

RESOURCE – PHOTOMETRICS

1 foot TWH 3.0W/FT Dry 22/30K Both channels



Light Efficiency:



Output: 196 lm

Light Quality:



Peak: 67.1 cd

Power: 3.3 W

PF: 1.0

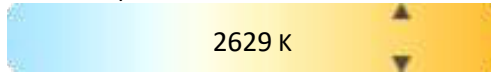
R9: 94.0

Duv: -0.0008

u': 0.266

v': 0.528

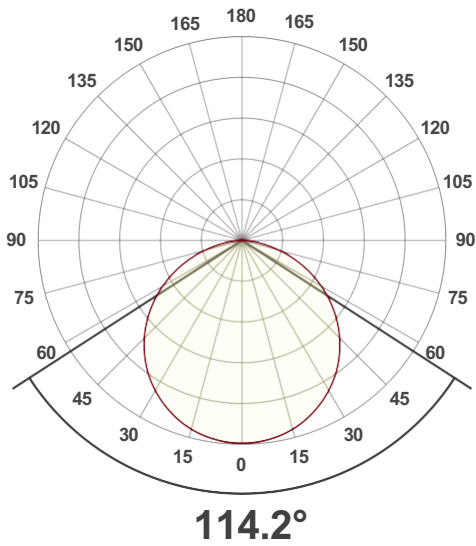
Color Temperature



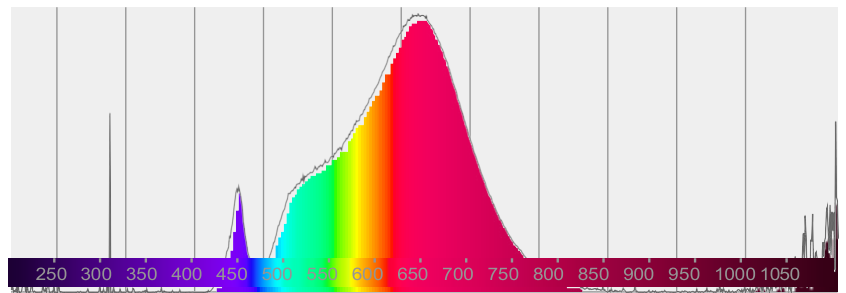
Rg 104.9
Gamut index Rg

Rf 93.5
Fidelity index Rf

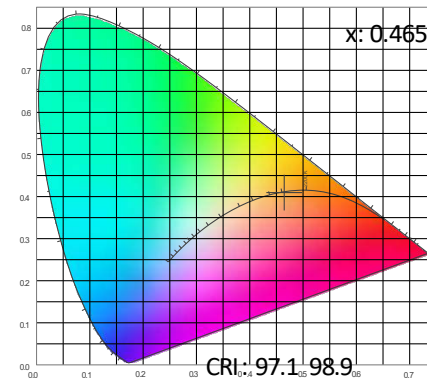
Beam Angle:



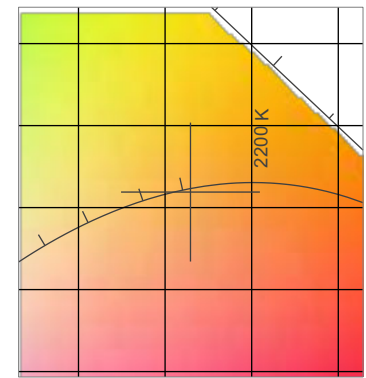
Spectra:



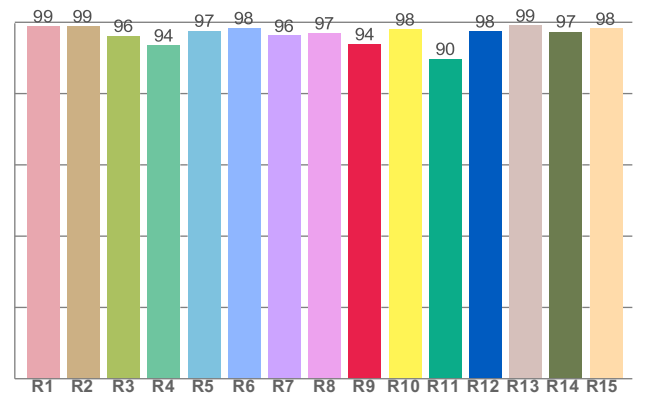
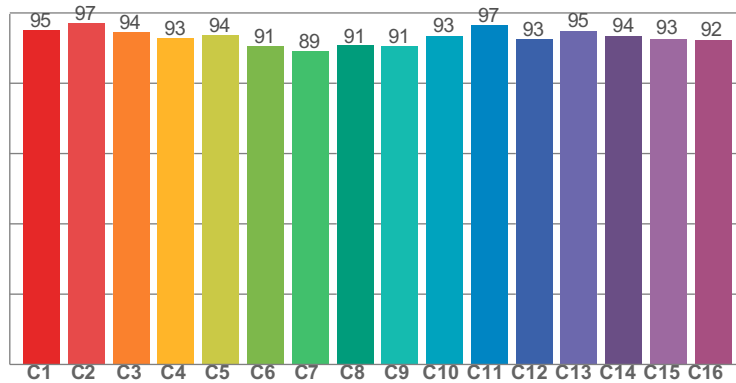
CIE 1931:



CIE 1931 Zoom:



TM30: 93.5



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PROJECT

FIXTURE

PHASE

DATE

800.595.6302

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RESOURCE – PHOTOMETRICS

1 foot TWH 3.0W/FT Dry 22/30K Both channels

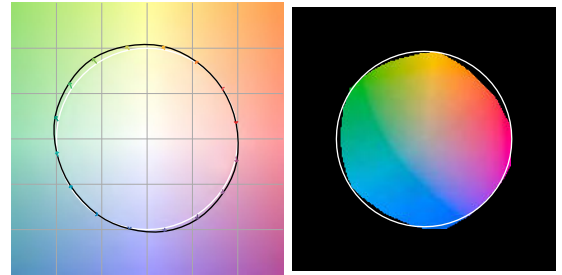


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

Color Vector

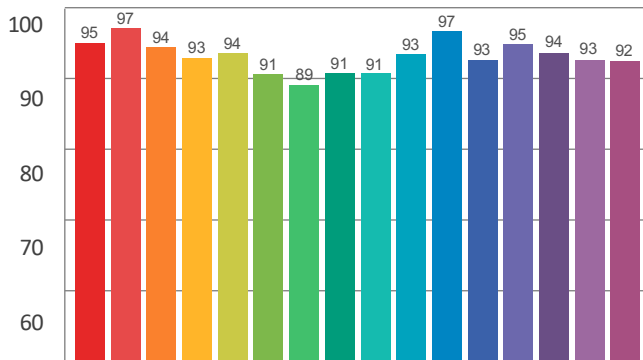
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	98.9	96.2	93.5	97.4	98.4	96.4	96.9	94.0	98.1	89.8	97.6	99.2	97.2	98.3



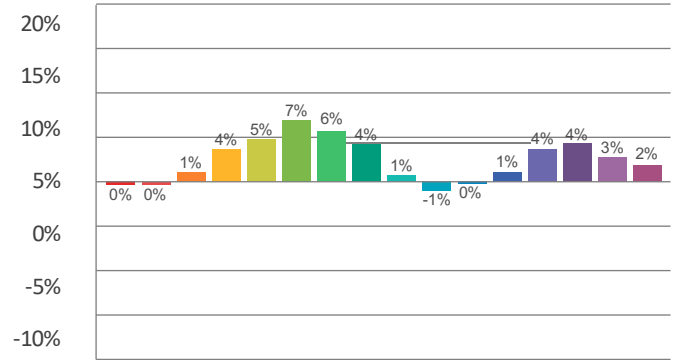
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.1	97.1	94.5	92.8	93.6	90.7	89.1	90.8	90.7	93.5	96.7	92.7	94.9	93.6	92.7	92.4

