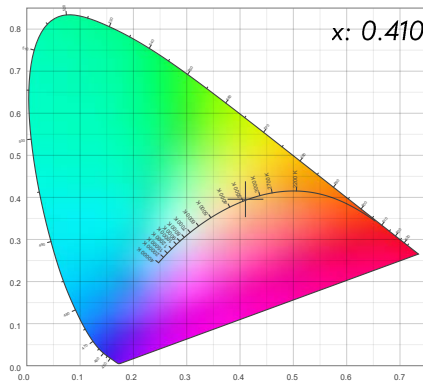
Beam Angle:



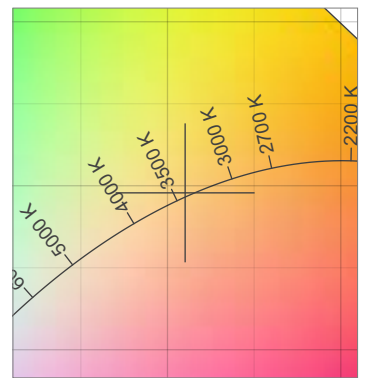
Spectra:



CIE 1931:

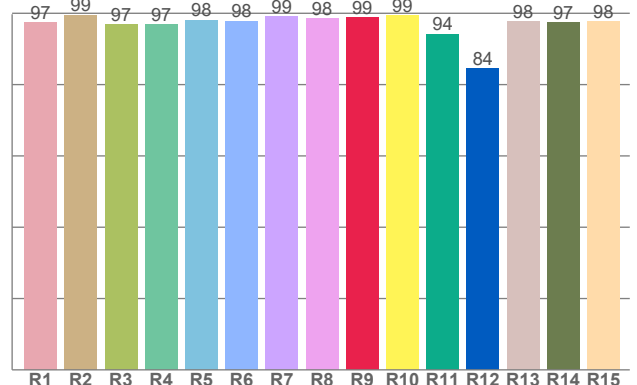
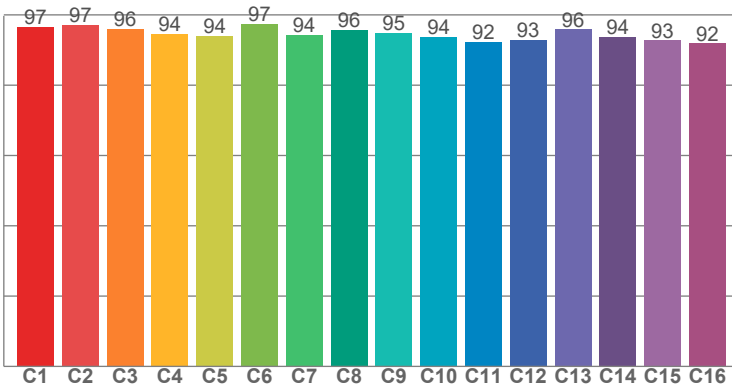


CIE 1931 Zoom:



TM30: 94.6

CRI: 98.0 97.4



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_35k

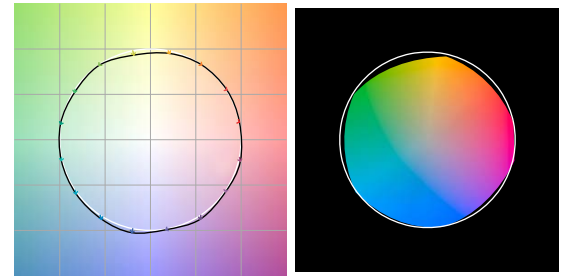


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	99.5	96.8	96.9	98.2	97.8	99.1	98.4	98.8	99.4	94.2	84.5	97.8	97.4	97.8

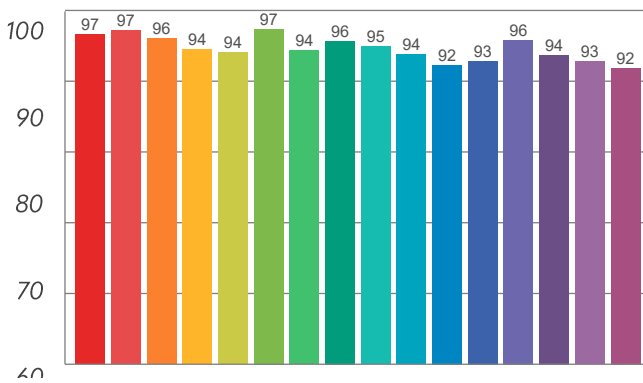
Color Vector



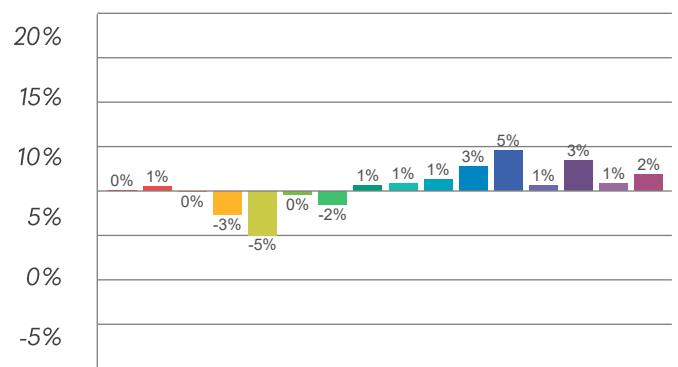
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.6	97.2	96.0	94.5	94.0	97.4	94.3	95.7	94.9	93.7	92.3	92.9	95.9	93.7	92.8	91.9

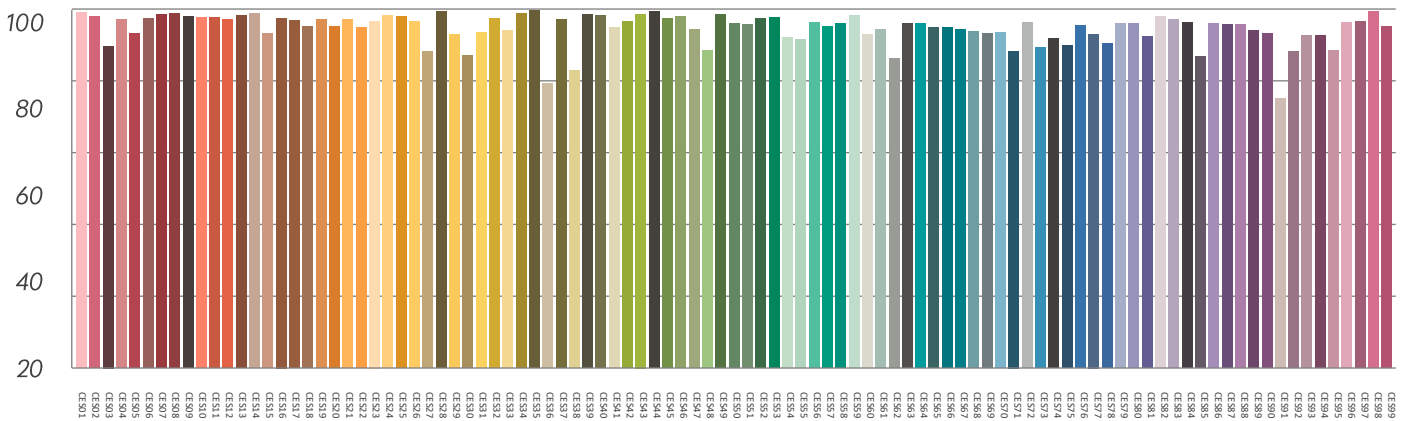
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_41k



Light Efficiency:



Output: 465 lm

Light Quality:



