

RESOURCE – PHOTOMETRICS

SS_TWH_24v-3.0_DRY_24+35k



Light Efficiency:



Output: 216 lm

Light Quality:



Peak: 73.7 cd

Power: 3.3 W

PF: 1.0

R9: 96.3

Duv: -0.0015

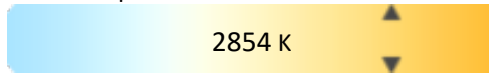
u': 0.257

v': 0.522

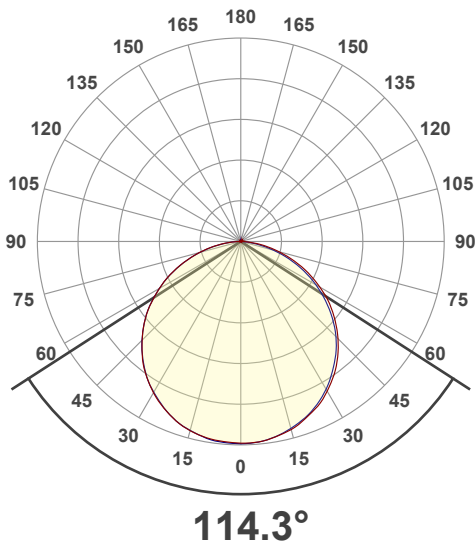
Rg 103.4
Gamut index Rg

Rf 95.7
Fidelity index Rf

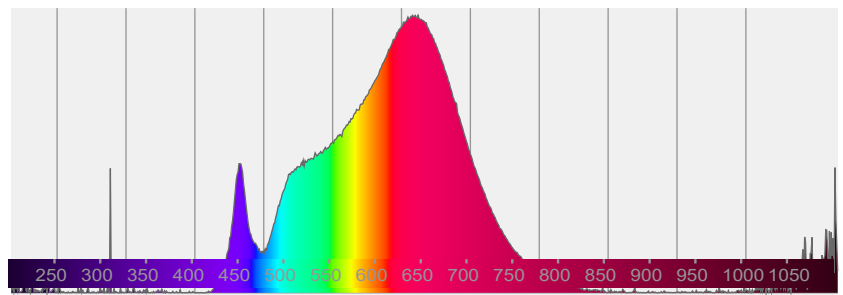
Color Temperature



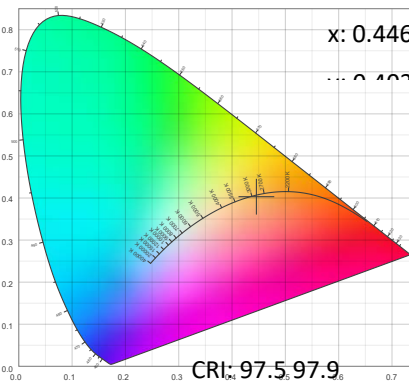
Beam Angle:



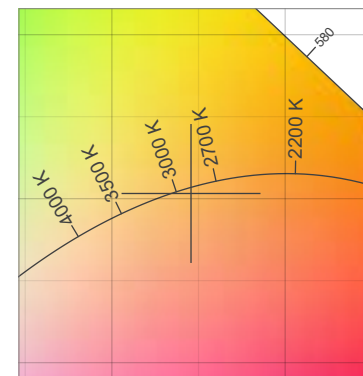
Spectra:



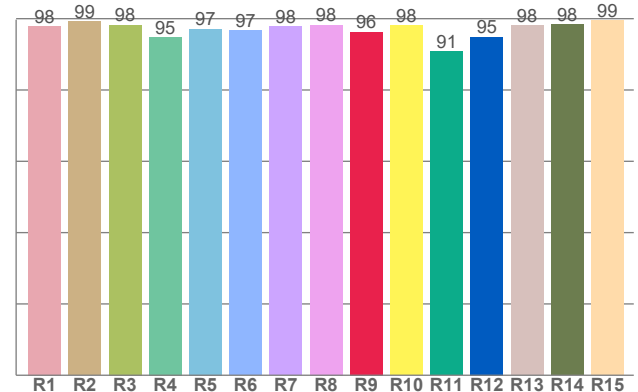
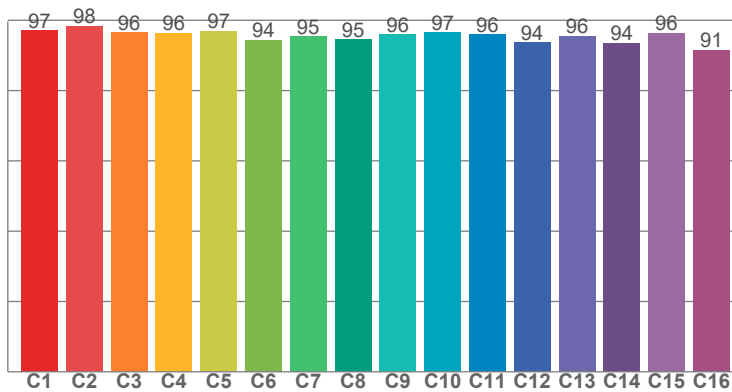
CIE 1931:



CIE 1931 Zoom:



TM30: 95.7



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PROJECT

FIXTURE

PHASE

DATE

800.595.6302

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RESOURCE – PHOTOMETRICS

SS_TWH_24v-3.0_DRY_24+35k

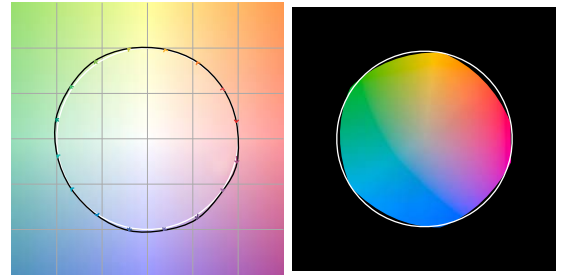


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.1	98.2	94.8	97.1	96.6	97.8	98.2	96.3	98.0	90.7	94.9	98.0	98.4	99.5

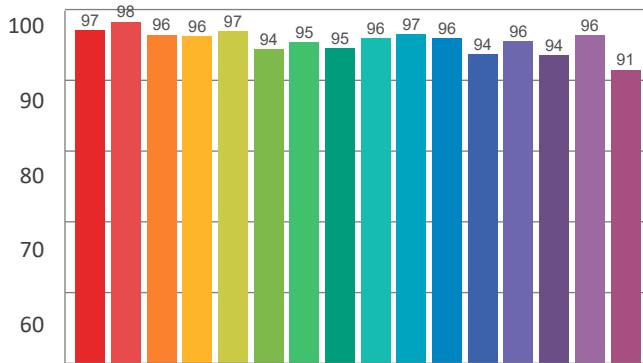
Color Vector



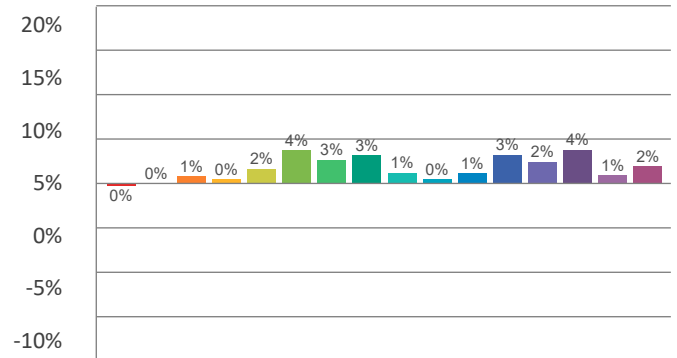
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.1	98.3	96.4	96.3	96.9	94.4	95.4	94.5	96.0	96.5	95.9	93.7	95.6	93.6	96.4	91.5

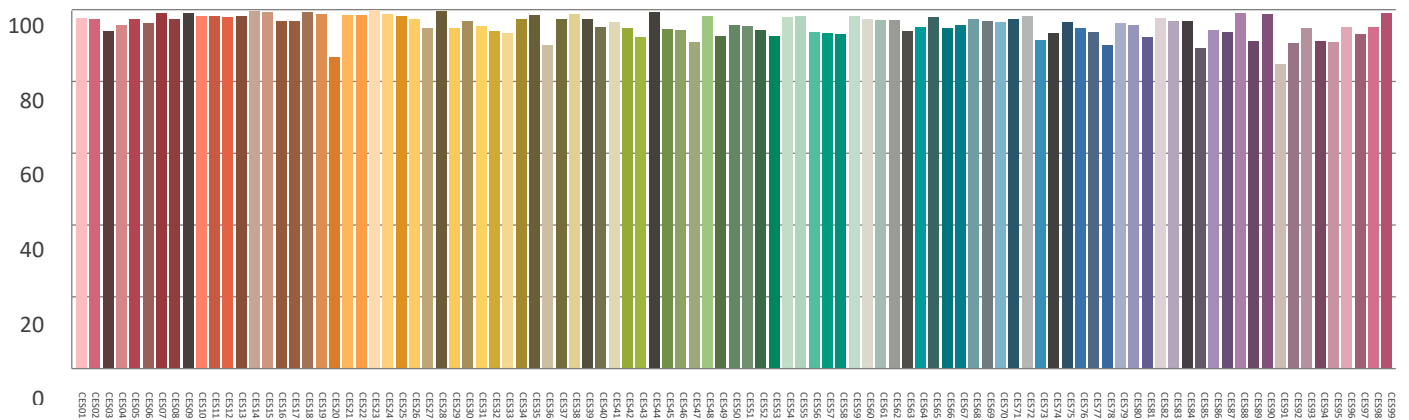
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_TWH_24v-3.0_DRY_24k



Light Efficiency:



Output: 105 lm

Light Quality:



Peak: 36.2 cd

Power: 1.6 W

PF: 1.0

R9: 83.7

Duv: 0.0007

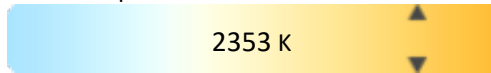
u': 0.280

v': 0.535

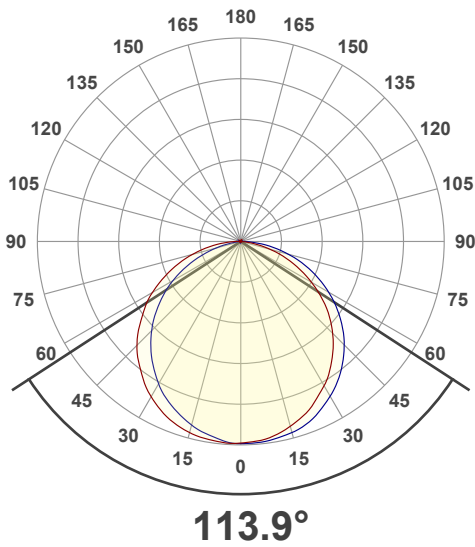
Rg 100.9
Gamut index Rg

Rf 95.1
Fidelity index Rf

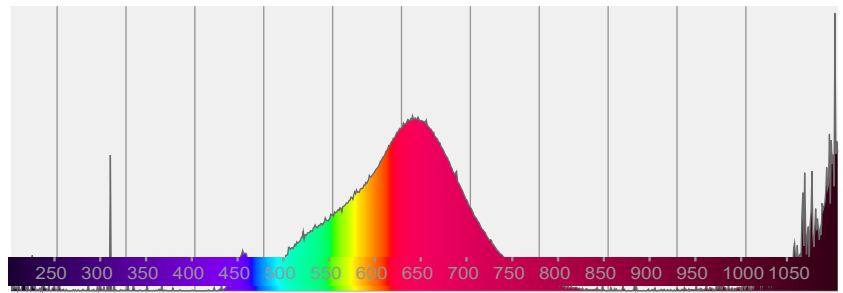
Color Temperature



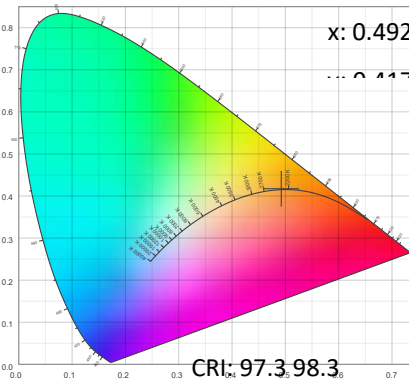
Beam Angle:



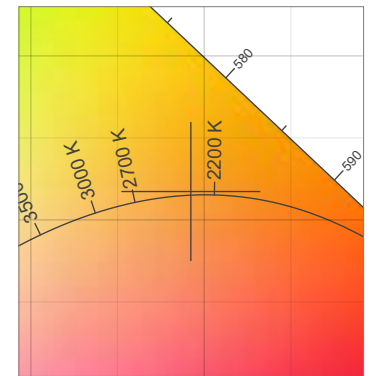
Spectra:



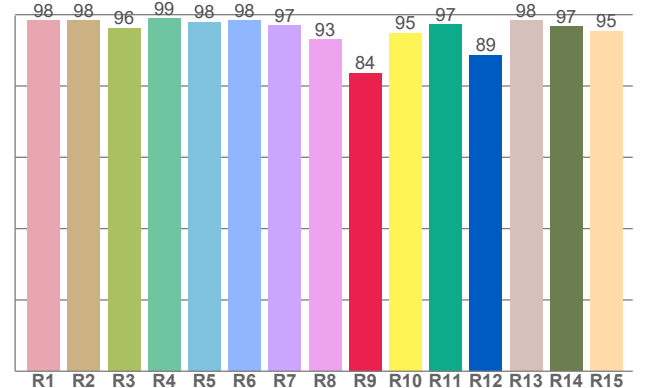
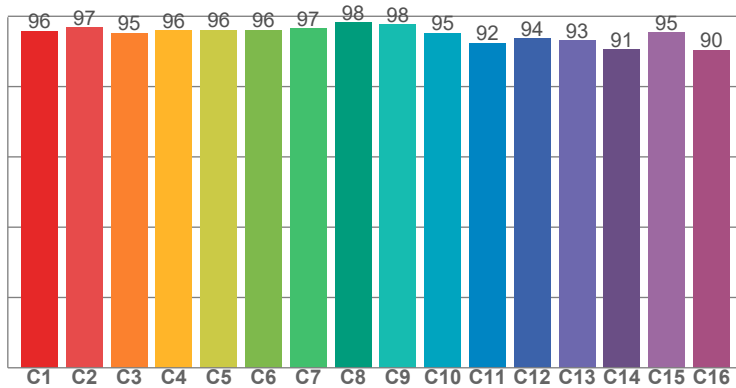
CIE 1931:



CIE 1931 Zoom:



TM30: 95.1



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RESOURCE – PHOTOMETRICS

SS_TWH_24v-3.0_DRY_24k

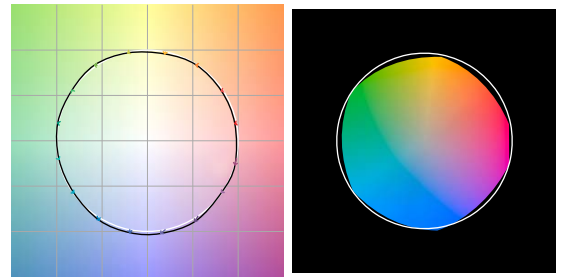


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	98.3	96.3	99.0	98.0	98.4	97.0	93.0	83.7	94.9	97.3	88.8	98.4	96.7	95.5

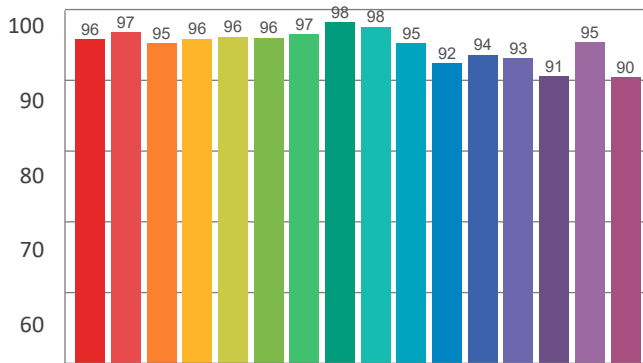
Color Vector



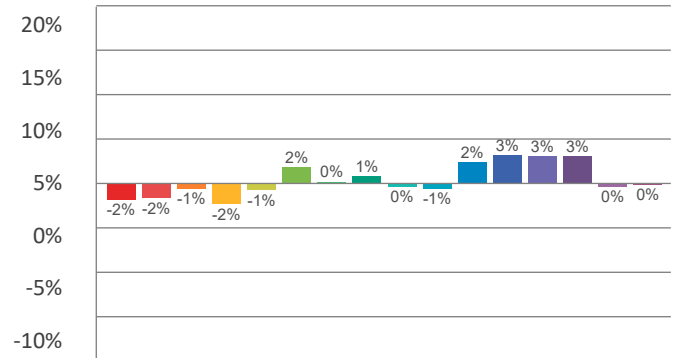
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.8	96.7	95.3	95.9	96.2	96.0	96.6	98.3	97.6	95.3	92.4	93.6	93.1	90.5	95.4	90.5

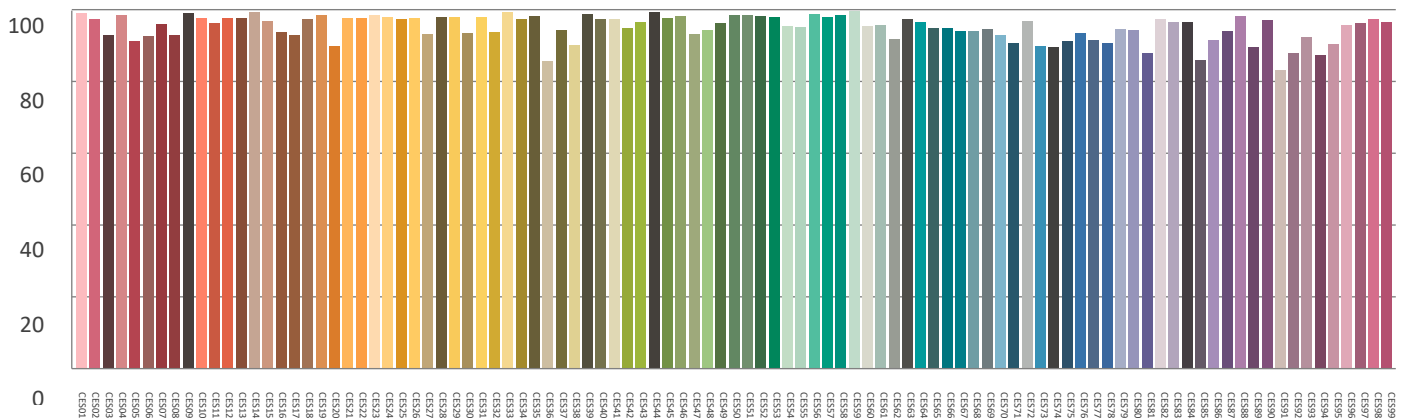
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_TWH_24v-3.0_DRY_24k



Light Efficiency:



Output: 109 lm

Light Quality:



Peak: 37.3 cd

Power: 1.6 W

PF: 1.0

R9: 98.8

Duv: -0.0001

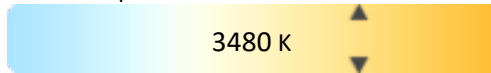
u': 0.236

v': 0.512

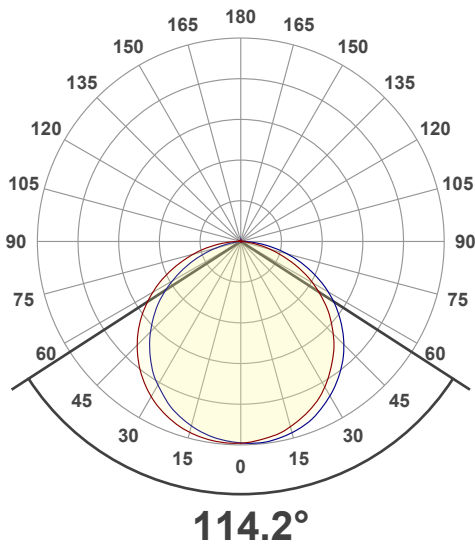
Rg 103.3
Gamut index Rg

Rf 95.7
Fidelity index Rf

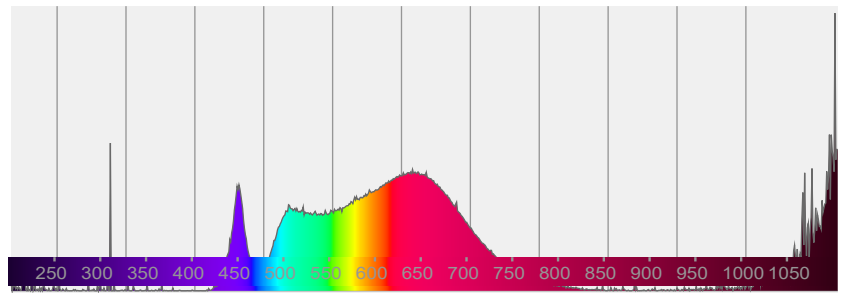
Color Temperature



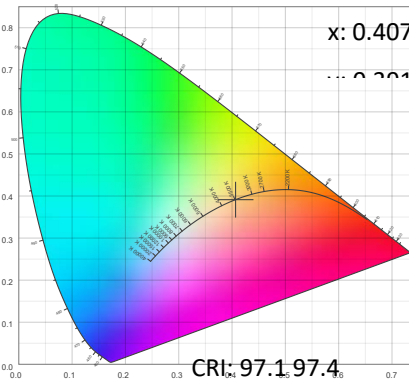
Beam Angle:



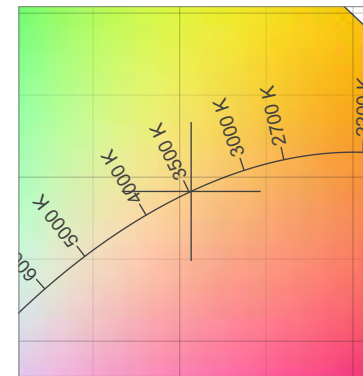
Spectra:



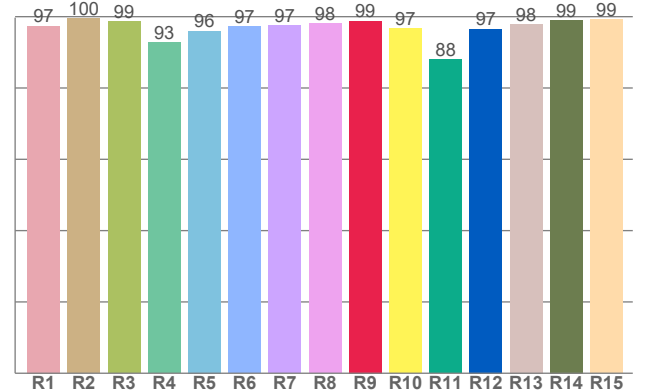
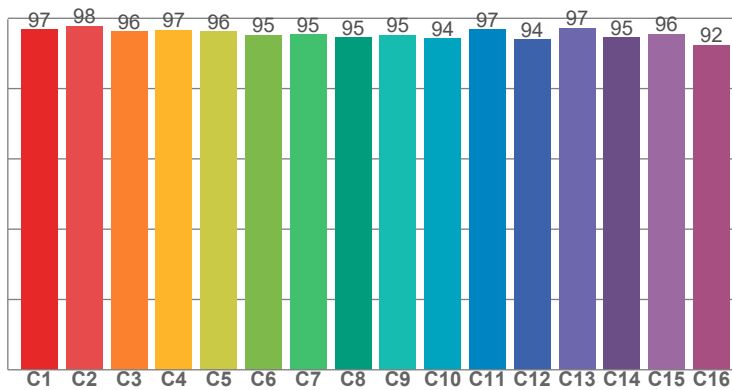
CIE 1931:



CIE 1931 Zoom:



TM30: 95.7



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RESOURCE – PHOTOMETRICS

SS_TWH_24v-3.0_DRY_24k

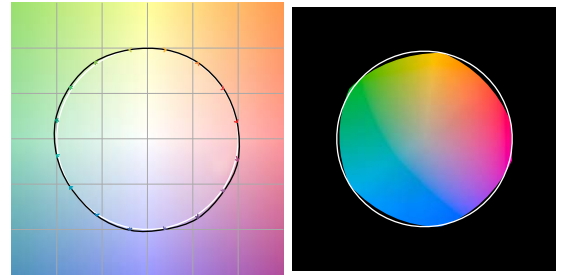


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	99.5	98.6	92.8	96.0	97.3	97.5	98.1	98.8	96.7	88.0	96.5	97.9	99.0	99.1

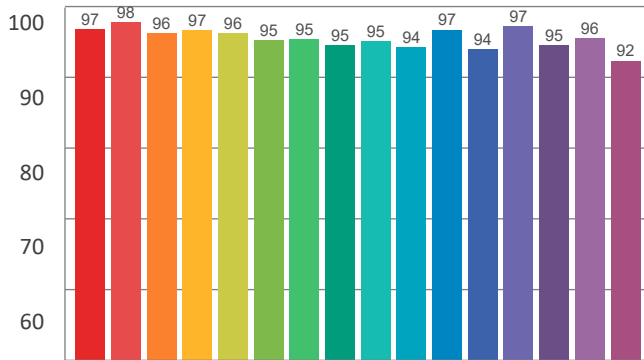
Color Vector



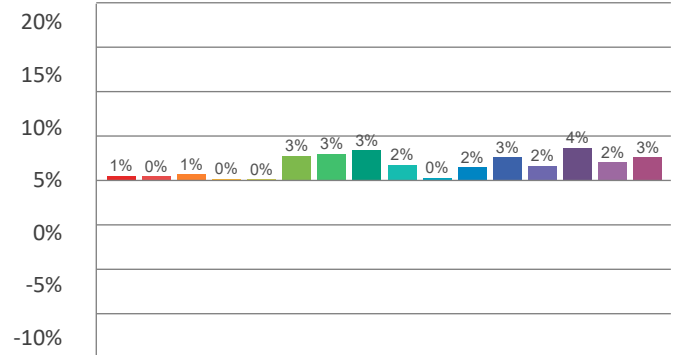
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.8	97.8	96.2	96.6	96.3	95.3	95.4	94.5	95.2	94.2	96.7	94.0	97.2	94.5	95.5	92.4

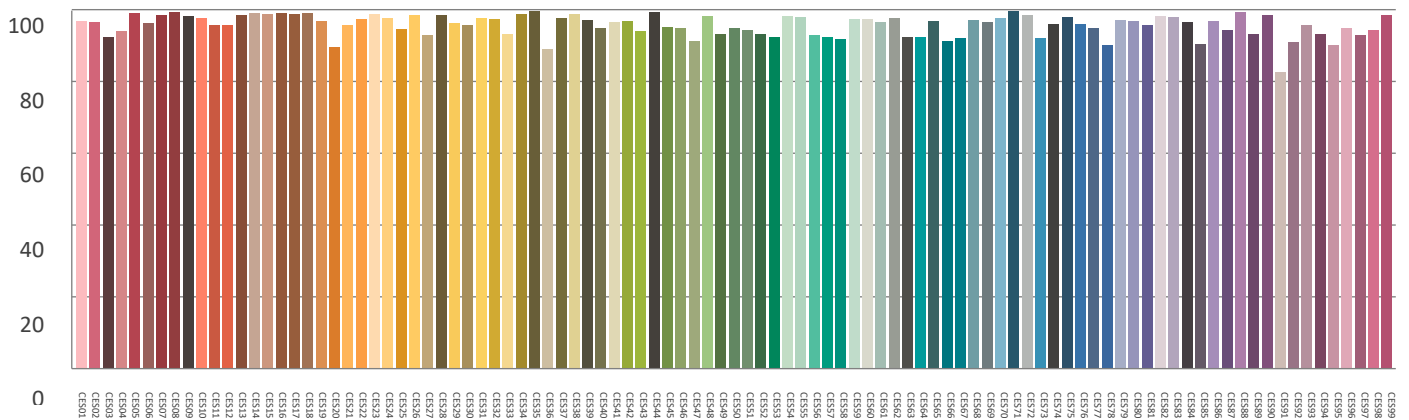
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_TWH_24v-4.4_DRY_24+35k



Light Efficiency:



Output: 297 lm

Light Quality:



Peak: 102 cd

Power: 4.7 W

PF: 1.0

R9: 94.8

Duv: -0.0017

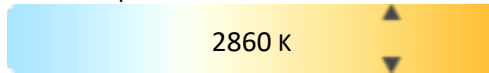
u': 0.256

v': 0.522

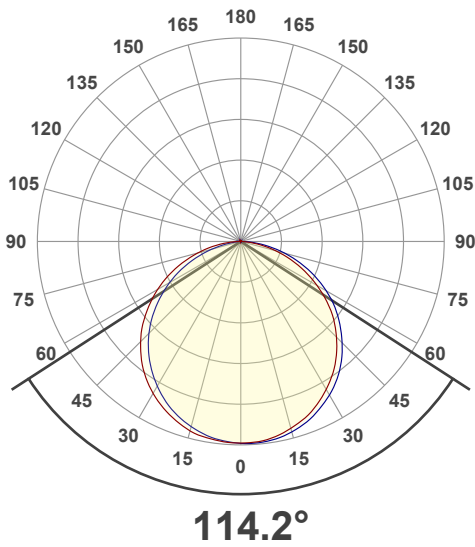
Rg 103.6
Gamut index Rg

Rf 95.5
Fidelity index Rf

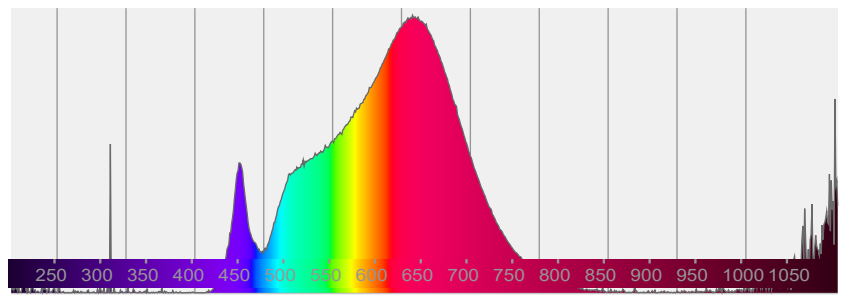
Color Temperature



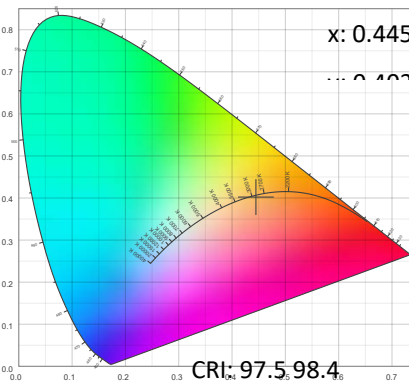
Beam Angle:



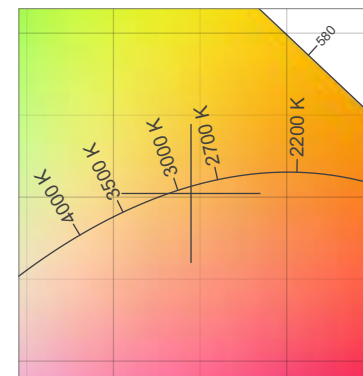
Spectra:



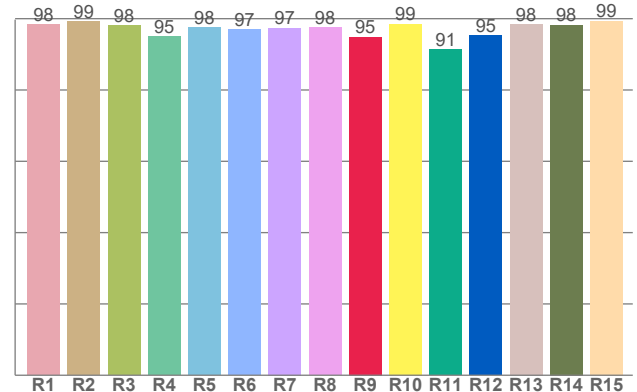
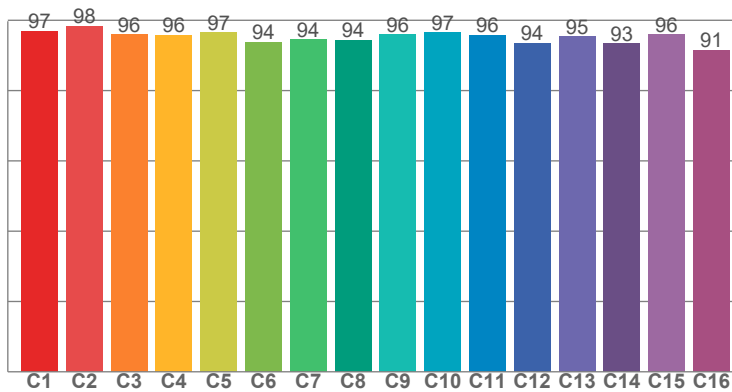
CIE 1931:



CIE 1931 Zoom:



TM30: 95.5



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RESOURCE – PHOTOMETRICS

SS_TWH_24v-4.4_DRY_24+35k

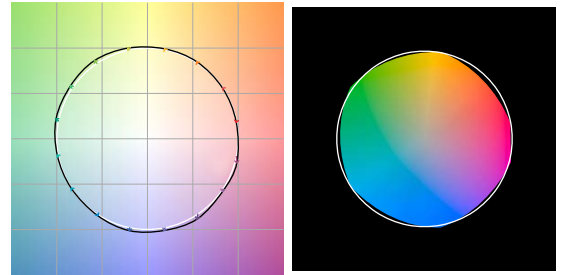


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	99.3	98.0	95.1	97.5	96.9	97.3	97.5	94.8	98.6	91.3	95.3	98.4	98.3	99.4

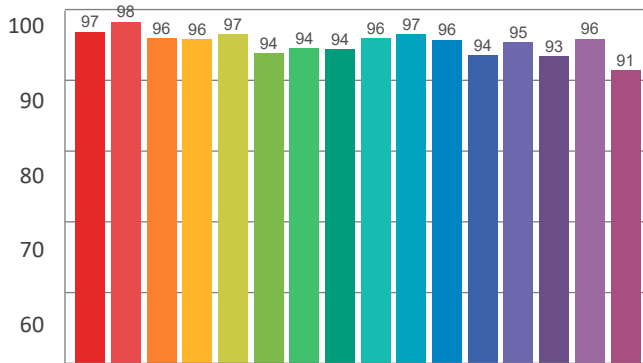
Color Vector



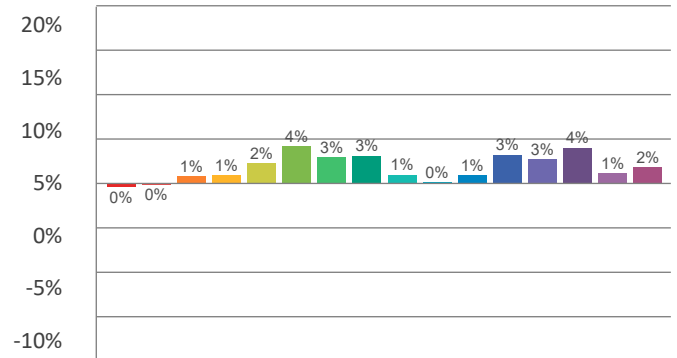
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.9	98.3	96.0	95.8	96.5	93.9	94.5	94.4	95.9	96.6	95.7	93.6	95.4	93.4	95.9	91.5

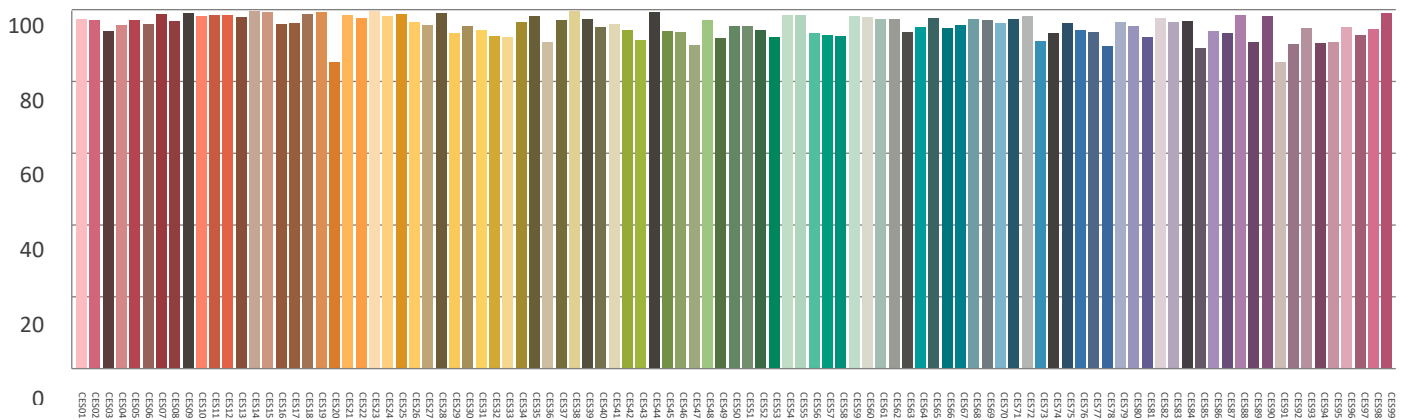
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_TWH_24v-4.4_DRY_24k



Light Efficiency:



Output: 147 lm

Light Quality:

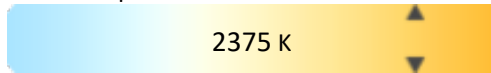


Peak: 50.7 cd

Power: 2.3 W

PF: 1.0

Color Temperature



R9: 82.6

Duv: 0.0008

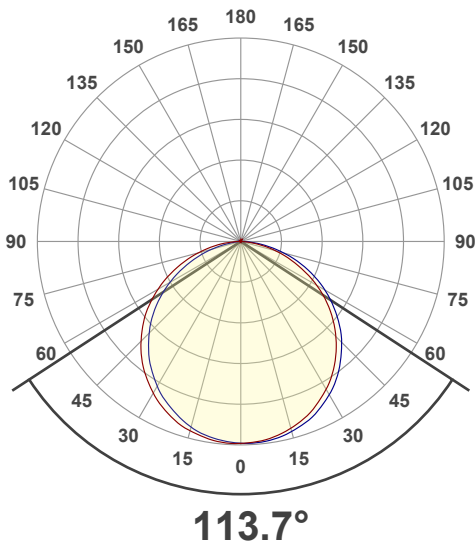
u': 0.279

v': 0.535

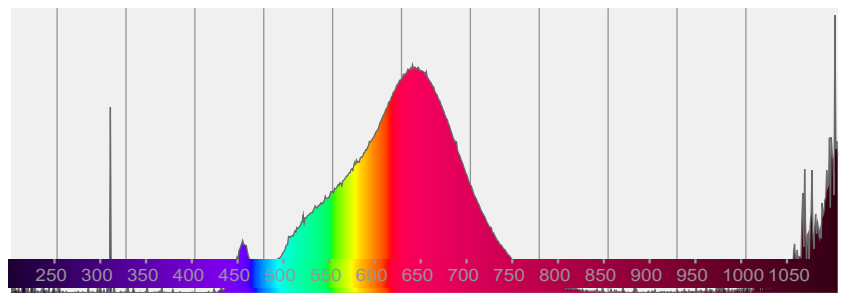
Rg 100.9
Gamut index Rg

Rf 95.0
Fidelity index Rf

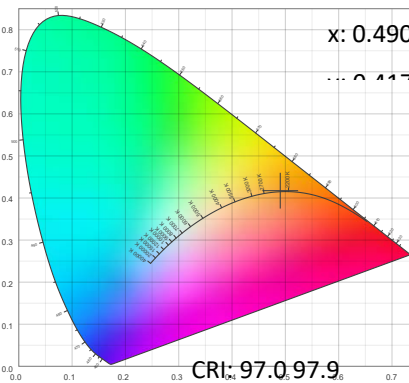
Beam Angle:



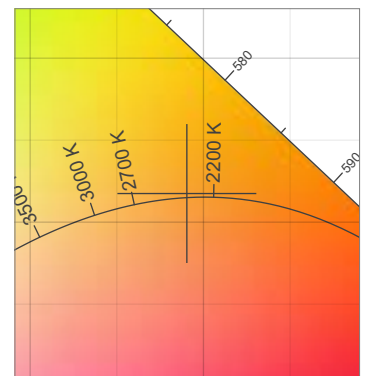
Spectra:



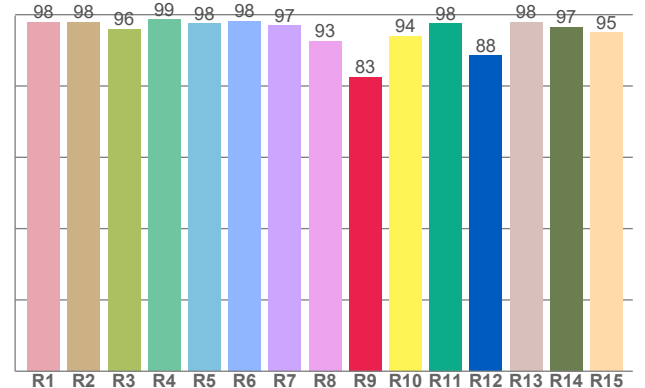
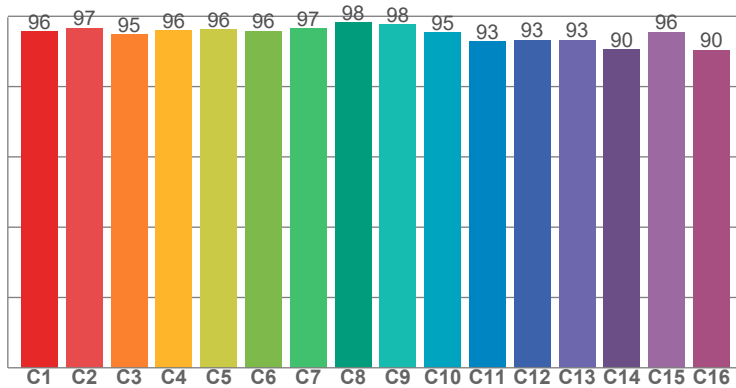
CIE 1931:



CIE 1931 Zoom:



TM30: 95.0



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RESOURCE – PHOTOMETRICS

SS_TWH_24v-4.4_DRY_24k

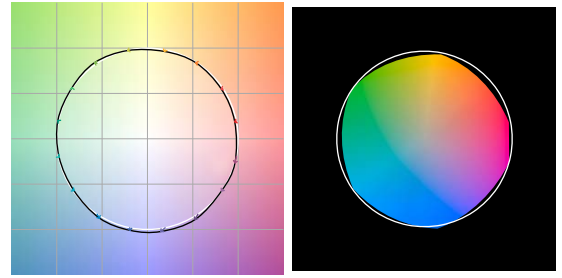


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	98.0	96.0	98.7	97.5	98.2	96.9	92.6	82.6	94.1	97.6	88.5	98.0	96.5	95.1

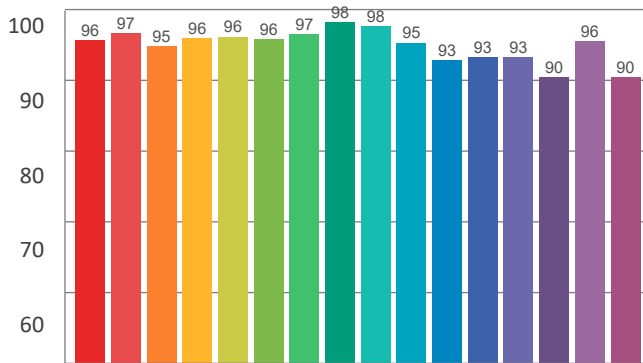
Color Vector



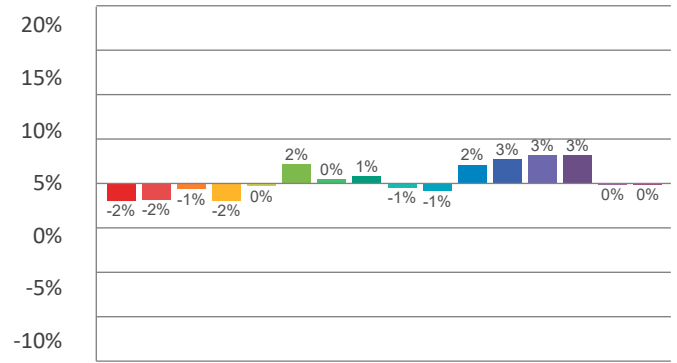
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.6	96.6	94.8	96.0	96.2	95.8	96.5	98.2	97.6	95.3	92.8	93.3	93.2	90.5	95.5	90.4

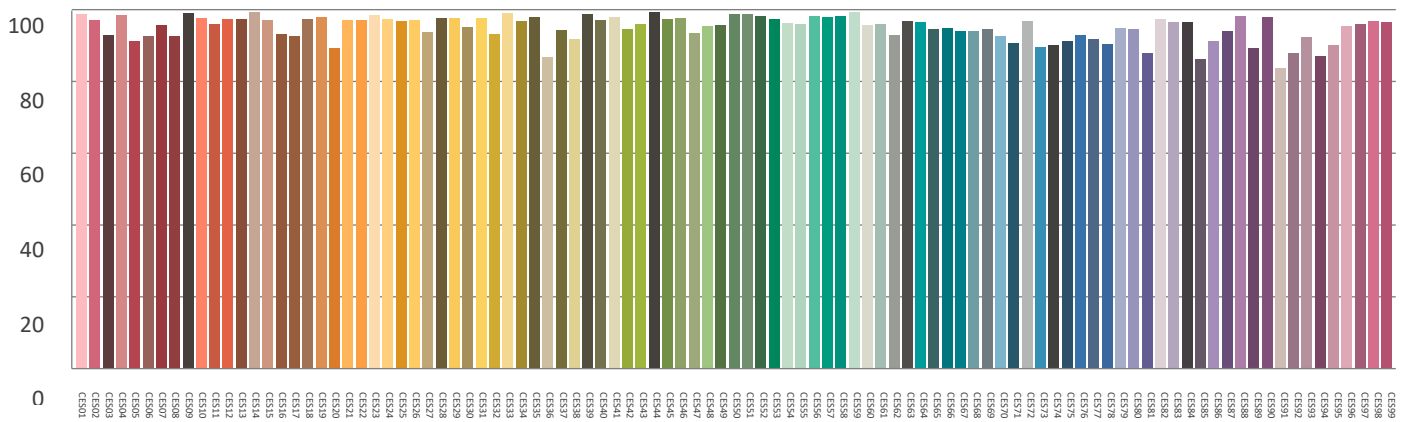
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_TWH_24v-4.4_DRY_35k



Light Efficiency:



Output: 151 lm

Light Quality:



Peak: 52.1 cd

Power: 2.3 W

PF: 1.0

R9: 99.4

Duv: -0.0002

u': 0.236

v': 0.511

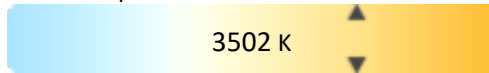
Rg 103.4

Gamut index Rg

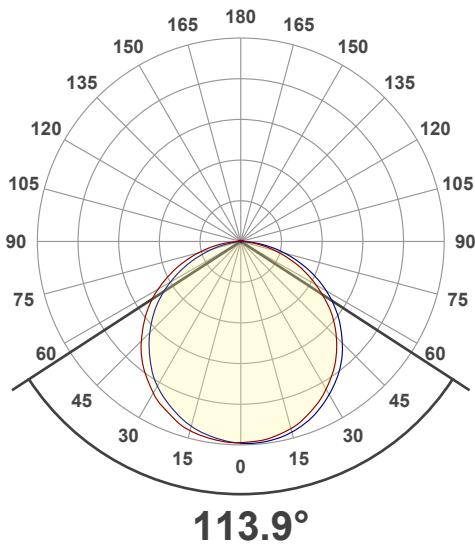
Rf 95.7

Fidelity index Rf

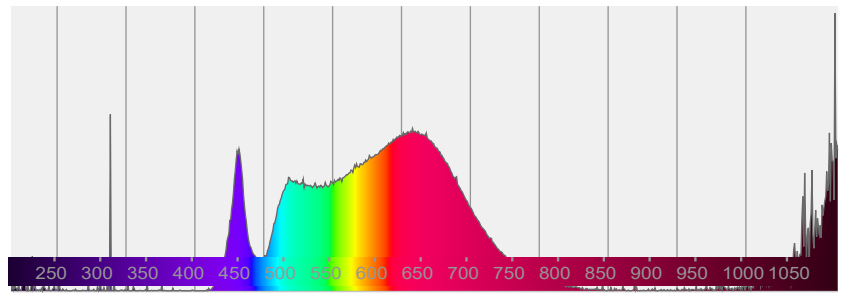
Color Temperature



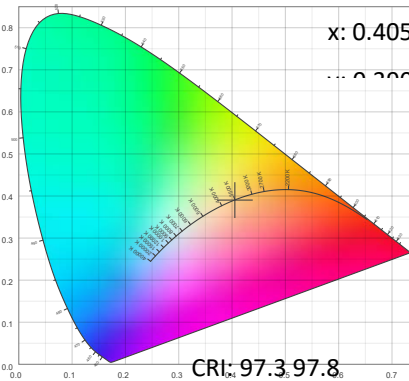
Beam Angle:



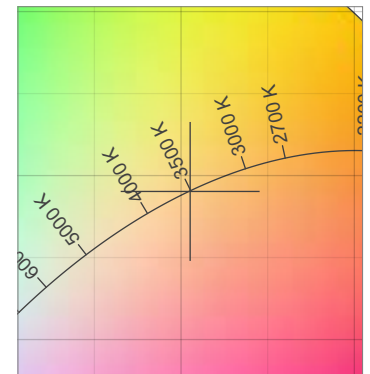
Spectra:



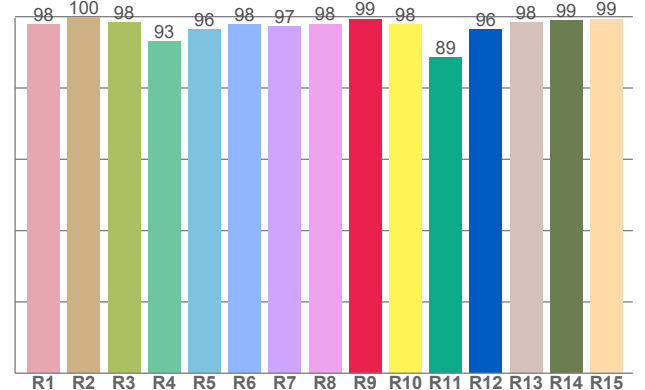
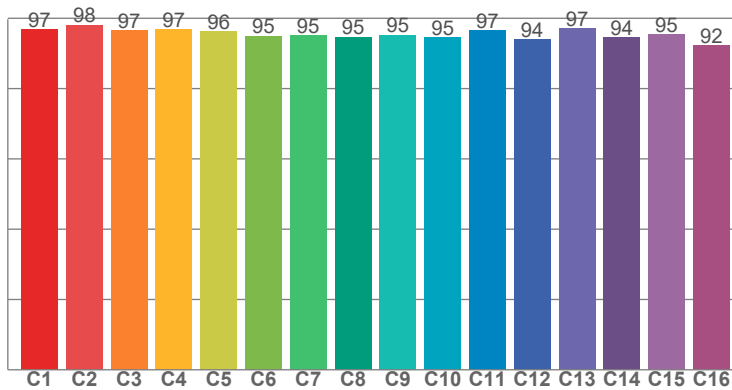
CIE 1931:



CIE 1931 Zoom:



TM30: 95.7



RESOURCE – PHOTOMETRICS

SS_TWH_24v-4.4_DRY_35k

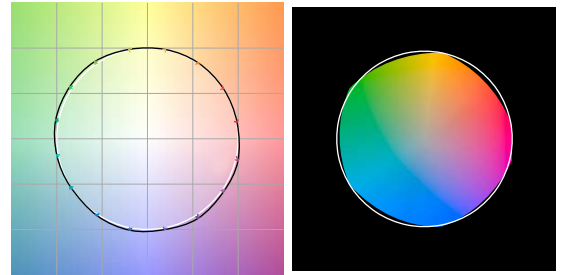


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.8	98.3	93.0	96.4	97.8	97.2	98.0	99.4	97.8	88.6	96.4	98.3	98.9	99.3