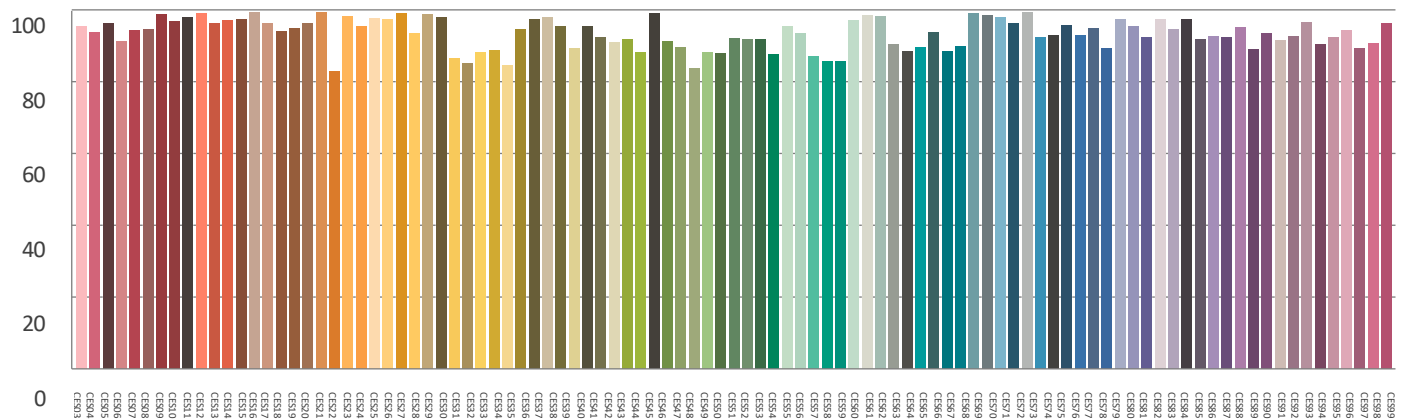
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

1 foot TWH 3.0W/FT Dry 22/30K 22K only



Light Efficiency:



Output: 89.8 lm

Light Quality:



Peak: 30.9 cd

Power: 1.7 W

PF: 1.0

R9: 89.5

Duv: 0.0003

u': 0.288

v': 0.536

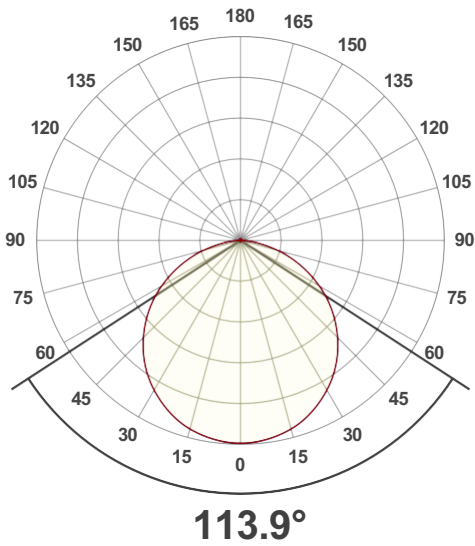
Color Temperature



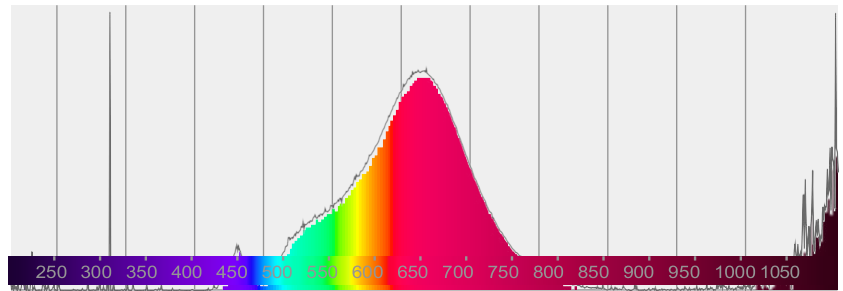
Rg 104.7
Gamut index Rg

Rf 92.1
Fidelity index Rf

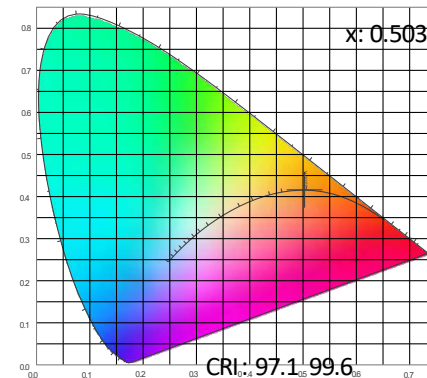
Beam Angle:



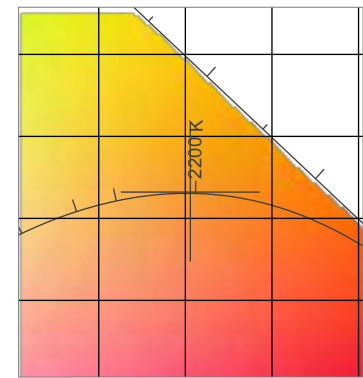
Spectra:



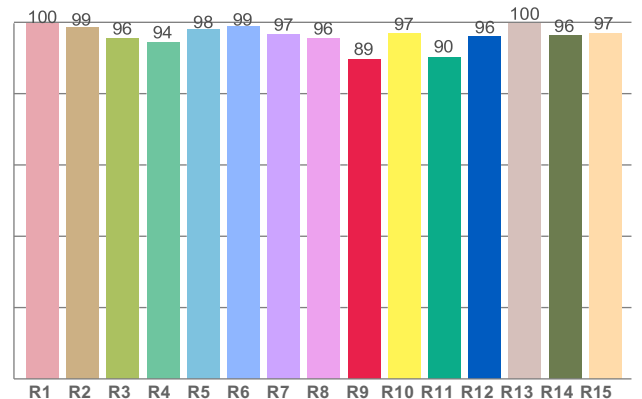
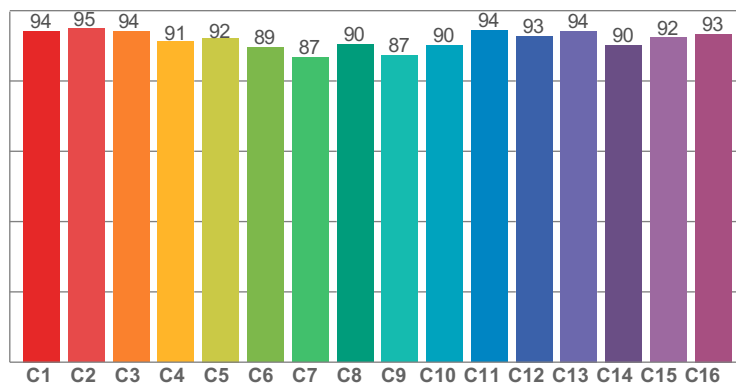
CIE 1931:



CIE 1931 Zoom:



TM30: 92.1



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RESOURCE – PHOTOMETRICS

1 foot TWH 3.0W/FT Dry 22/30K 22K only

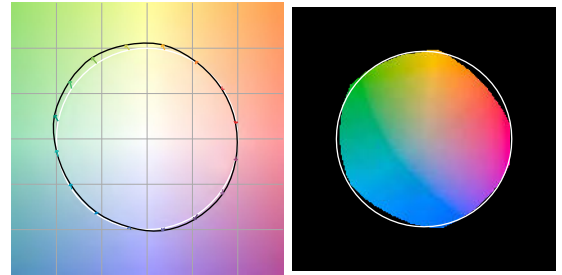


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

Color Vector

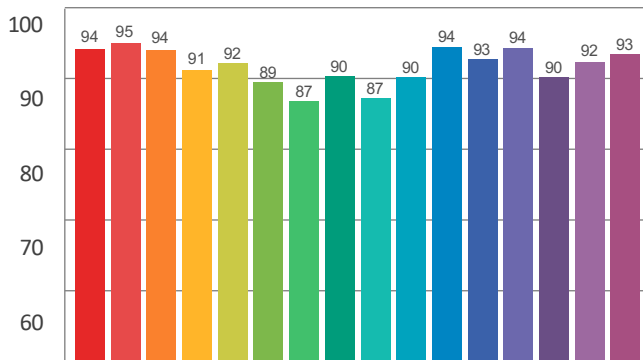
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.6	98.6	95.5	94.4	97.9	98.8	96.7	95.6	89.5	96.8	90.1	96.0	99.7	96.4	97.0