Peak: 168 cd

Power: 4.9 W

PF: 1.0

Color Temperature



R9: 99.0

Duv: 0.0005

u': 0.226

v': 0.503

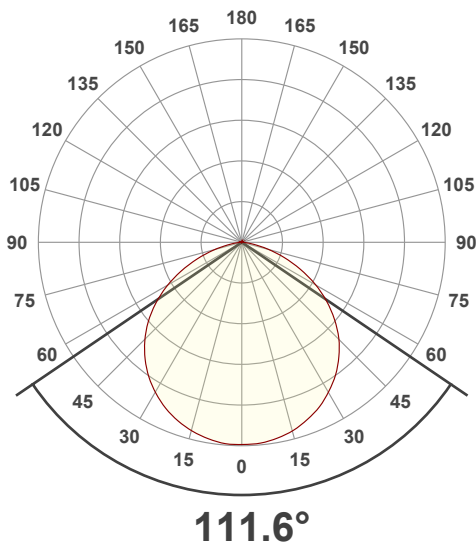
Rg 100.8

Gamut index Rg

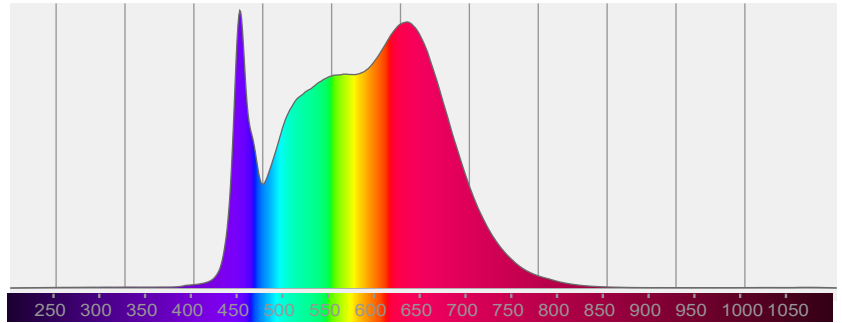
Rf 94.1

Fidelity index Rf

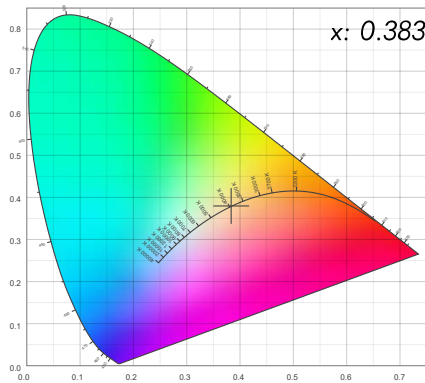
Beam Angle:



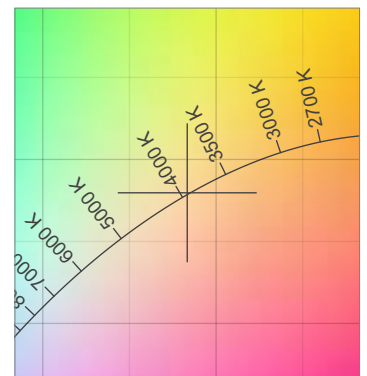
Spectra:



CIE 1931:

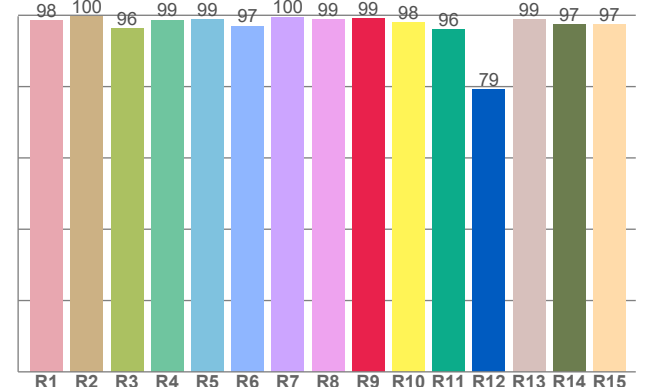
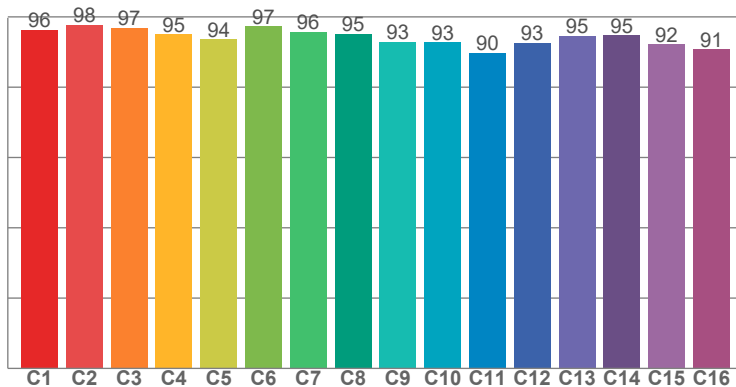


CIE 1931 Zoom:



TM30: 94.1

CRI: 98.4 98.5



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DMP_41k

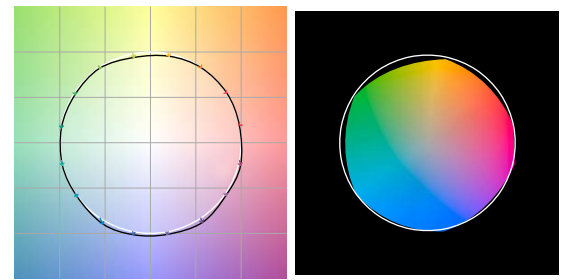


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.6	96.3	98.7	98.9	97.0	99.5	98.8	99.0	97.9	96.0	79.1	98.8	97.4	97.4

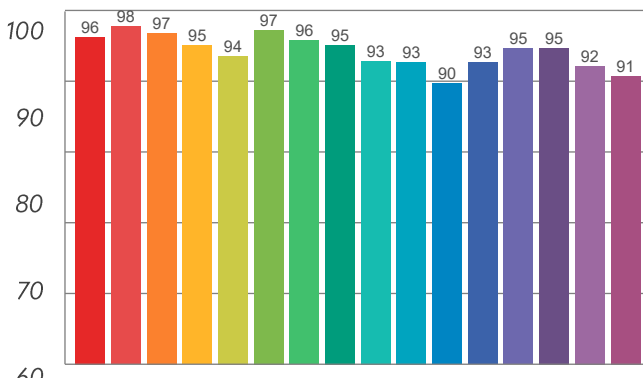
Color Vector



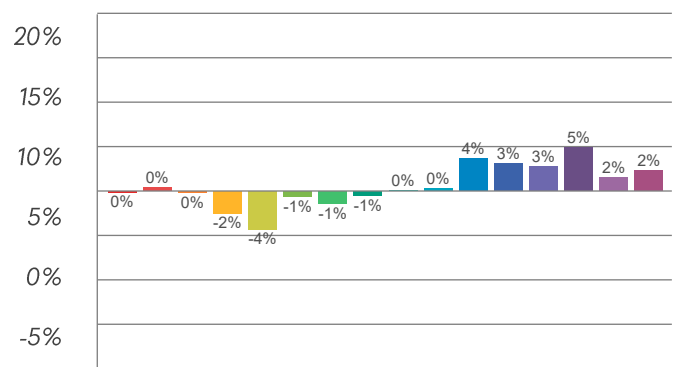
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.3	97.8	96.8	95.0	93.6	97.2	95.7	95.1	92.9	92.7	89.6	92.7	94.6	94.7	92.1	90.8