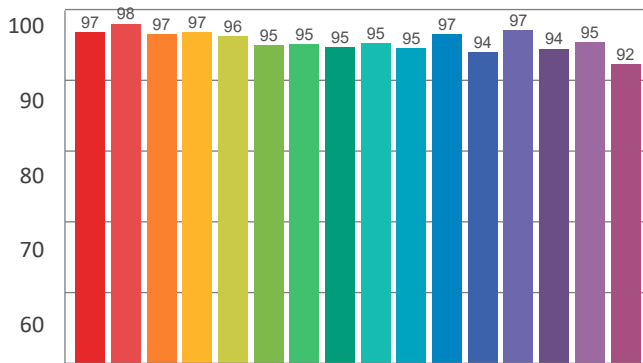
Color Vector



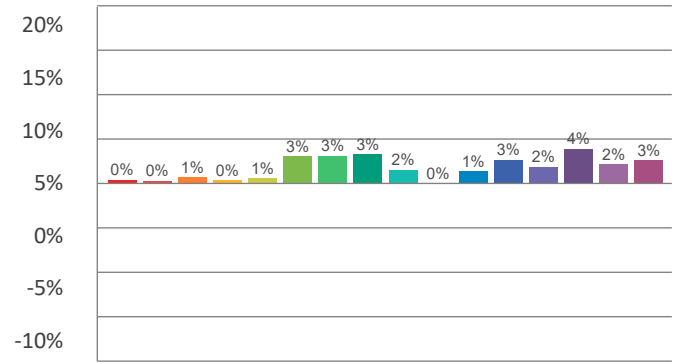
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.8	98.0	96.6	96.7	96.3	95.0	95.1	94.7	95.2	94.5	96.5	94.0	97.1	94.5	95.4	92.3

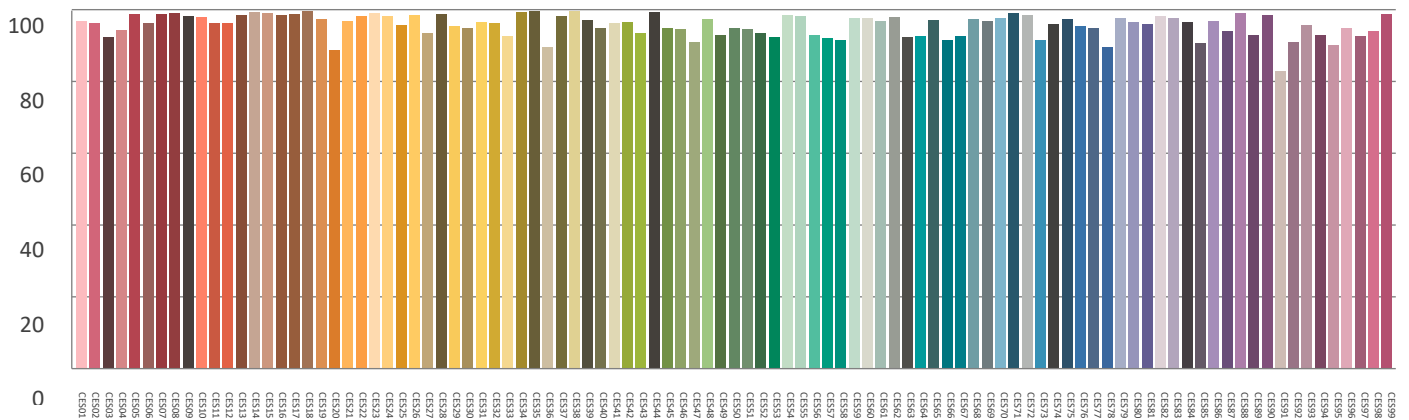
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



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RESOURCE – PHOTOMETRICS

SS_TWH_24v-6.0_DRY_24+35k



Light Efficiency:



Output: 380 lm

Light Quality:



Peak: 129 cd

Power: 6.2 W

PF: 1.0

R9: 94.6

Duv: -0.0020

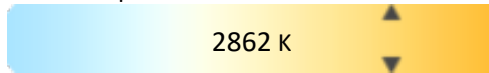
u': 0.256

v': 0.521

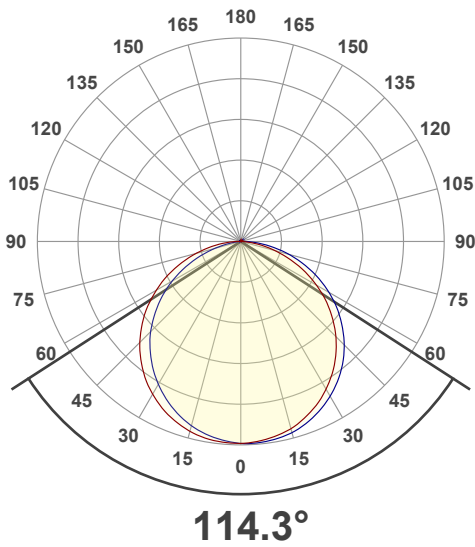
Rg 103.5
Gamut index Rg

Rf 95.5
Fidelity index Rf

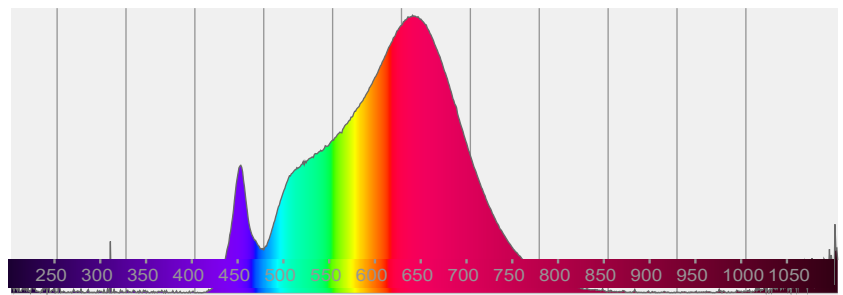
Color Temperature



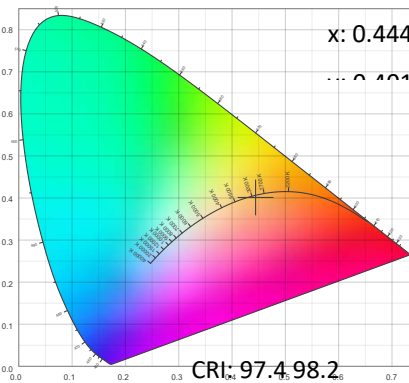
Beam Angle:



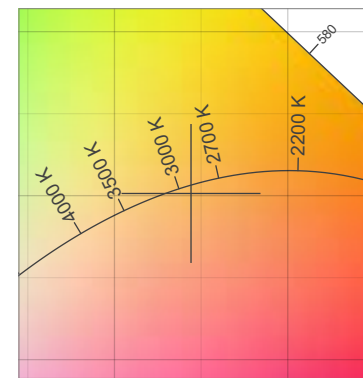
Spectra:



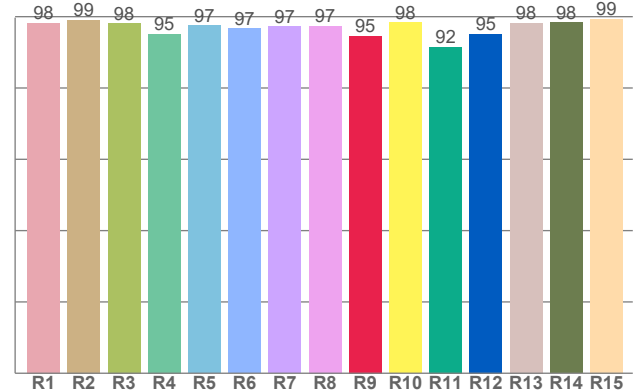
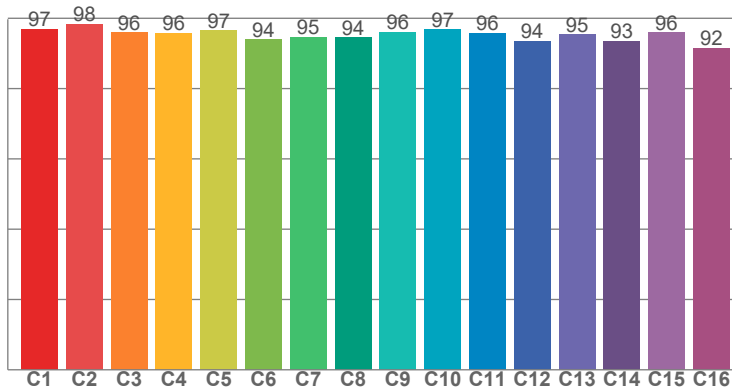
CIE 1931:



CIE 1931 Zoom:



TM30: 95.5



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RESOURCE – PHOTOMETRICS

SS_TWH_24v-6.0_DRY_24+35k

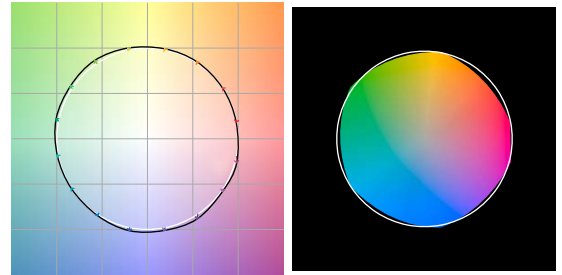


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.1	98.2	95.2	97.5	96.7	97.3	97.4	94.6	98.3	91.5	95.2	98.3	98.3	99.4

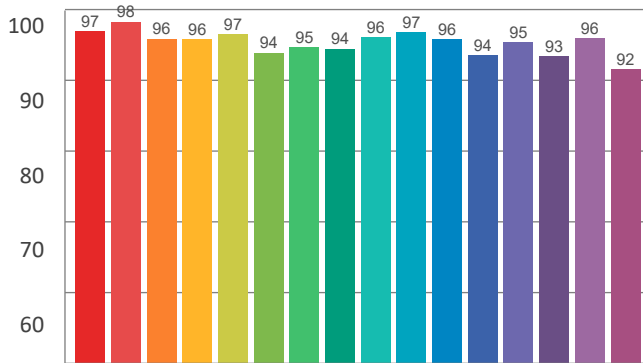
Color Vector



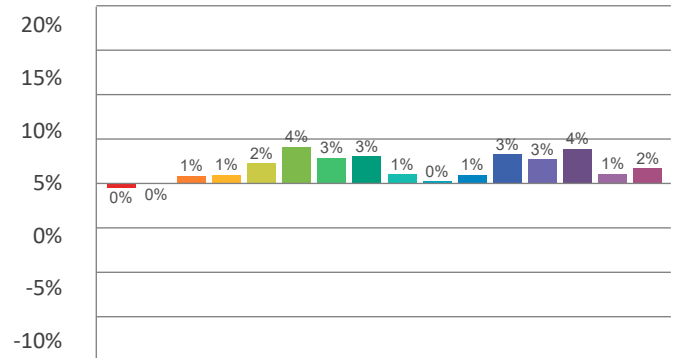
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.0	98.3	95.9	95.9	96.5	93.9	94.7	94.5	96.1	96.7	95.8	93.6	95.3	93.5	95.9	91.6