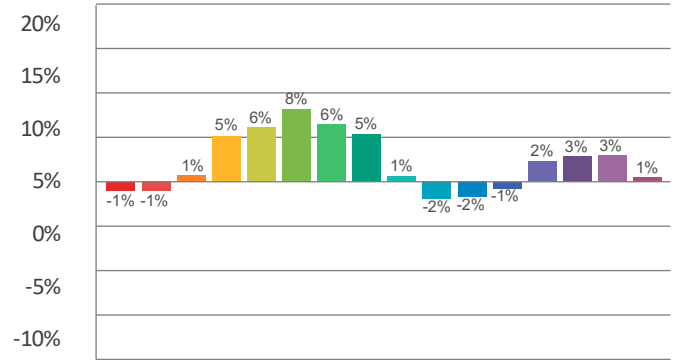
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.2	95.0	94.0	91.2	92.2	89.5	86.8	90.4	87.2	90.2	94.4	92.8	94.3	90.2	92.3	93.4

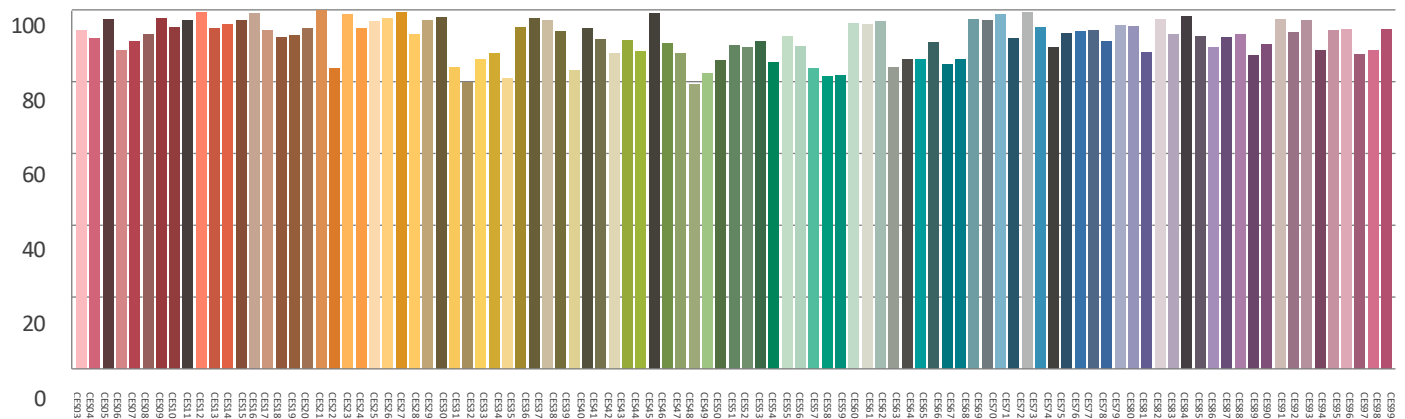
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

1 foot TWH 3.0W/FT Dry 22/30K 30K only



Light Efficiency:



Output: 108 lm

Light Quality:



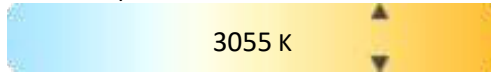
Peak: 36.9 cd

Power: 1.7 W

PF: 1.0

Rg 103.7
Gamut index Rg

Color Temperature



R9: 92.0

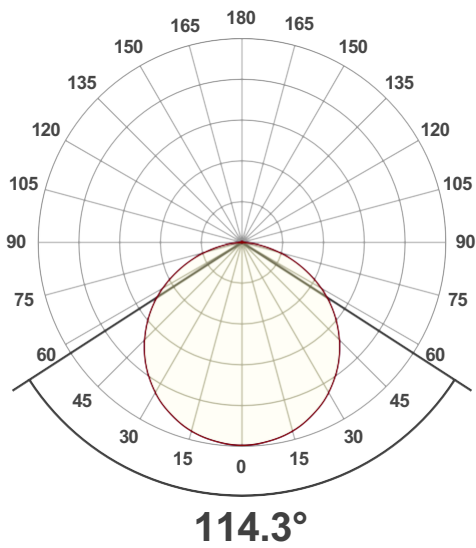
Duv: 0.0007

u': 0.249

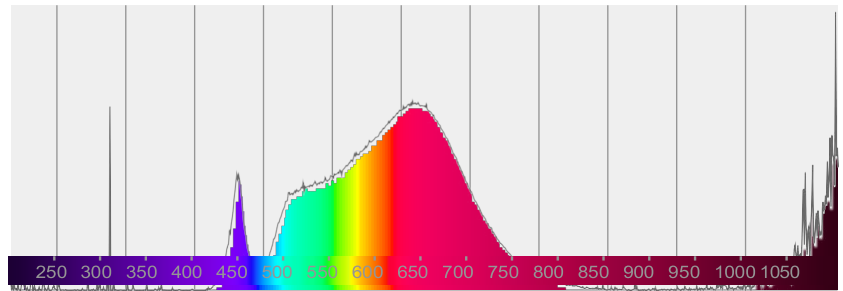
v': 0.521

Rf 94.6
Fidelity index Rf

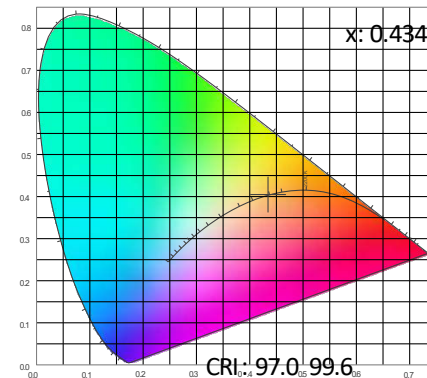
Beam Angle:



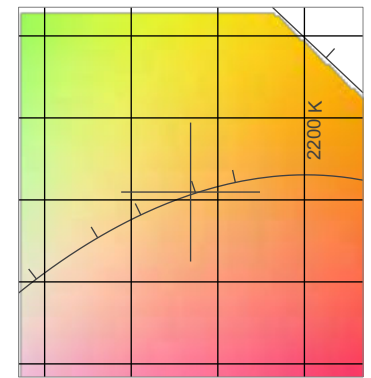
Spectra:



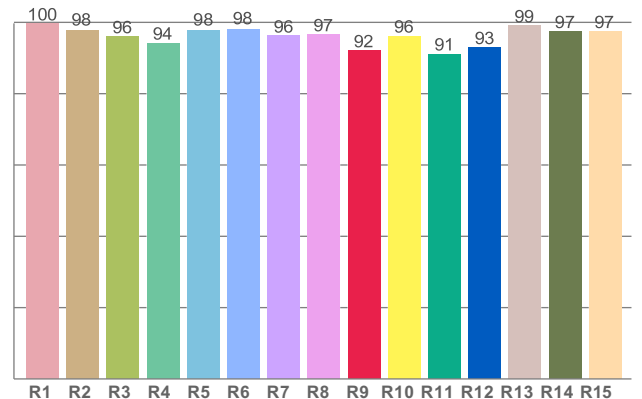
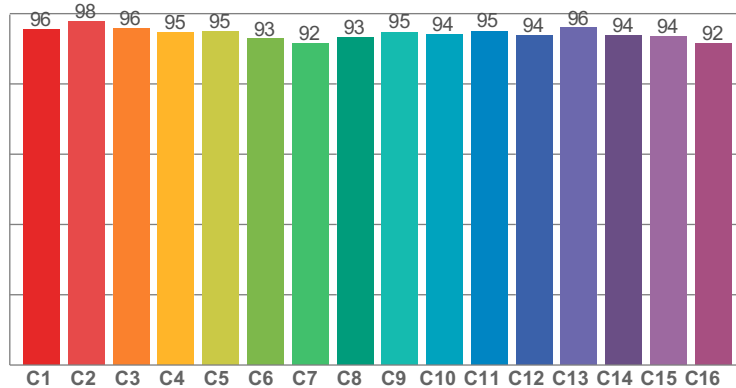
CIE 1931:



CIE 1931 Zoom:



TM30: 94.6



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RESOURCE – PHOTOMETRICS

1 foot TWH 3.0W/FT Dry 22/30K 30K only

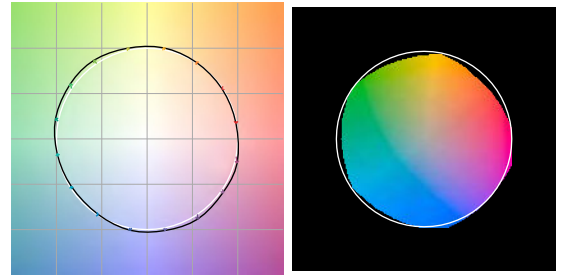


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

Color Vector

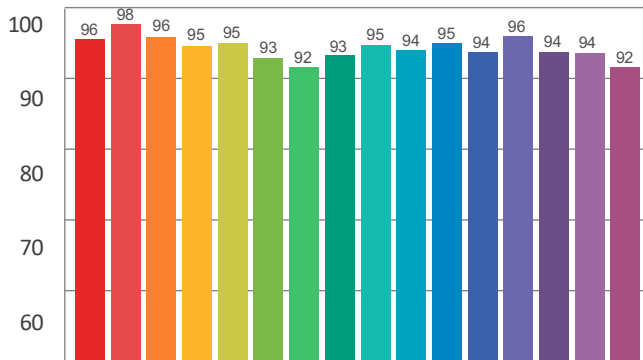
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.6	97.8	96.0	94.1	97.9	98.1	96.2	96.6	92.0	96.1	91.1	93.0	99.1	97.5	97.3



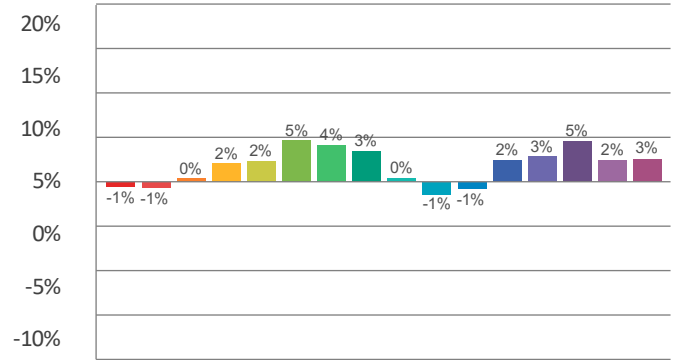
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.5	97.7	95.9	94.6	94.9	92.9	91.6	93.3	94.7	94.1	95.0	93.7	96.0	93.7	93.6	91.6

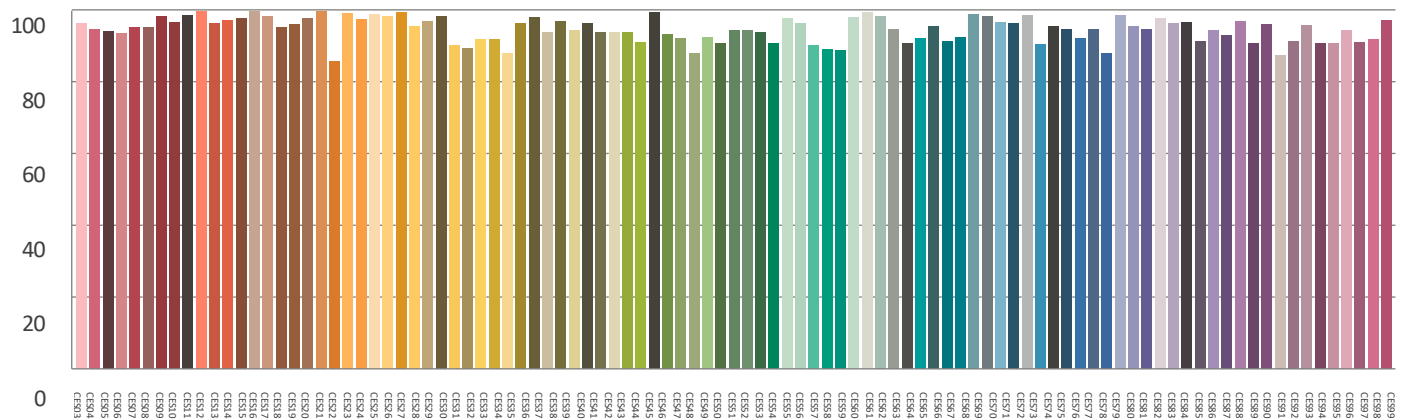
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_TW_H_24v-3.0_DRY_24+35k

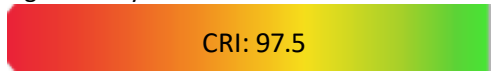


Light Efficiency:



Output: 216 lm

Light Quality:



Peak: 73.7 cd

Power: 3.3 W

PF: 1.0

R9: 96.3

Duv: -0.0015

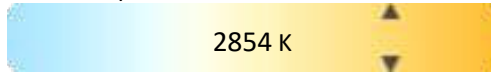
u': 0.257

v': 0.522

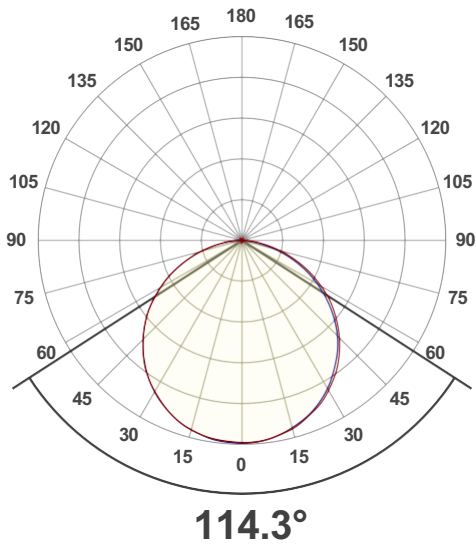
Rg 103.4
Gamut index Rg

Rf 95.7
Fidelity index Rf

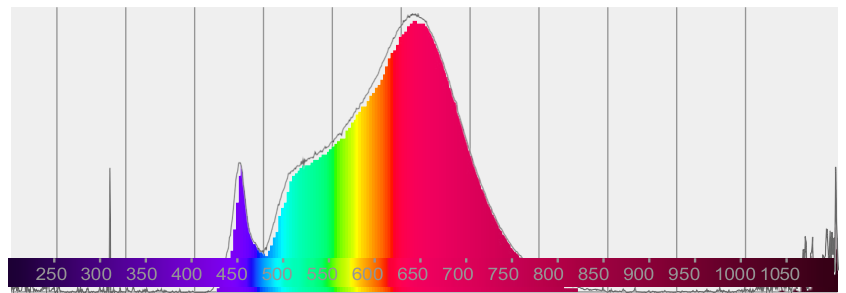
Color Temperature



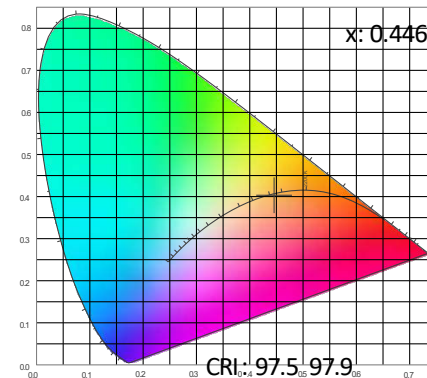
Beam Angle:



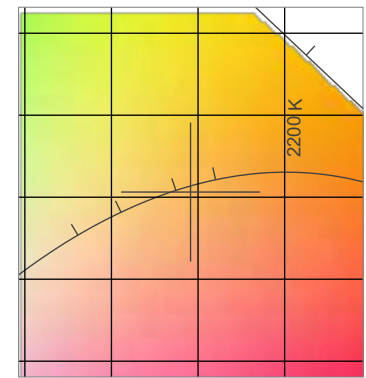
Spectra:



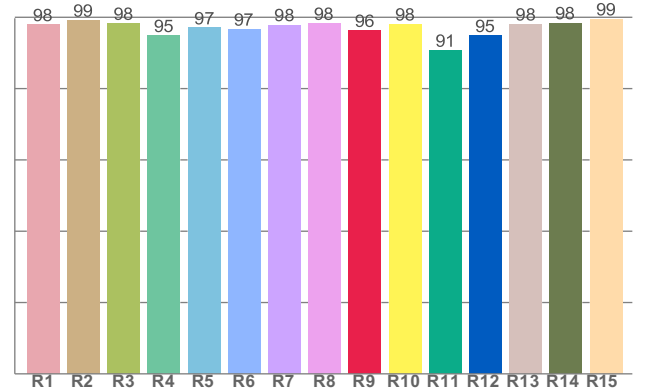
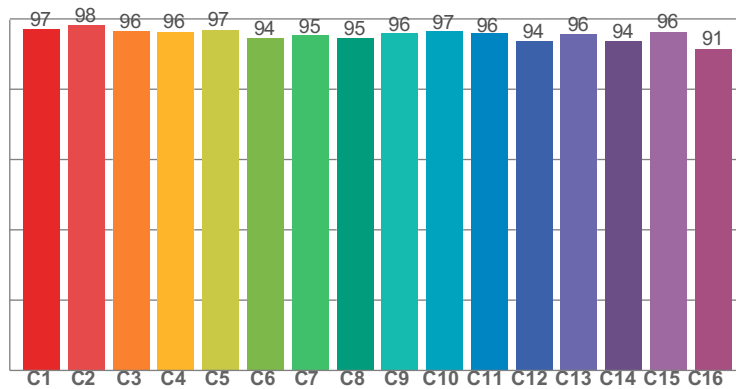
CIE 1931:



CIE 1931 Zoom:



TM30: 95.7



RESOURCE – PHOTOMETRICS

SS_TWH_24v-3.0_DRY_24+35k

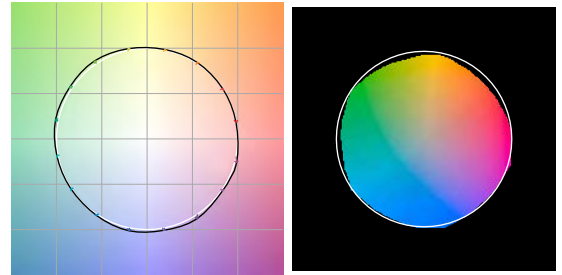


CRI R values, only R1-R8 are used to calculate final CRI value

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

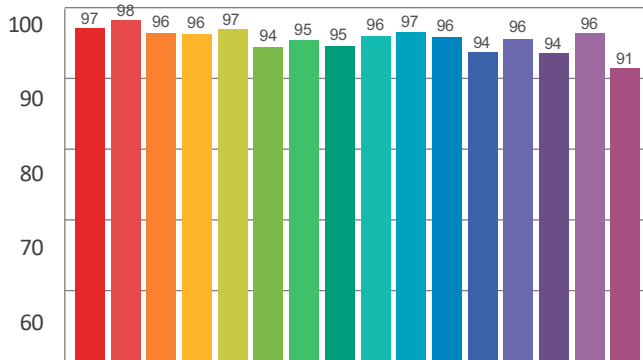
Color Vector



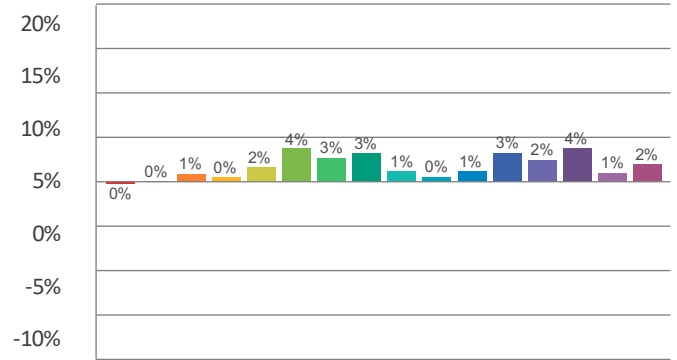
TM30 C values, 16 binned values out of total of 99 C values

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

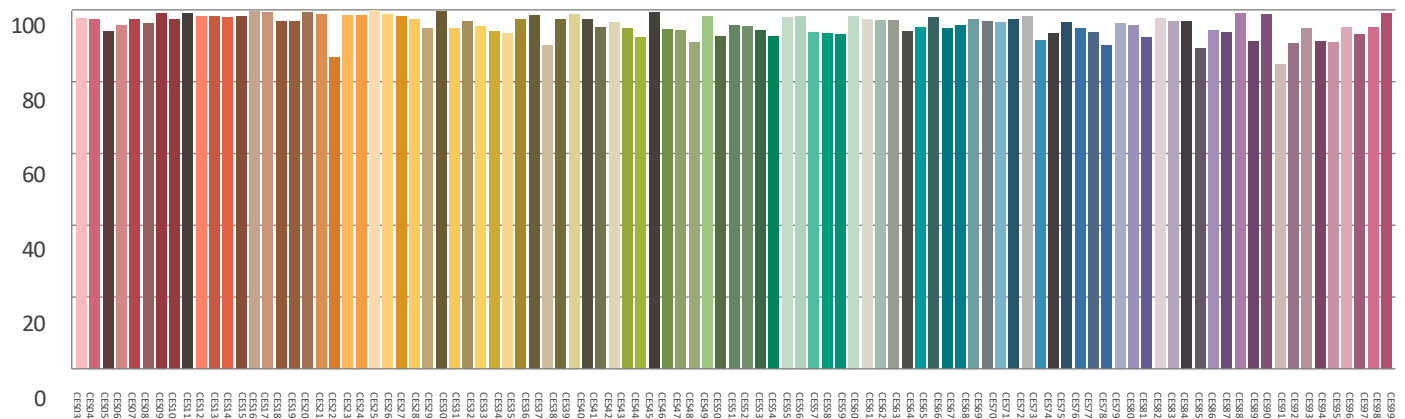
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_TWH_24v-3.0_DRY_24k



Light Efficiency:



Light Quality:



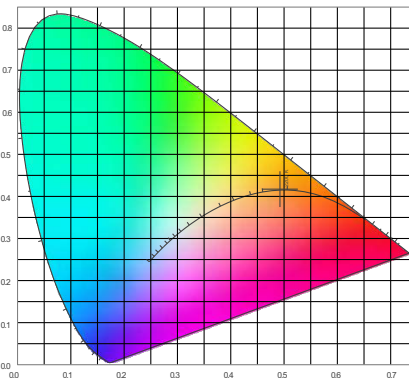
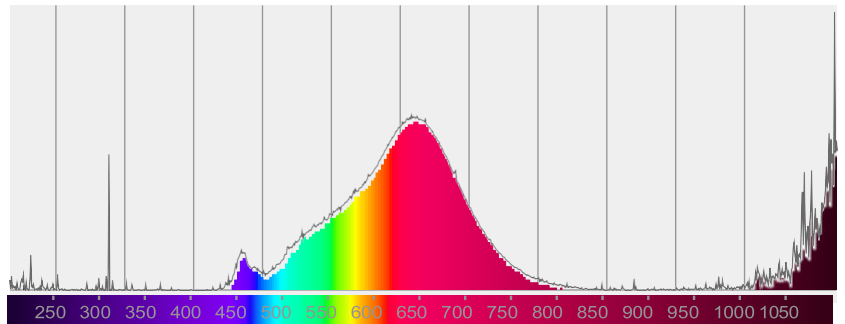
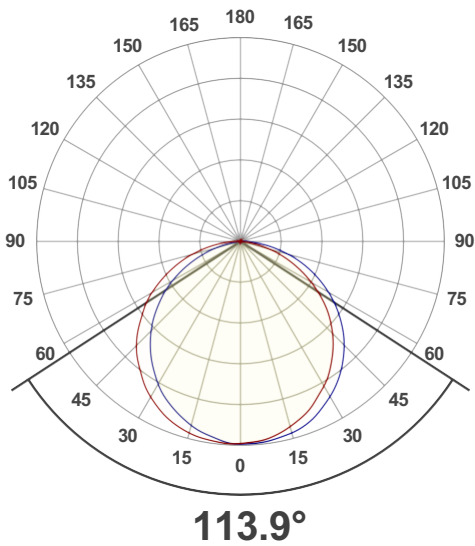
Color Temperature