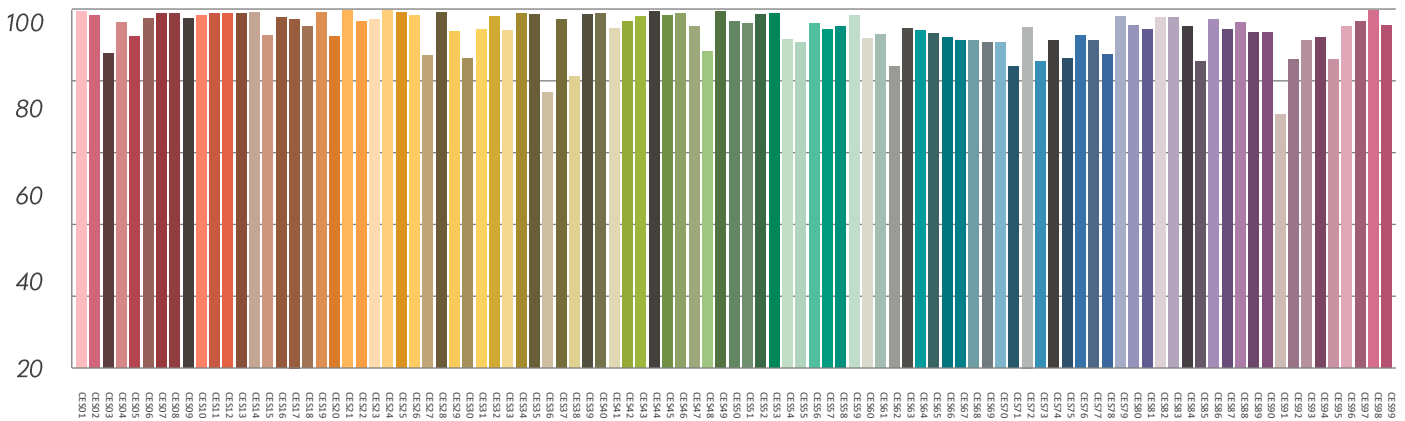
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DRY_22k



Light Efficiency:



Output: 406 lm

Light Quality:



Peak: 139 cd

Power: 4.7 W

PF: 1.0

R9: 94.2

Duv: -0.0002

u': 0.285

v': 0.535

Rg 100.6

Gamut index Rg

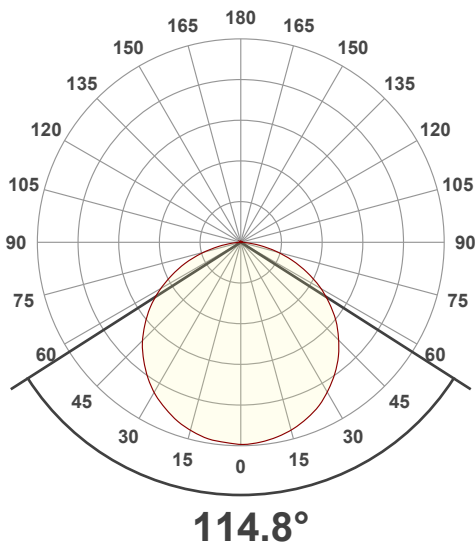
Rf 94.4

Fidelity index Rf

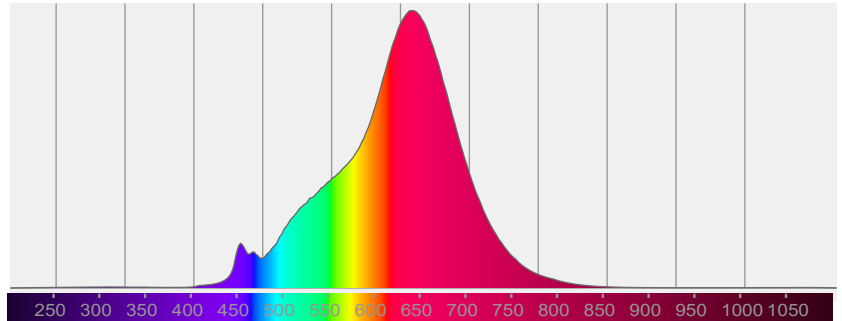
Color Temperature



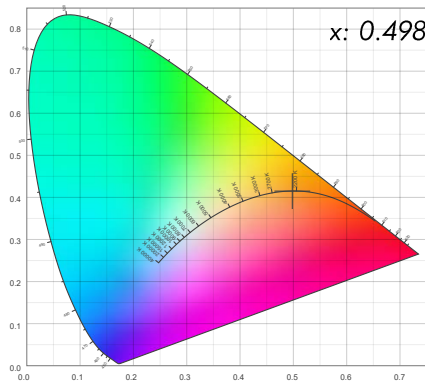
Beam Angle:



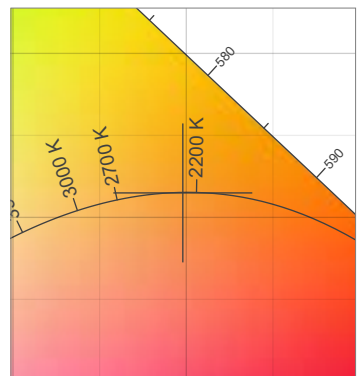
Spectra:



CIE 1931:

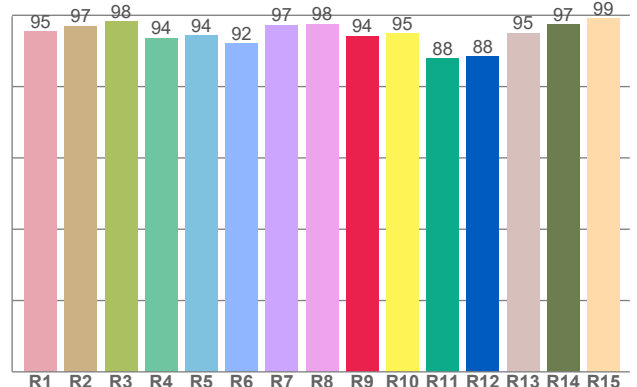
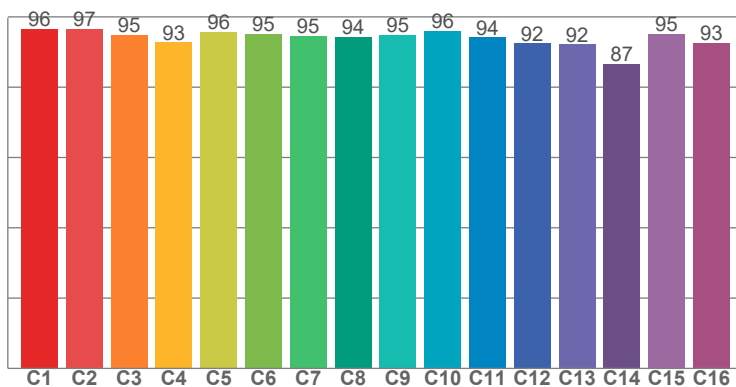


CIE 1931 Zoom:



TM30: 94.4

CRI: 95.7 95.4



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DRY_22k



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

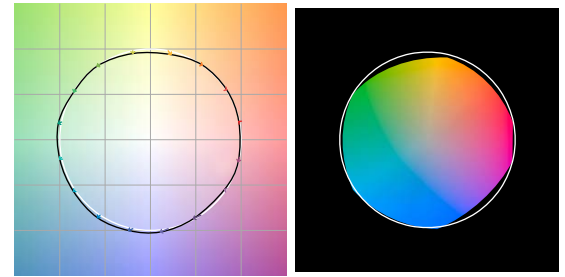
Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.4	97.0	98.2	93.6	94.3	92.0	97.3	97.5	94.2	94.9	87.9	88.4	95.0	97.5	99.0

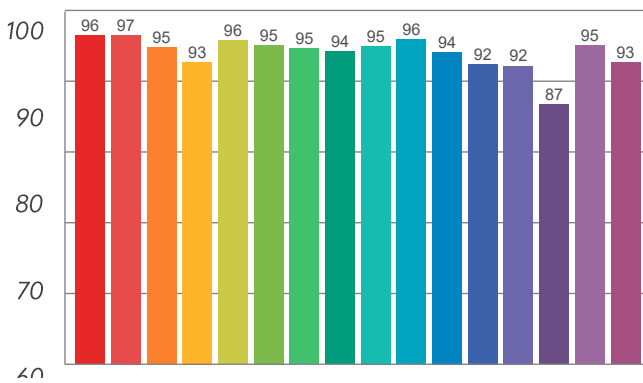
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.5	96.5	94.8	92.7	95.8	95.1	94.6	94.2	95.0	95.9	94.1	92.4	92.2	86.7	95.0	92.7