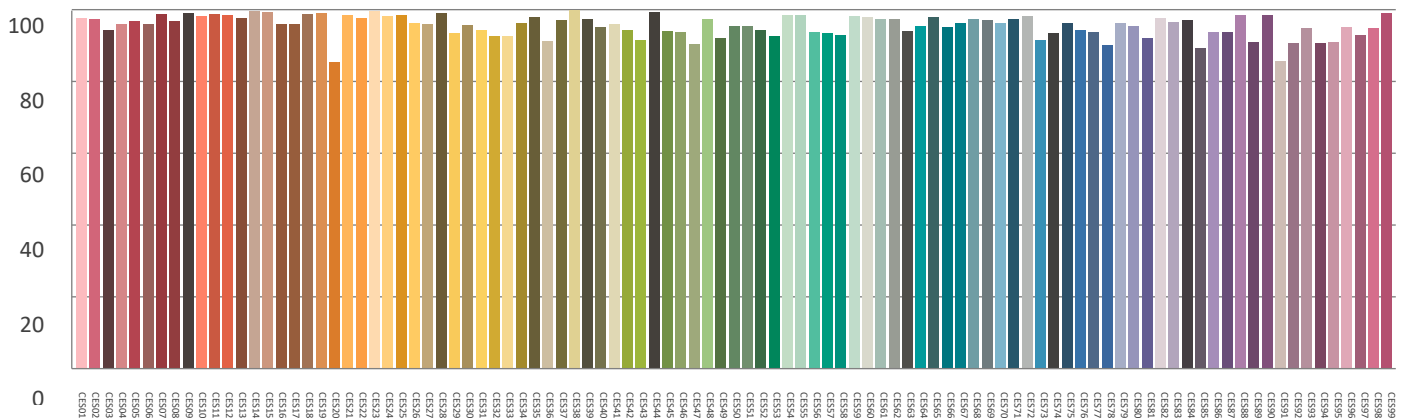
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_TWH_24v-6.0_DRY_24k



Light Efficiency:



Output: 191 lm

Light Quality:



Peak: 65.7 cd

Power: 3.1 W

PF: 1.0

R9: 82.5

Duv: 0.0008

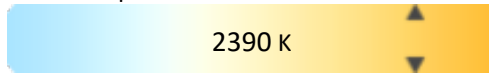
u': 0.278

v': 0.534

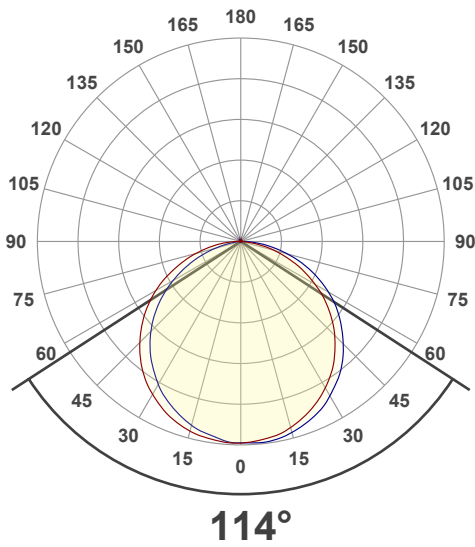
Rg 101.1
Gamut index Rg

Rf 95.1
Fidelity index Rf

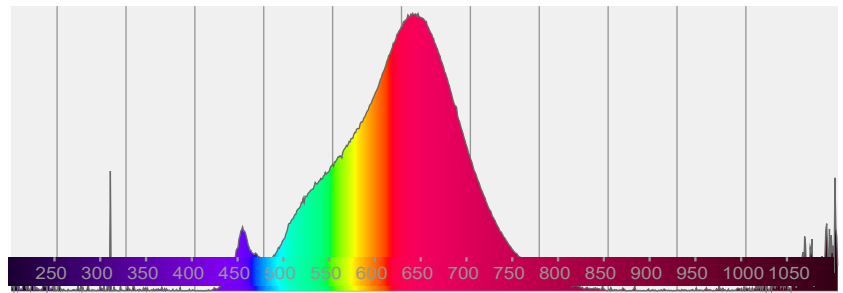
Color Temperature



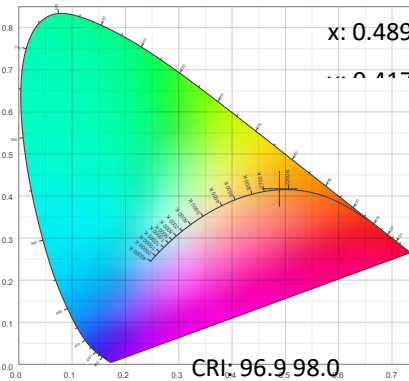
Beam Angle:



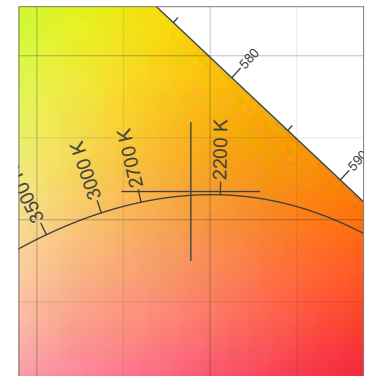
Spectra:



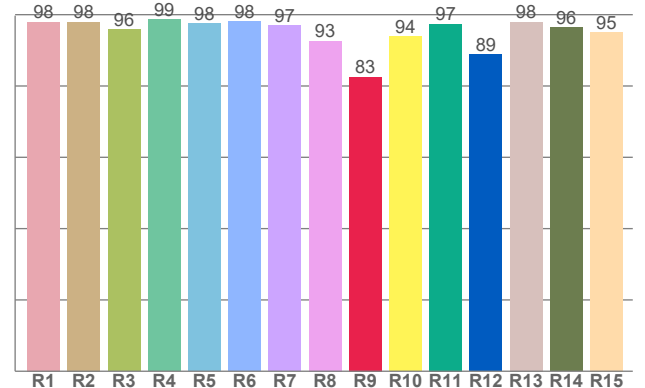
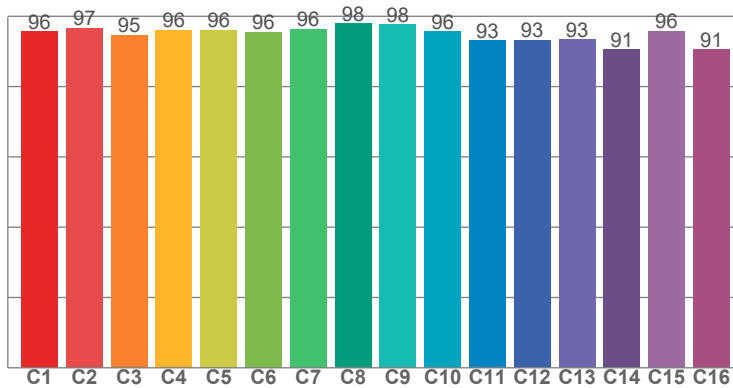
CIE 1931:



CIE 1931 Zoom:



TM30: 95.1



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RESOURCE – PHOTOMETRICS

SS_TWH_24v-6.0_DRY_24k

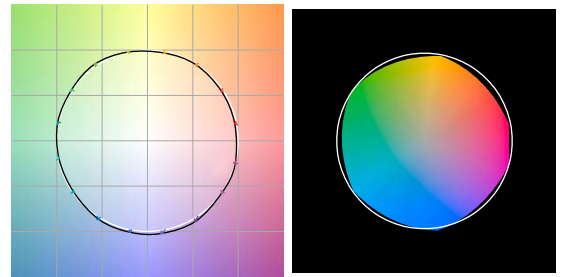


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	97.9	95.9	98.6	97.6	98.1	97.0	92.6	82.5	93.9	97.4	88.8	98.0	96.4	95.1

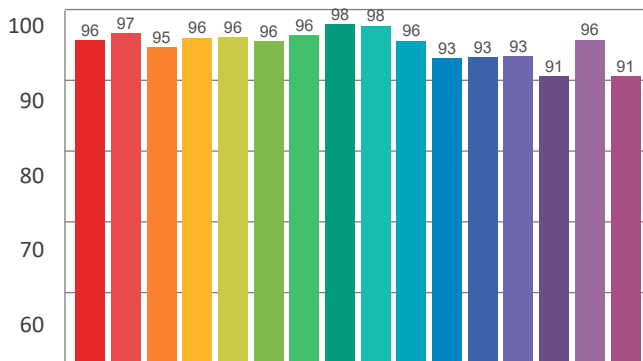
Color Vector



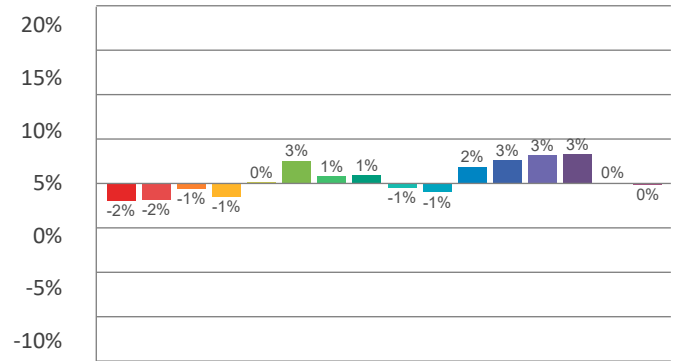
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.7	96.7	94.6	96.0	96.2	95.6	96.4	97.9	97.7	95.6	93.1	93.3	93.3	90.6	95.7	90.5