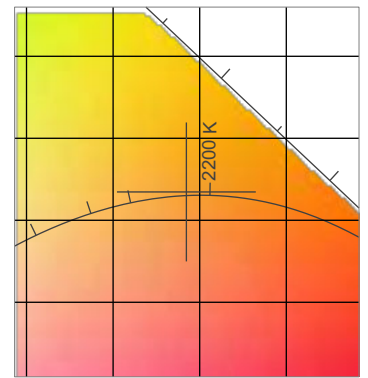
D :

u' :

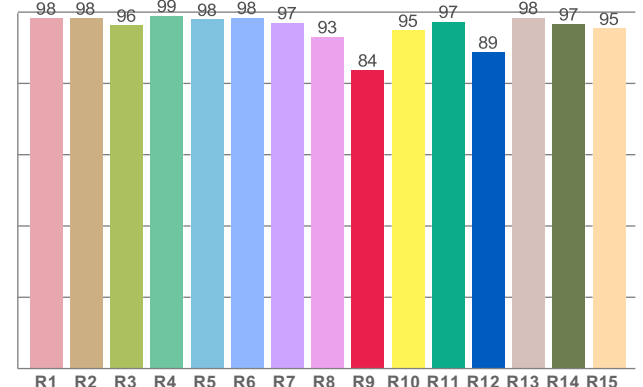
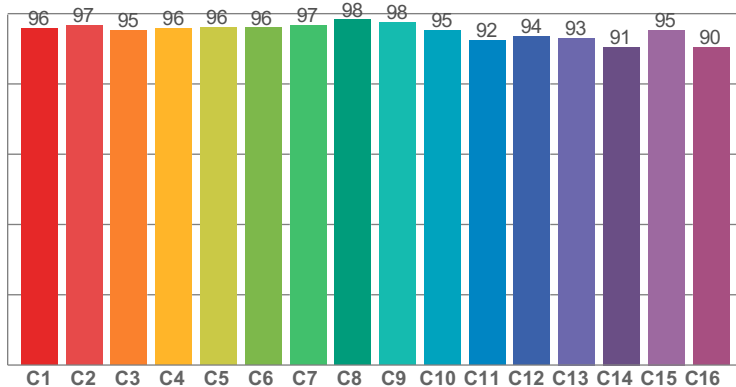
v' :



CIE 1931 Zoom:



CRI: 97.3 98.3



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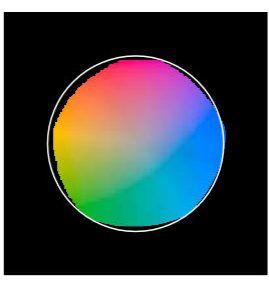
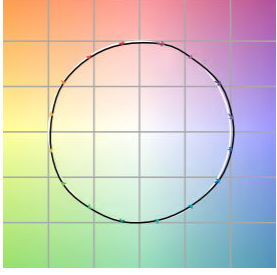
RESOURCE – PHOTOMETRICS

SS_TWH_24v-3.0_DRY_24k



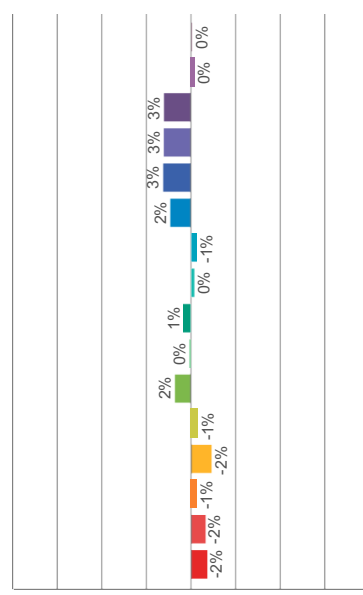
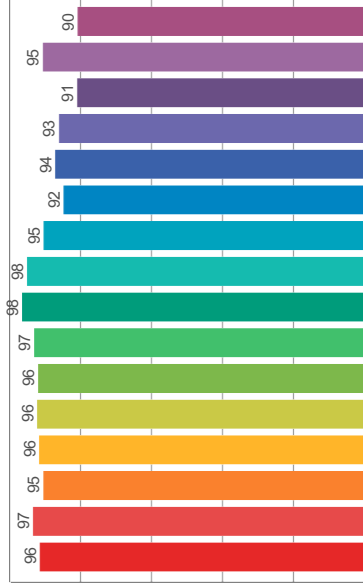
CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

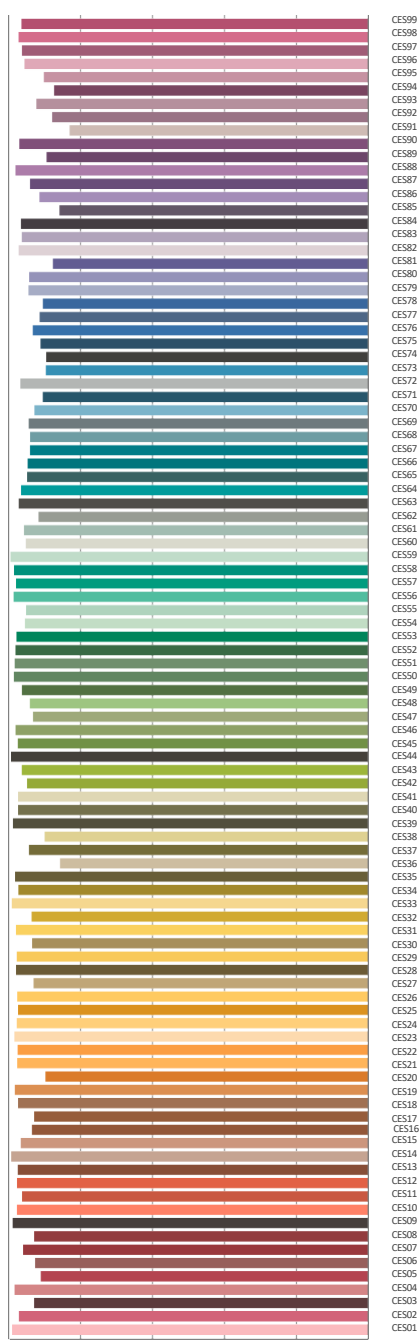


TM30 C values, 16 binned values out of total of 99 C values

Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

SS_TWH_24v-3.0_DRY_24k



Light Efficiency:



Light Quality:



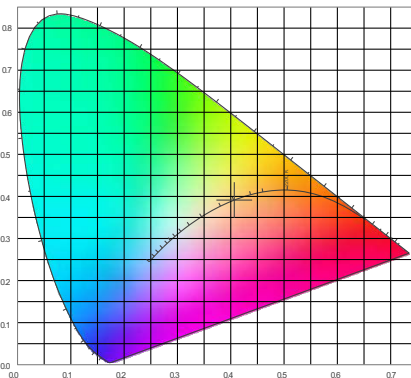
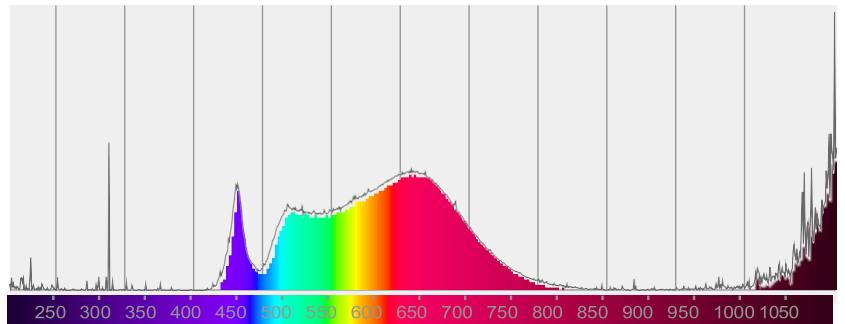
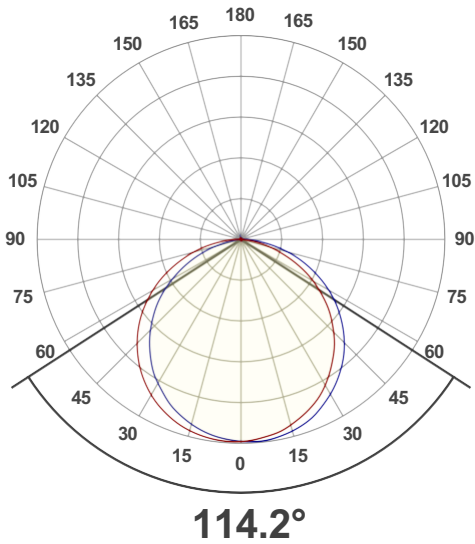
Color Temperature



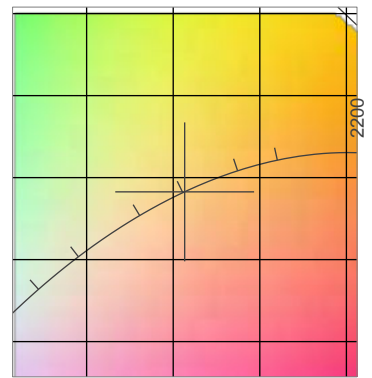
D : -

u':

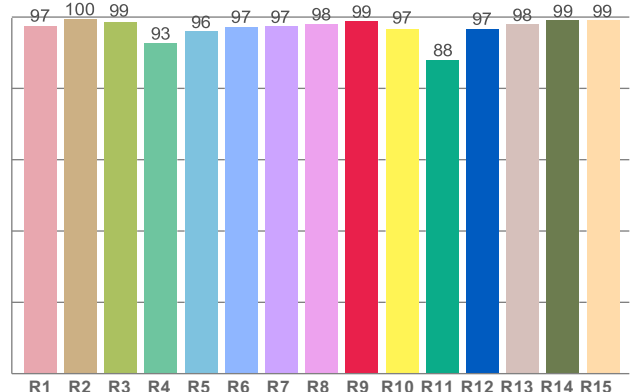
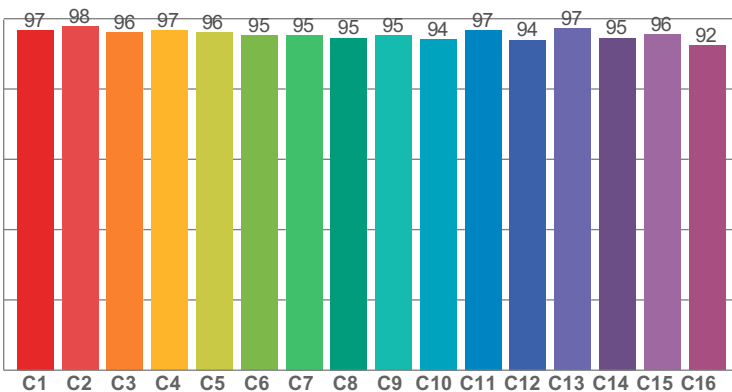
v':



CIE 1931 Zoom:



CRI: 97.1 97.4



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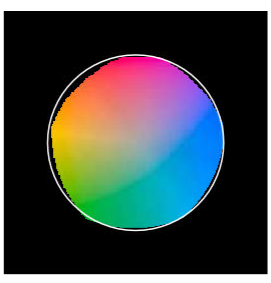
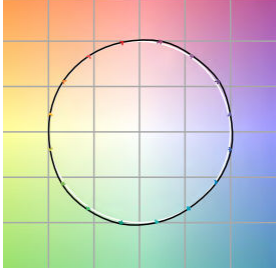
RESOURCE – PHOTOMETRICS

SS_TWH_24v-3.0_DRY_24k



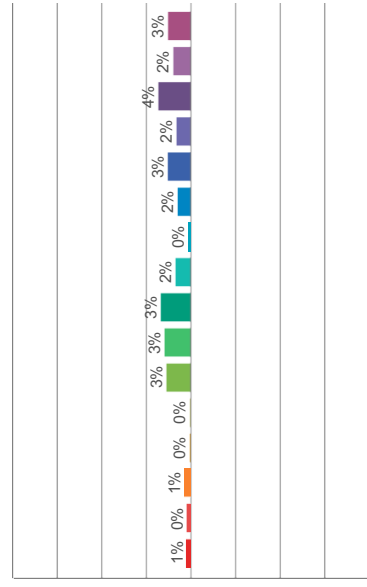
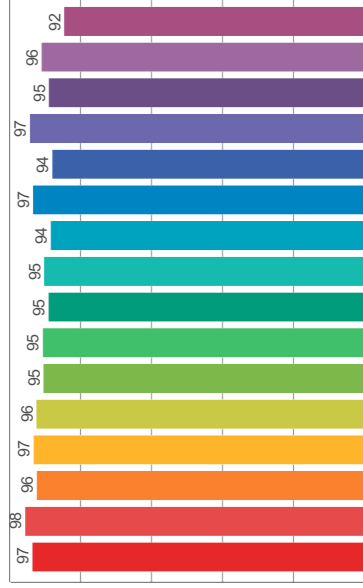
CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

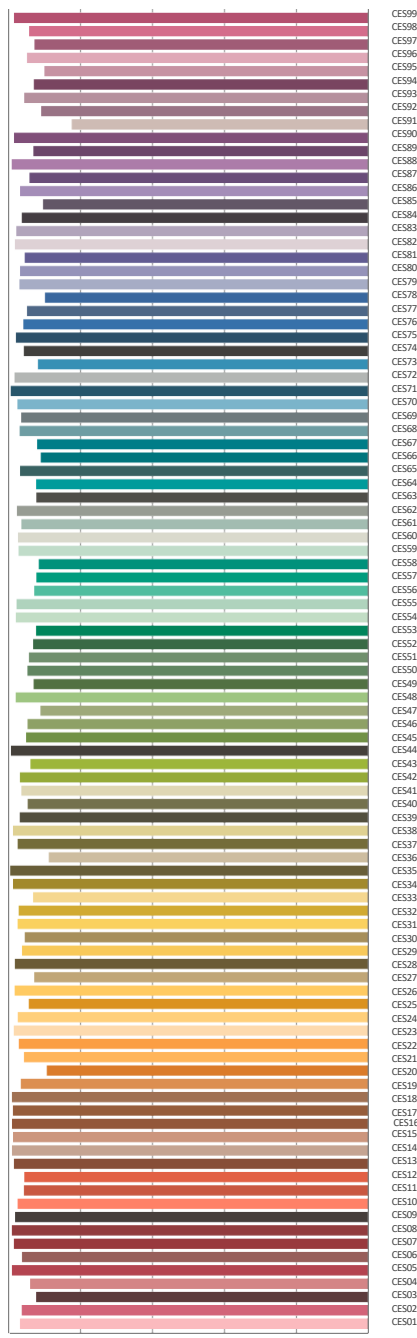


TM30 C values, 16 binned values out of total of 99 C values

Chroma Shift by Hue



Color Evaluation Sample



CES99
CES98
CES97
CES96
CES95
CES94
CES93
CES92
CES91
CES90
CES89
CES88
CES87
CES86
CES85
CES84
CES83
CES82
CES81
CES80
CES79
CES78
CES77
CES76
CES75
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CES02
CES01

RESOURCE – PHOTOMETRICS



Light Efficiency:



Output: 272 lm

Light Quality:



Peak: 93.1 cd

Power: 4.8 W

PF: 1.0

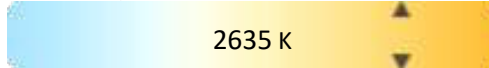
R9: 92.4

Duv: -0.0011

u': 0.266

v': 0.527

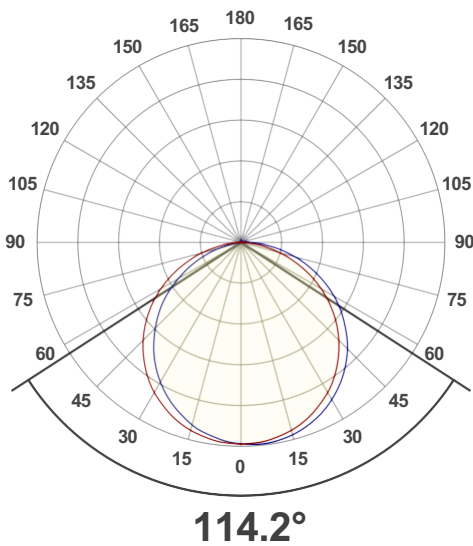
Color Temperature



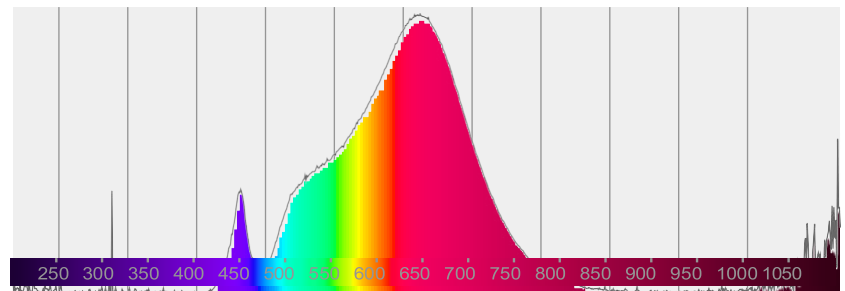
Rg 105.0
Gamut index Rg

Rf 93.2
Fidelity index Rf

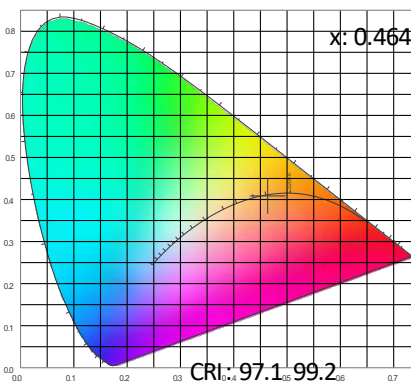
Beam Angle:



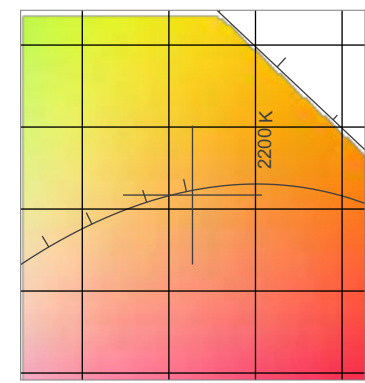
Spectra:



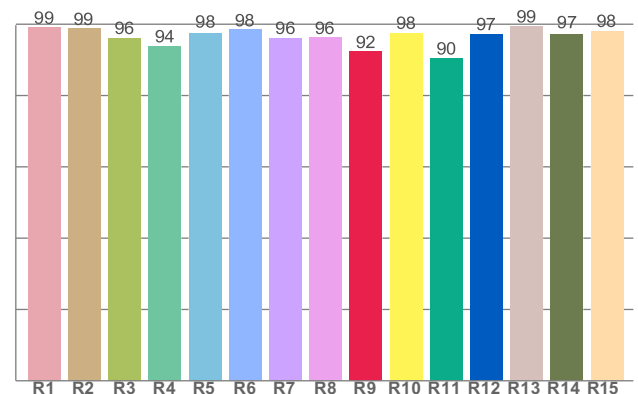
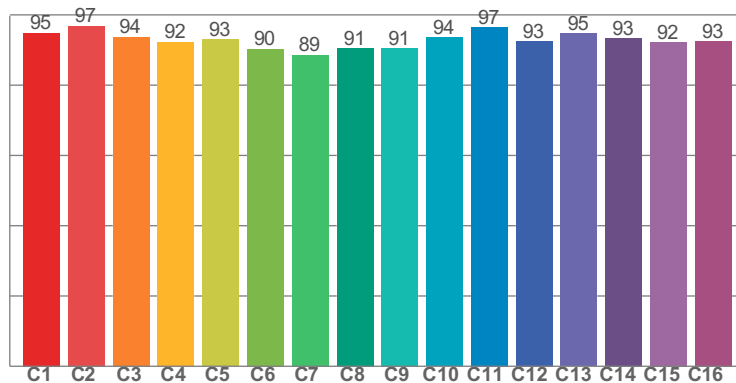
CIE 1931:



CIE 1931 Zoom:



TM30: 93.2



RESOURCE – PHOTOMETRICS

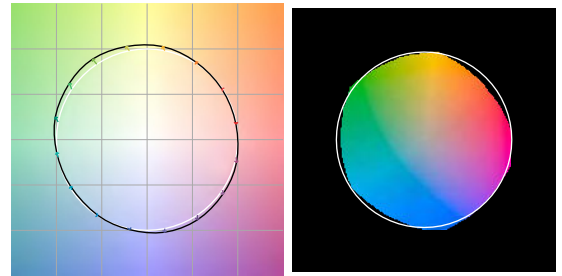


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.2	98.8	96.2	93.8	97.6	98.5	96.2	96.3	92.4	97.6	90.4	97.2	99.4	97.1	98.0

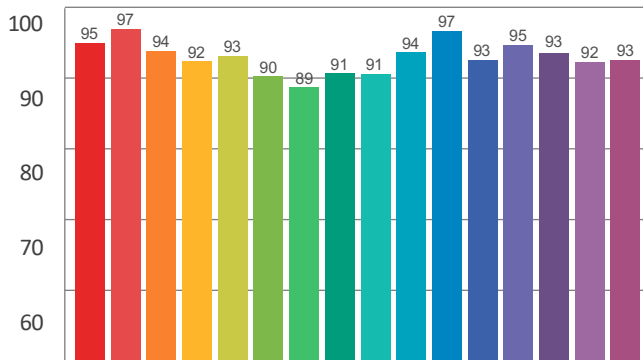
Color Vector



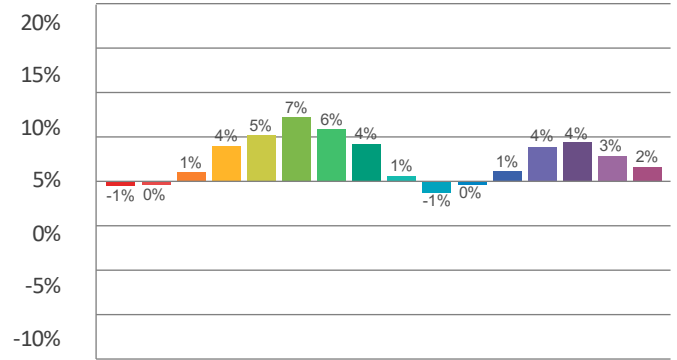
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.9	96.9	93.7	92.3	93.1	90.3	88.6	90.6	90.6	93.6	96.5	92.5	94.7	93.5	92.2	92.5

Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample