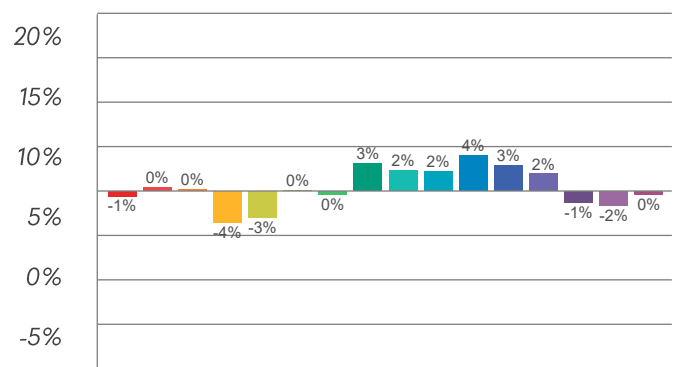
Color Vector



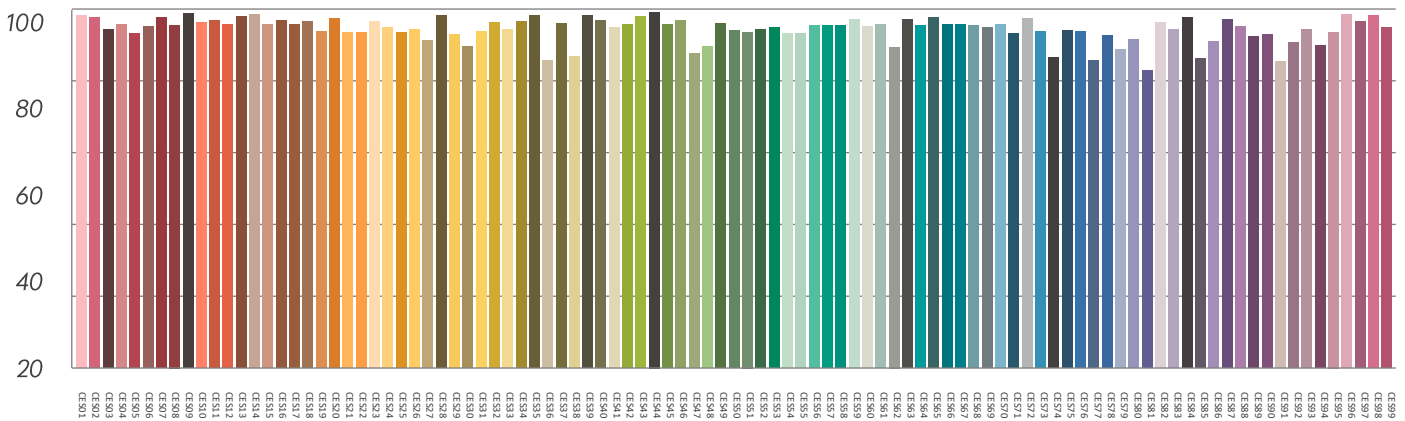
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DRY_27k



Light Efficiency:



Output: 450 lm

Light Quality:

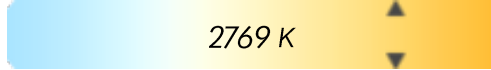


Peak: 153 cd

Power: 4.9 W

PF: 1.0

Color Temperature



R9: 95.2

Duv: 0.0005

u': 0.260

v': 0.527

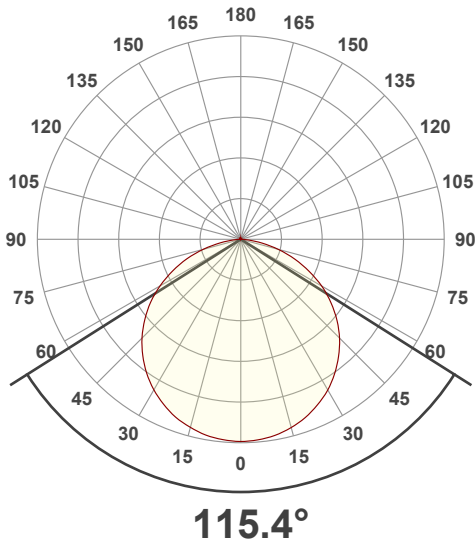
Rg 100.9

Gamut index Rg

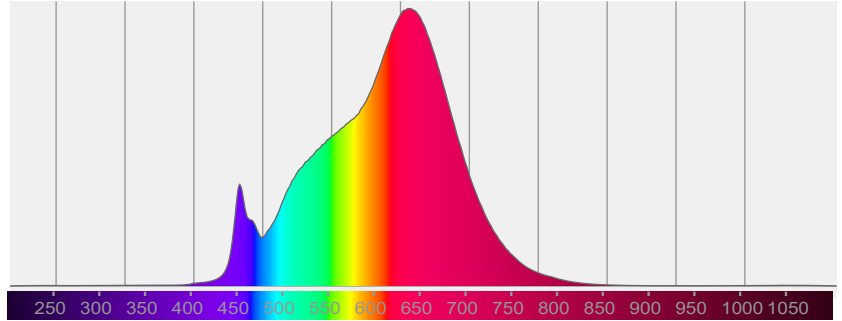
Rf 95.4

Fidelity index Rf

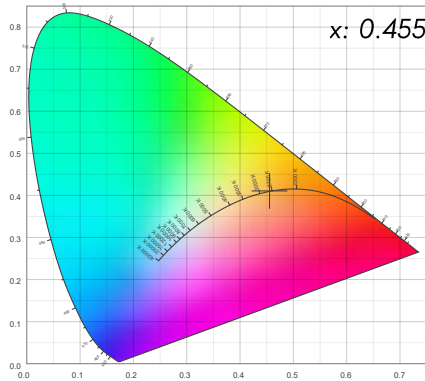
Beam Angle:



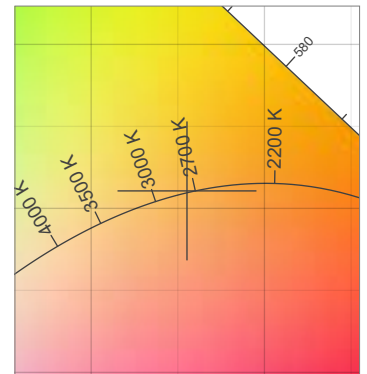
Spectra:



CIE 1931:

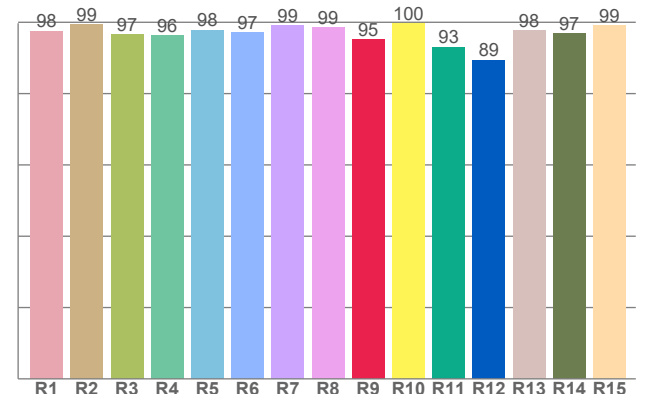
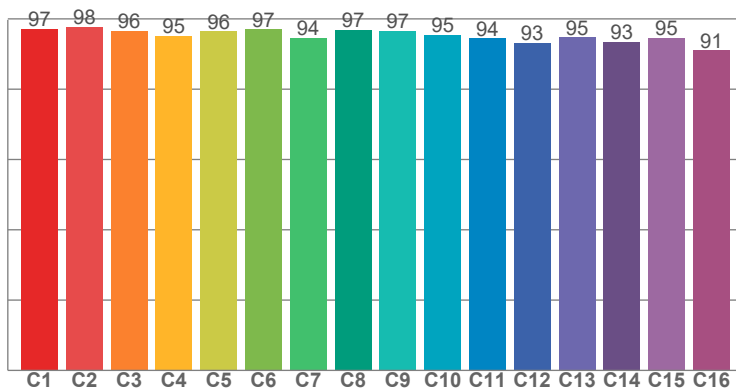