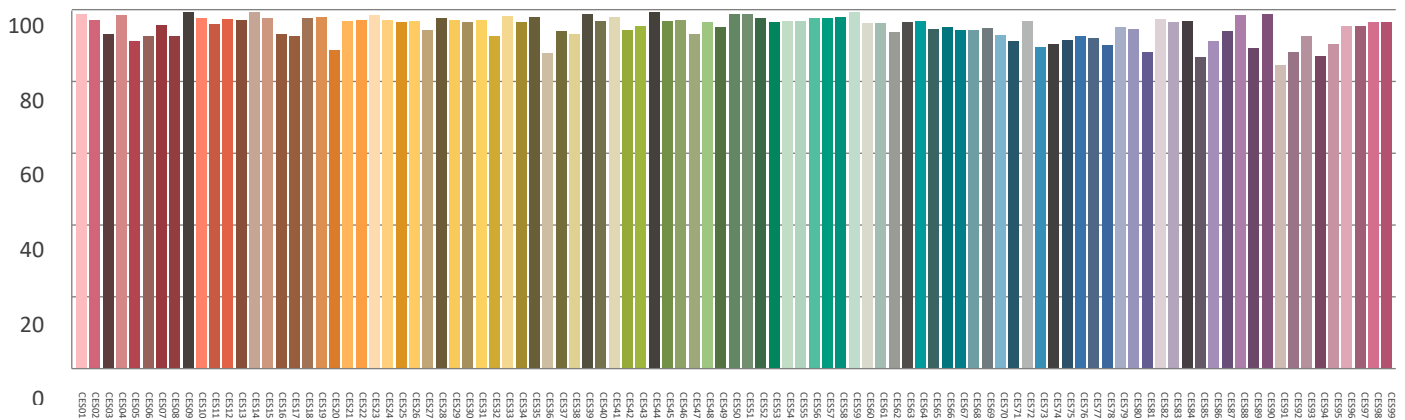
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



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RESOURCE – PHOTOMETRICS

SS_TWH_24v-6.0_DRY_35k



Light Efficiency:



Output: 194 lm

Light Quality:



Peak: 66.3 cd

Power: 3.1 W

PF: 1.0

R9: 98.8

Duv: -0.0005

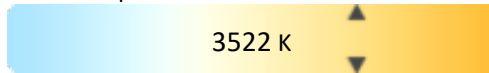
u': 0.236

v': 0.510

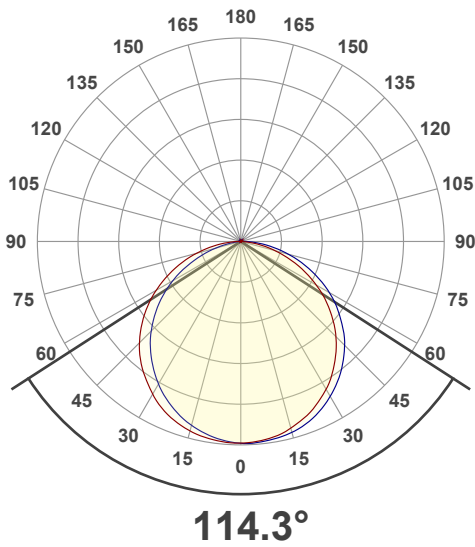
Rg 103.3
Gamut index Rg

Rf 95.9
Fidelity index Rf

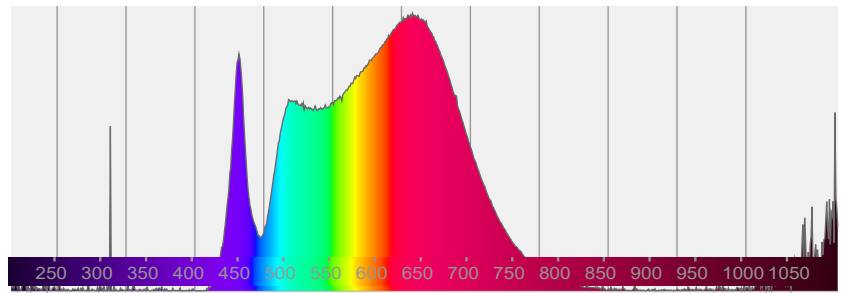
Color Temperature



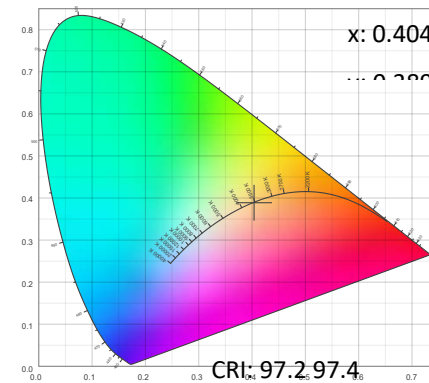
Beam Angle:



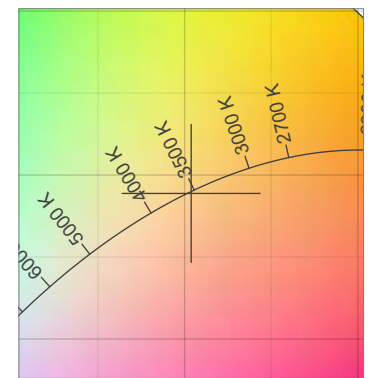
Spectra:



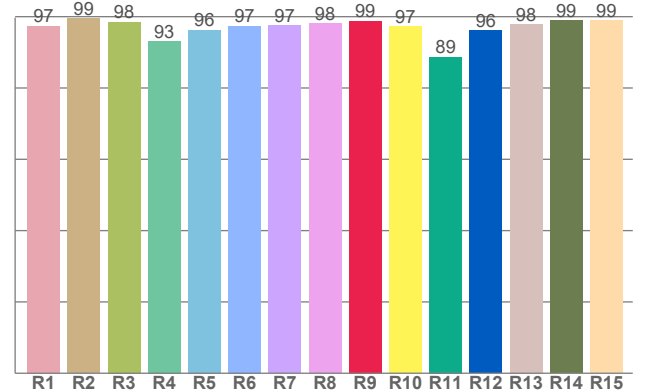
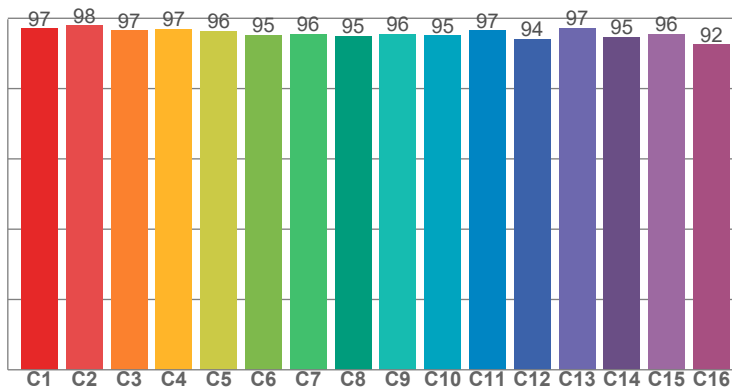
CIE 1931:



CIE 1931 Zoom:



TM30: 95.9



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RESOURCE – PHOTOMETRICS

SS_TWH_24v-6.0_DRY_35k

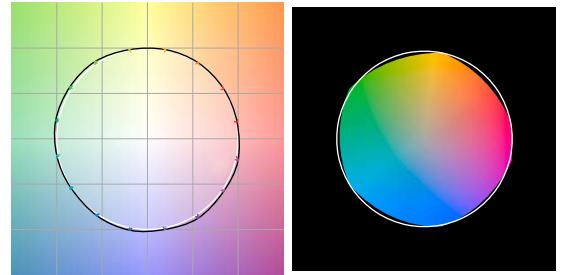


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	99.5	98.5	93.1	96.3	97.4	97.5	98.1	98.8	97.2	88.7	96.2	97.9	98.9	99.0

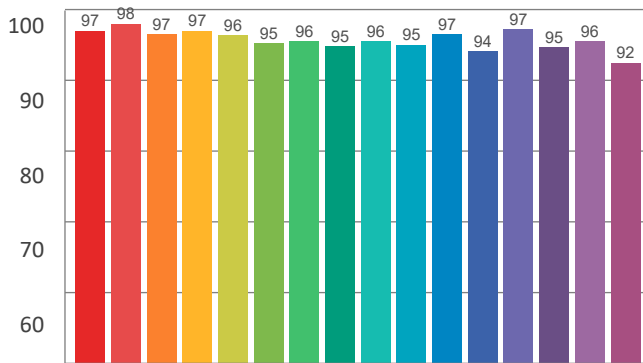
Color Vector



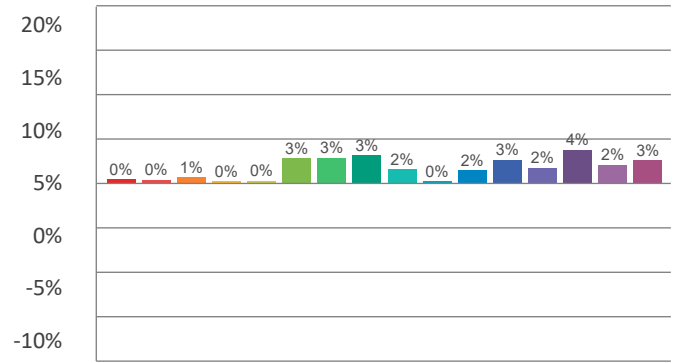
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.0	98.0	96.5	97.0	96.4	95.2	95.5	94.9	95.5	95.0	96.5	94.1	97.2	94.6	95.5	92.5

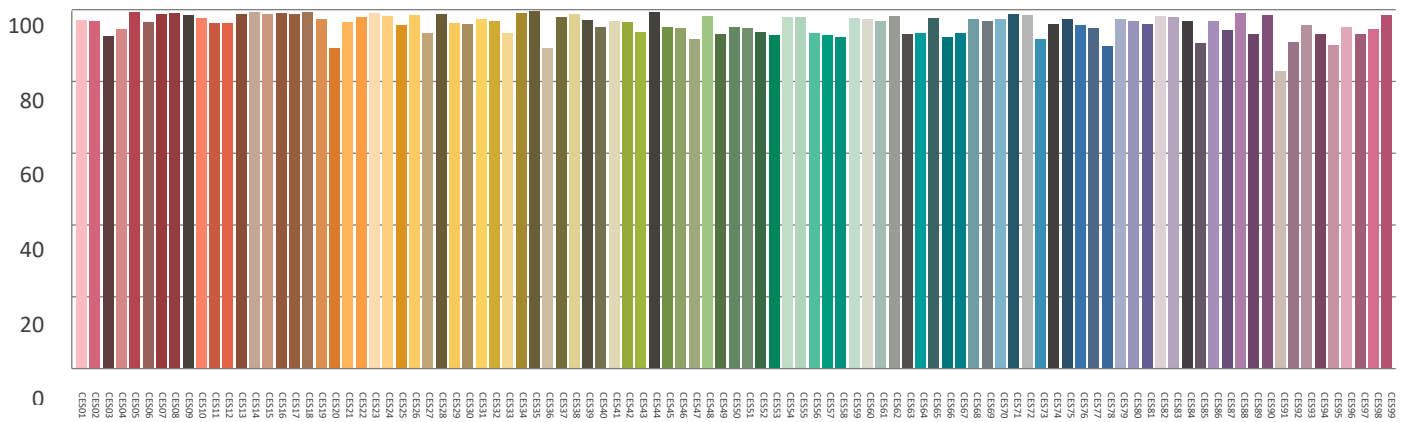
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



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