CIE 1931 Zoom:



TM30: 95.4

CRI: 97.8 97.5



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RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DRY_27k

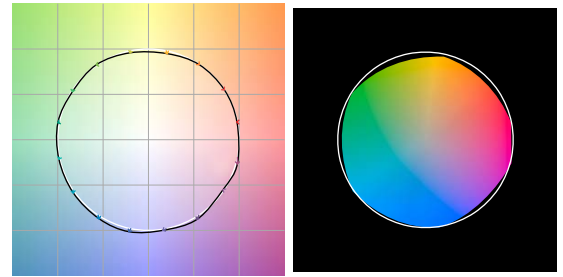


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	99.4	96.5	96.4	97.8	97.1	99.1	98.6	95.2	99.6	93.0	89.4	97.7	96.9	99.1

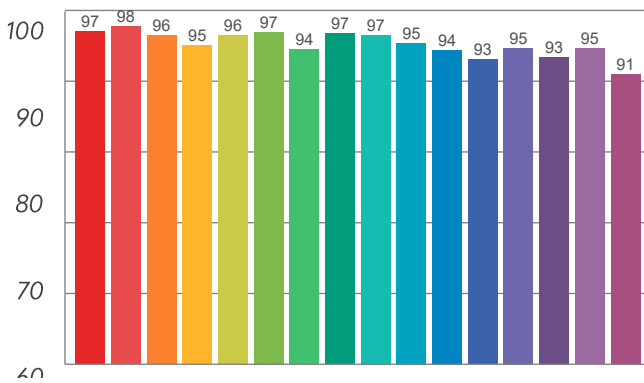
Color Vector



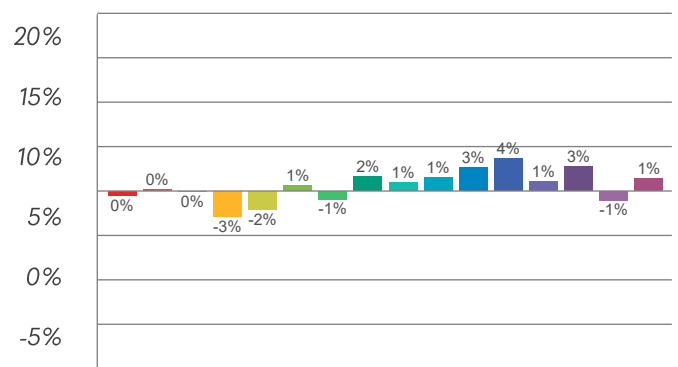
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.1	97.7	96.5	95.1	96.4	97.0	94.5	96.8	96.5	95.4	94.4	93.0	94.7	93.4	94.6	91.0

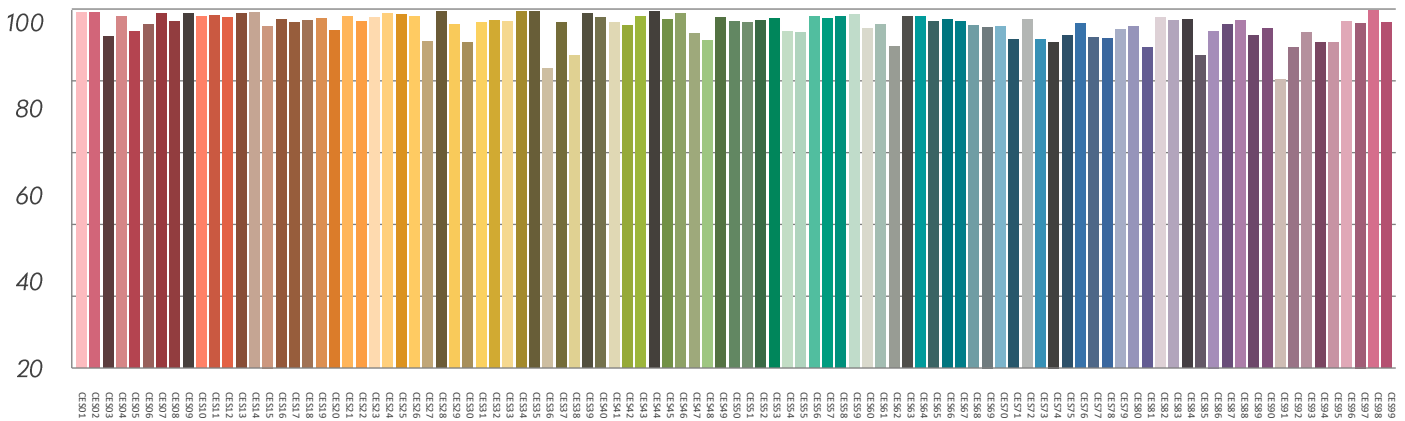
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DRY_30k



Light Efficiency:



Output: 477 lm

Light Quality:

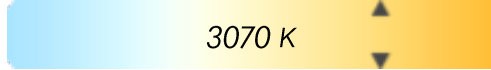


Peak: 161 cd

Power: 4.9 W

PF: 1.0

Color Temperature



R9: 96.8

Duv: 0.0002

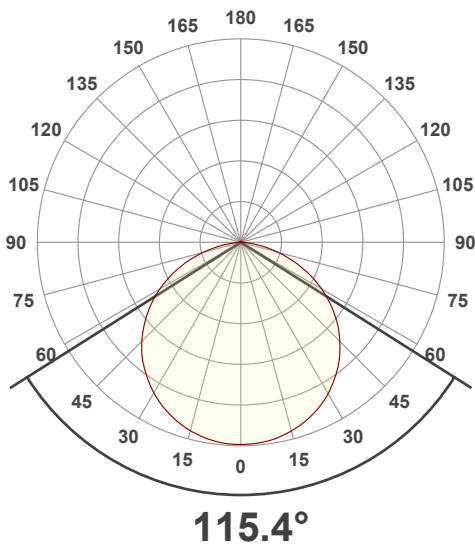
u': 0.248

v': 0.520

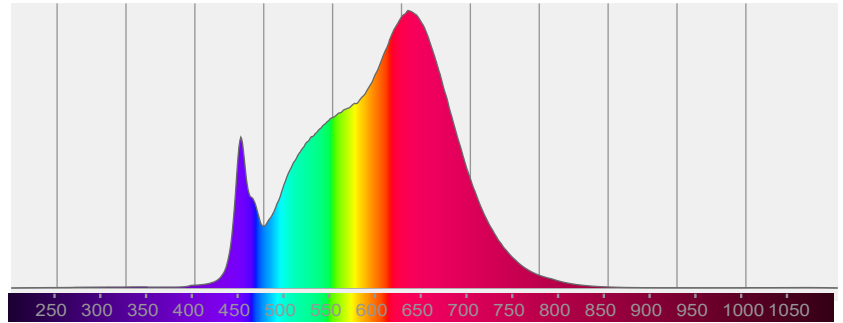
Rg 101.5
Gamut index Rg

Rf 95.2
Fidelity index Rf

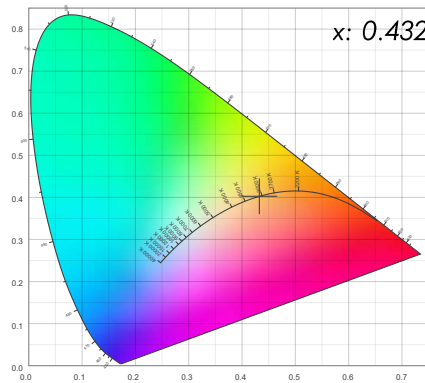
Beam Angle:



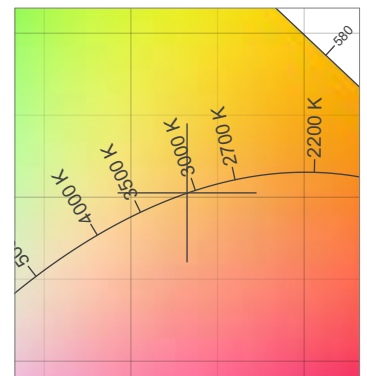
Spectra:



CIE 1931:

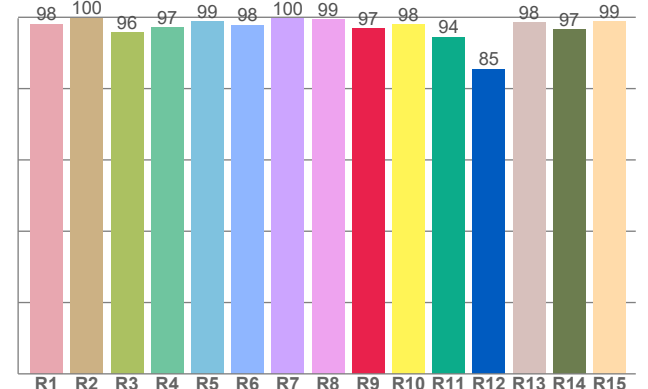
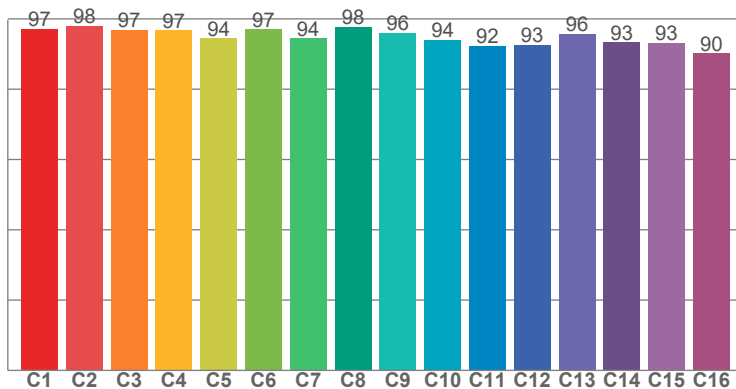


CIE 1931 Zoom:



TM30: 95.2

CRI: 98.3 98.1



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RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DRY_30k

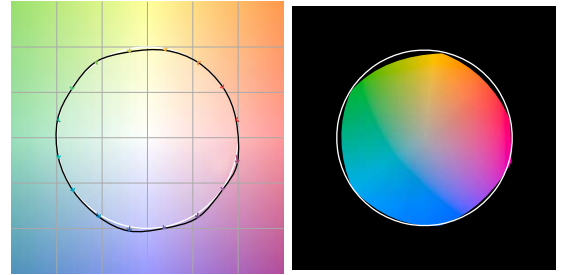


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.8	95.7	97.2	98.9	97.8	99.6	99.4	96.8	97.9	94.5	85.5	98.5	96.6	98.8

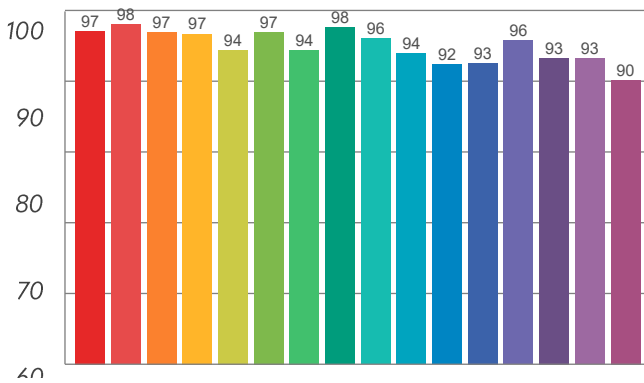
Color Vector



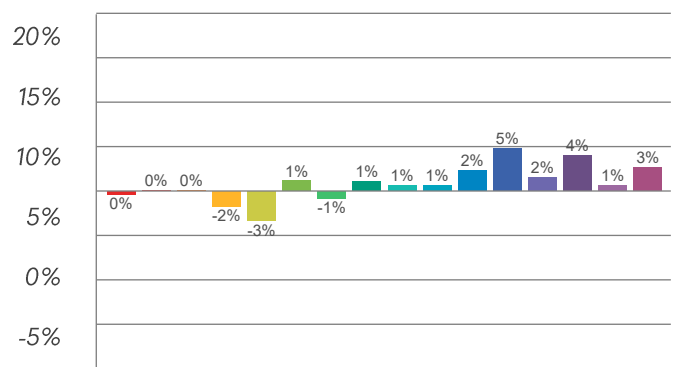
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.1	98.0	96.9	96.7	94.4	97.0	94.4	97.6	96.1	93.9	92.4	92.6	95.8	93.3	93.2	90.1

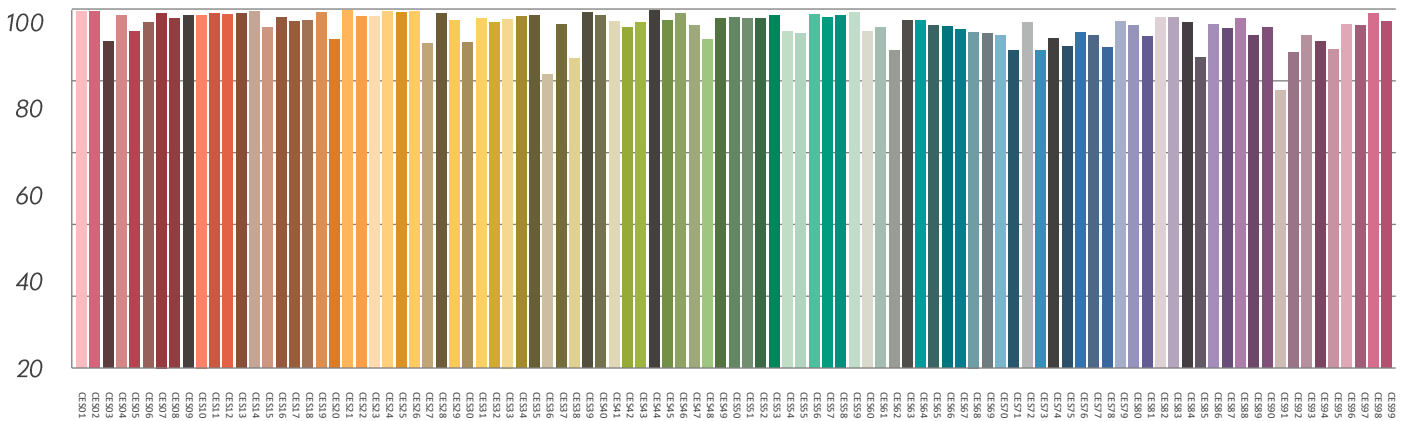
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DRY_35k



Light Efficiency:



Output: 490 lm

Light Quality:



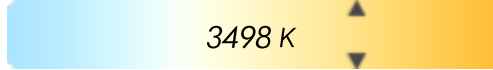
Peak: 166 cd

Power: 4.9 W

PF: 1.0

R_g 100.2
Gamut index R_g

Color Temperature



R₉: 99.1

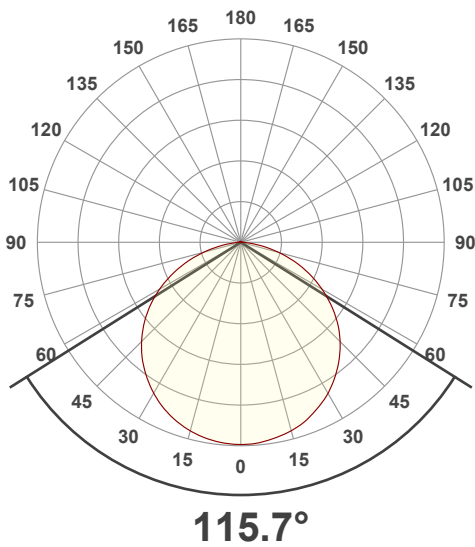
Duv: 0.0016

u': 0.235

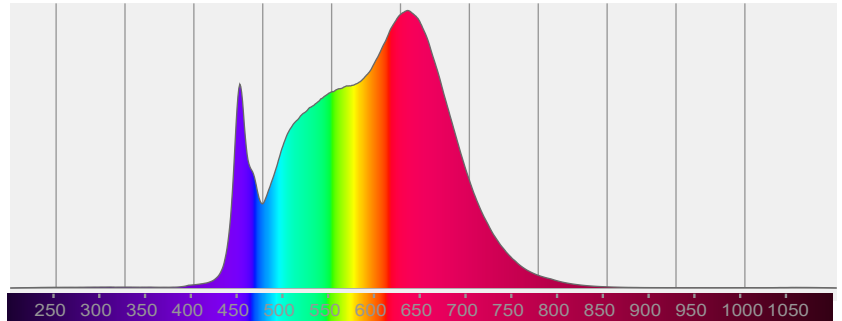
v': 0.514

R_f 94.4
Fidelity index R_f

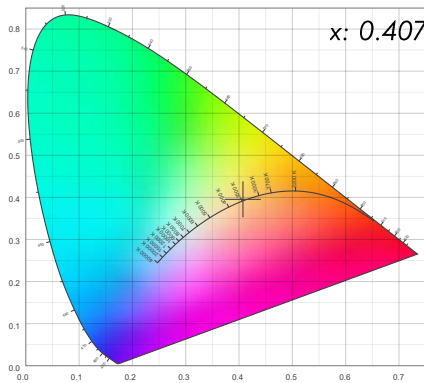
Beam Angle:



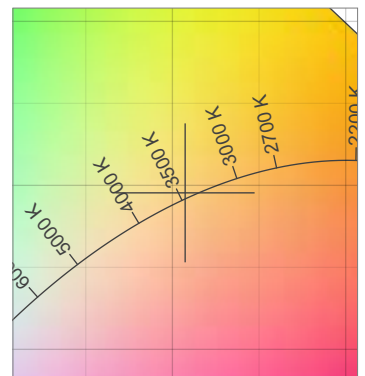
Spectra:



CIE 1931:

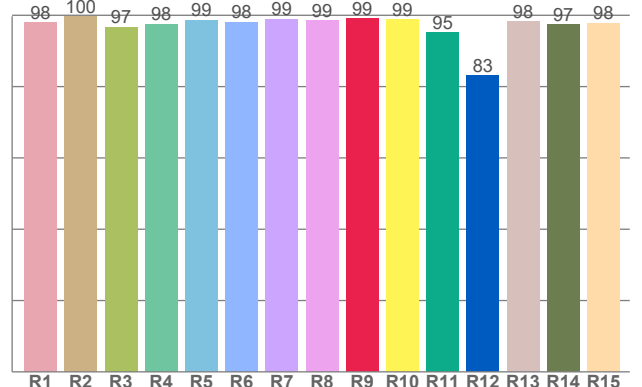
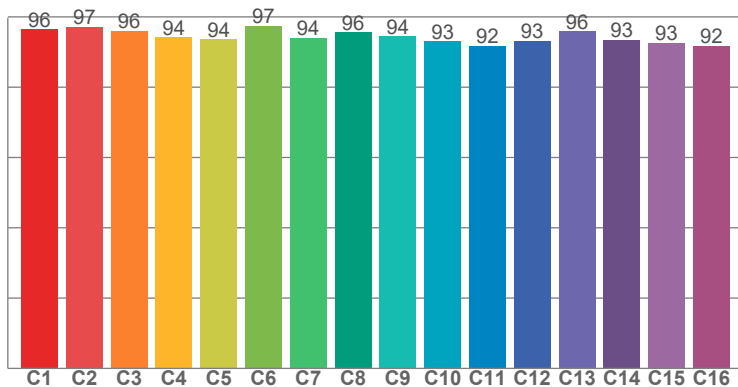


CIE 1931 Zoom:



TM30: 94.4

CRI: 98.3 98.0



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RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DRY_35k

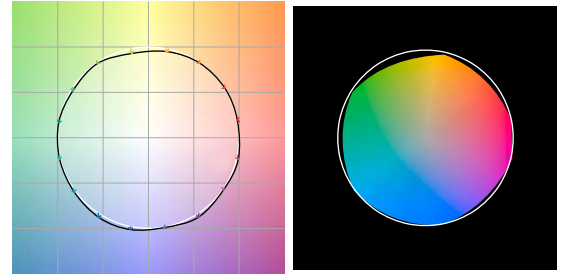


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.6	96.7	97.6	98.7	98.1	98.9	98.5	99.1	98.8	95.1	83.1	98.3	97.4	97.8

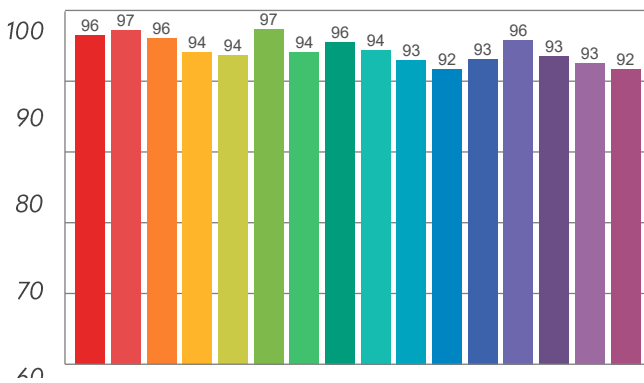
Color Vector



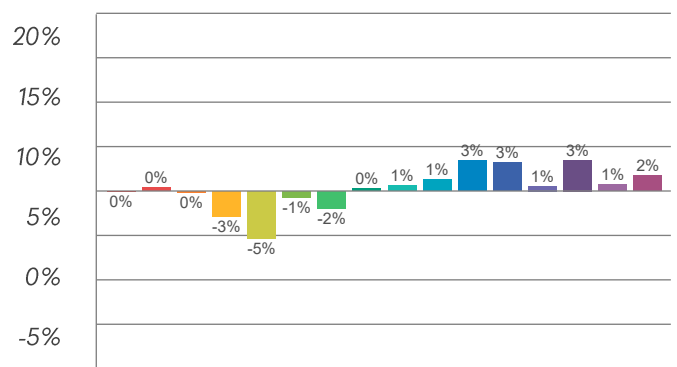
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.4	97.2	96.1	94.1	93.6	97.4	94.1	95.5	94.4	93.0	91.8	93.1	95.8	93.5	92.5	91.7

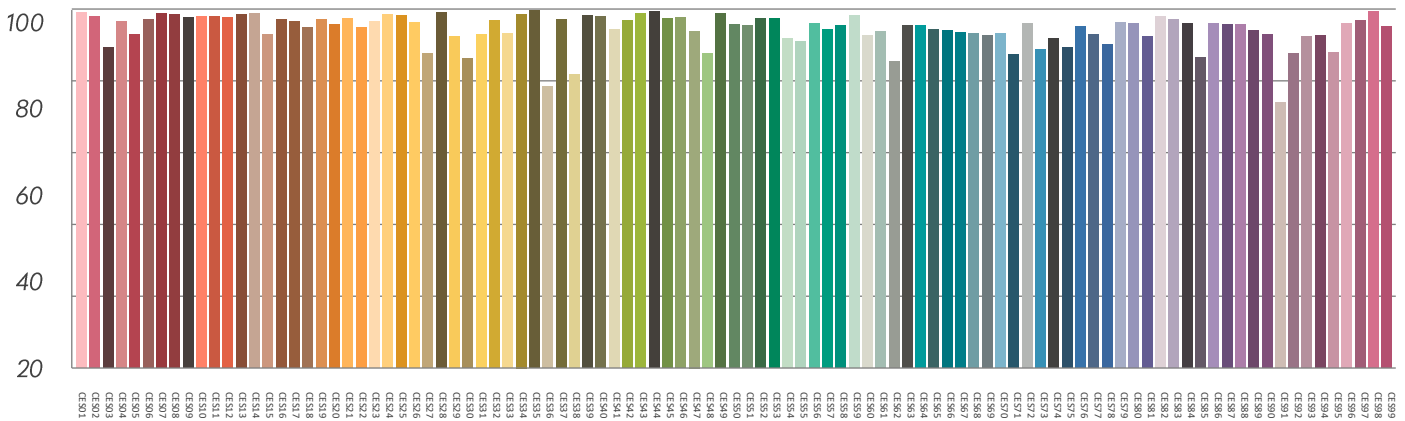
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DRY_41k



Light Efficiency:

139 Lumen/Watt

Output: 644 lm

Light Quality:

CRI: 98.3

Peak: 216 cd

Power: 4.6 W

PF: 1.0

R9: 98.4

Duv: 0.0006

u': 0.225

v': 0.502

Rg 100.8

Gamut index Rg

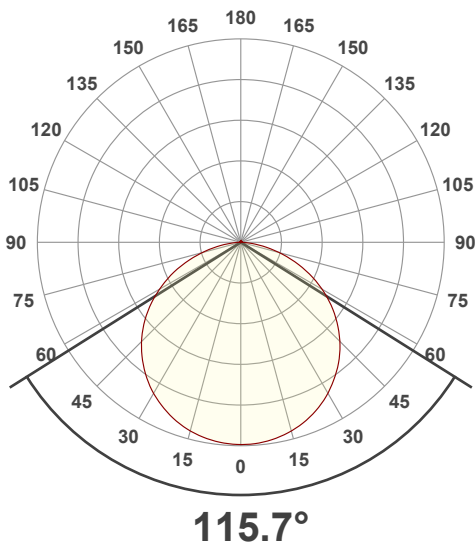
Rf 94.2

Fidelity index Rf

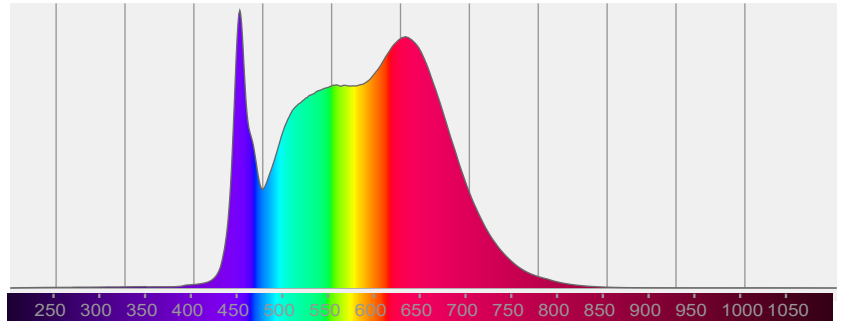
Color Temperature

4016 K

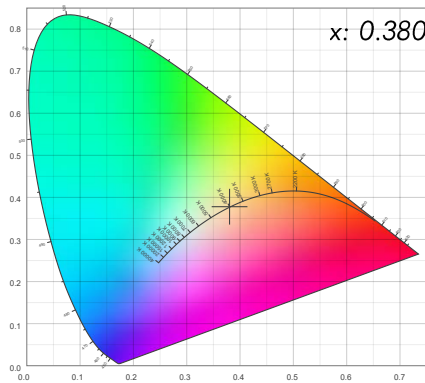
Beam Angle:



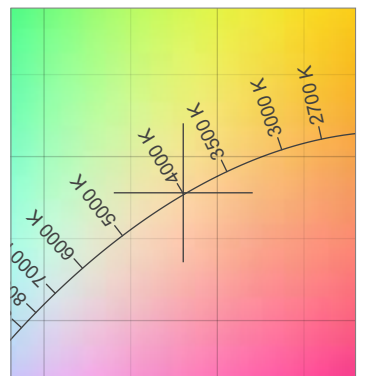
Spectra:



CIE 1931:

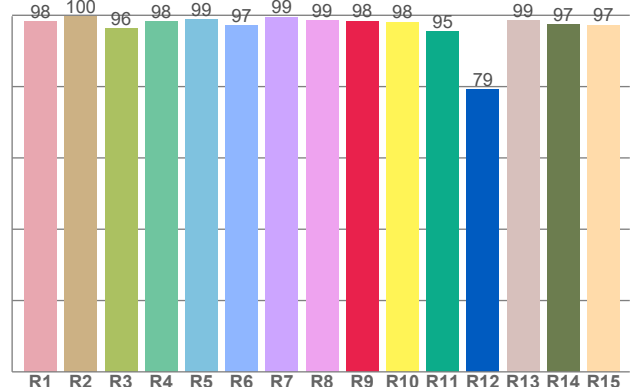
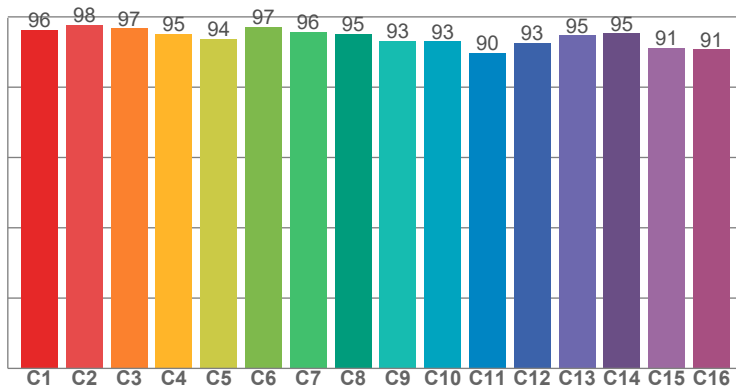


CIE 1931 Zoom:



TM30: 94.2

CRI: 98.3 98.3



RESOURCE – PHOTOMETRICS

SS_WHE_4.4-24_DRY_41k



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

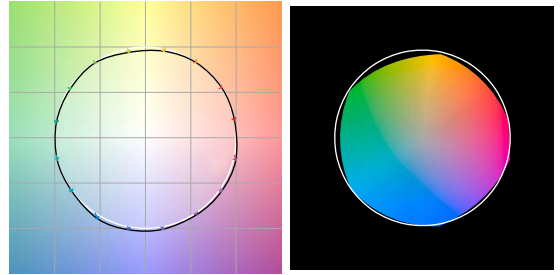
Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.7	96.2	98.3	98.9	97.1	99.5	98.6	98.4	98.1	95.5	79.2	98.6	97.3	97.3

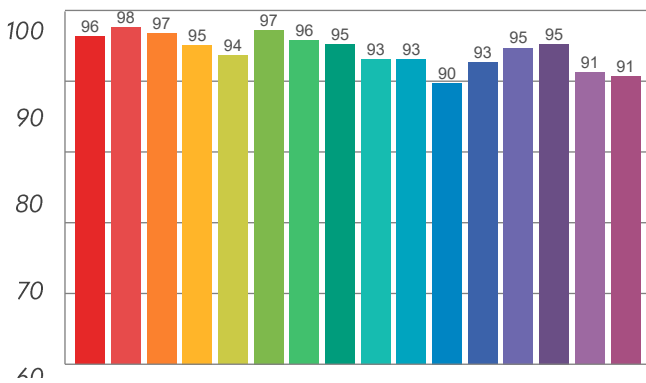
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.3	97.6	96.7	95.1	93.7	97.2	95.7	95.2	93.1	93.0	89.8	92.7	94.7	95.2	91.2	90.7

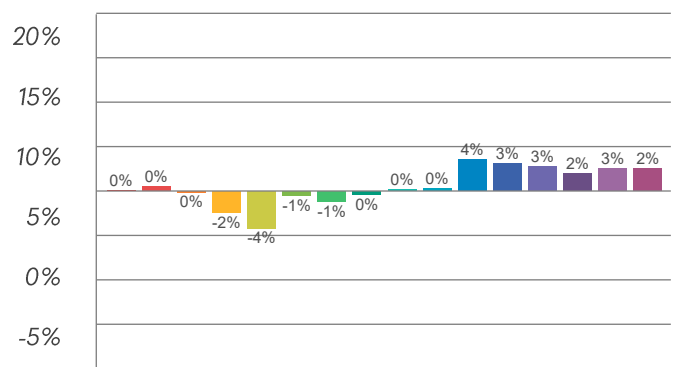
Color Vector



Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample

