

RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-3.0-IP20-22



Light Efficiency:



Output: 246 lm

Light Quality:



Peak: 85.3 cd

Power: 3.1 W

PF: 1.0

R9: 94.2

Duv: -0.0002

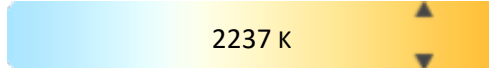
u': 0.288

v': 0.535

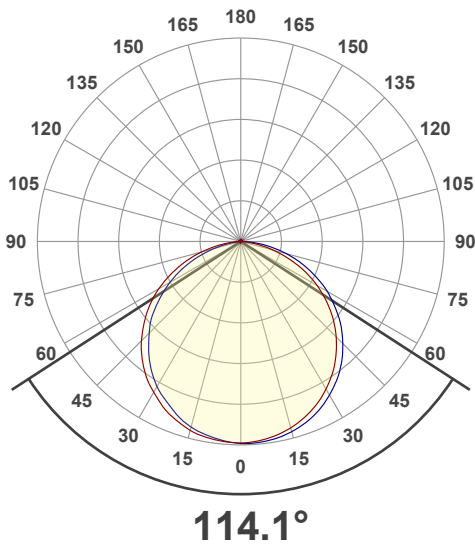
Rg 100.5
Gamut index Rg

Rf 93.9
Fidelity index Rf

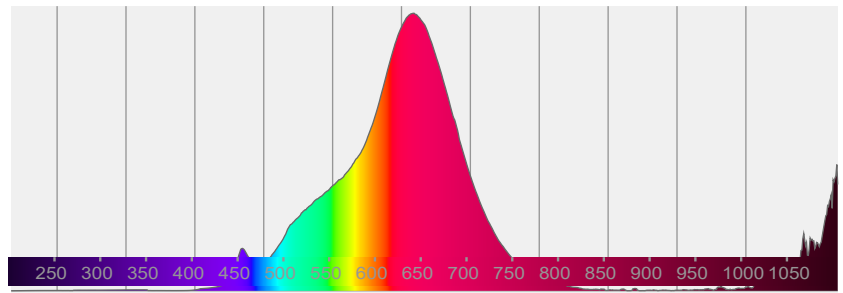
Color Temperature



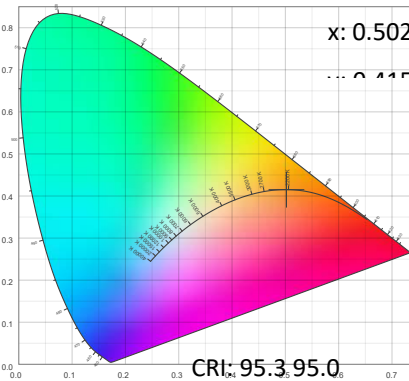
Beam Angle:



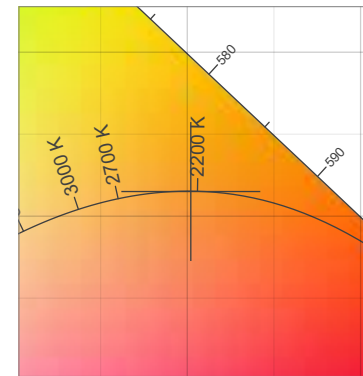
Spectra:



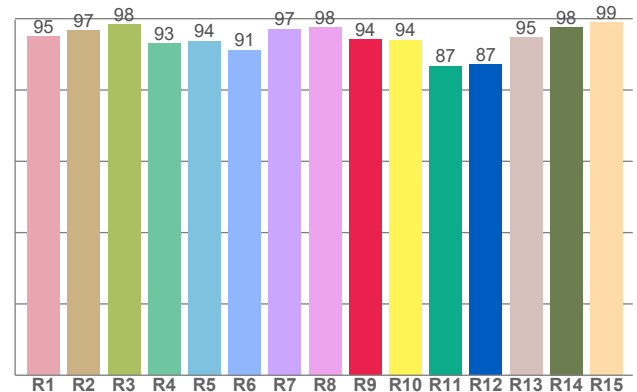
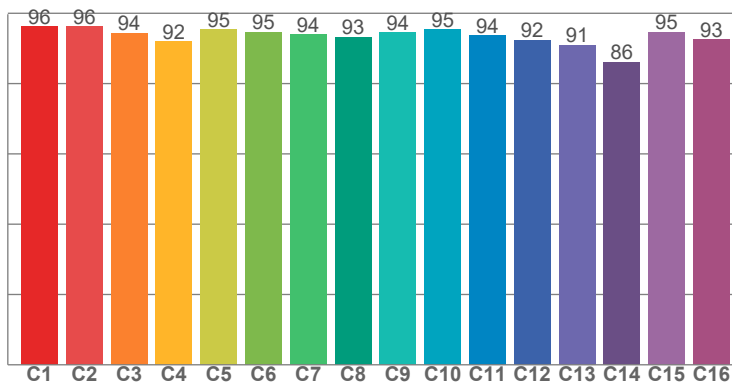
CIE 1931:



CIE 1931 Zoom:



TM30: 93.9



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PROJECT

FIXTURE

PHASE

DATE

800.595.6302

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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-3.0-IP20-22

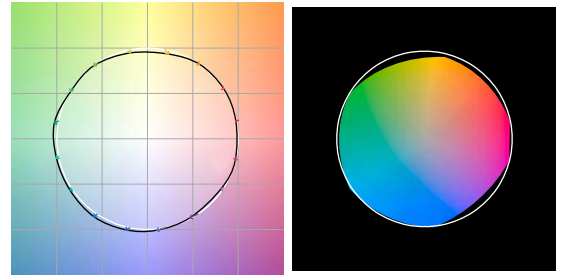


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.0	96.7	98.4	93.0	93.7	91.2	97.2	97.5	94.2	94.0	86.7	87.1	94.7	97.6	98.9

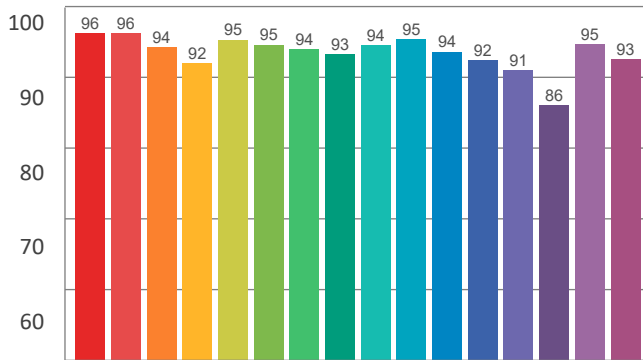
Color Vector



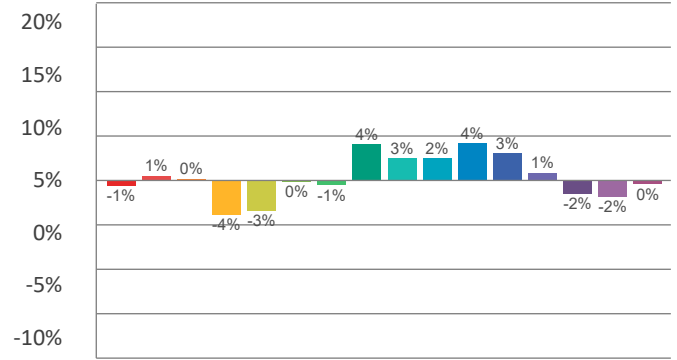
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.3	96.2	94.3	91.9	95.3	94.6	94.0	93.3	94.5	95.4	93.6	92.4	91.0	86.1	94.7	92.5

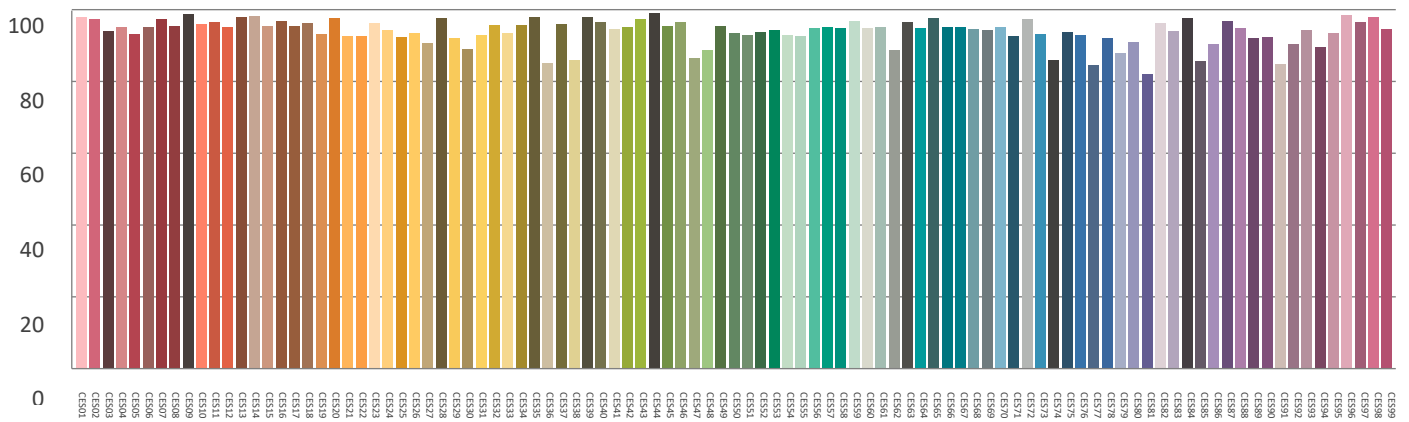
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-3.0-IP20-25



Light Efficiency:



Output: 267 lm

Light Quality:



Peak: 92.3 cd

Power: 3.1 W

PF: 1.0

R9: 90.0

Duv: -0.0009

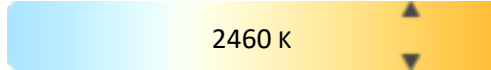
u': 0.275

v': 0.531

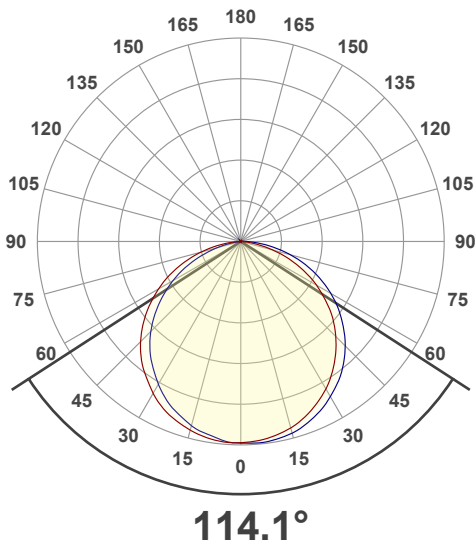
Rg 101.6
Gamut index Rg

Rf 95.1
Fidelity index Rf

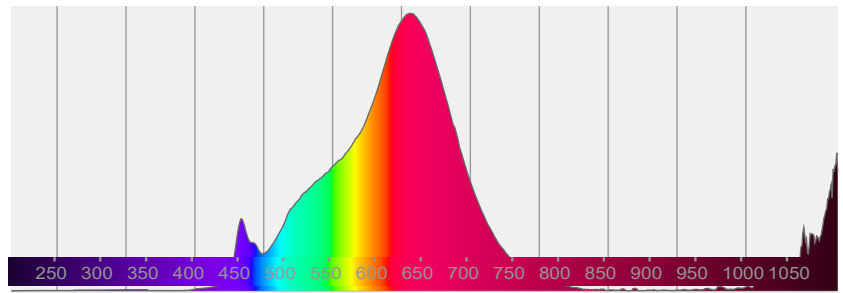
Color Temperature



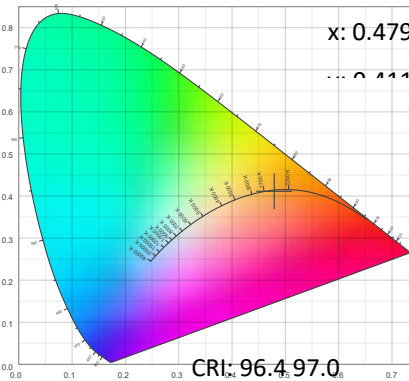
Beam Angle:



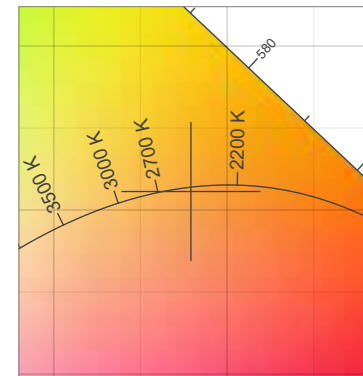
Spectra:



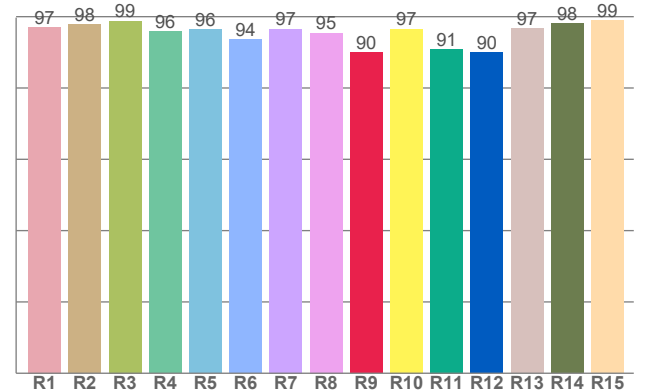
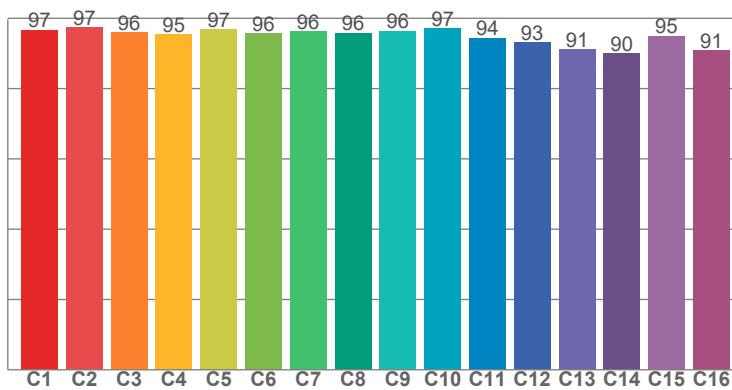
CIE 1931:



CIE 1931 Zoom:



TM30: 95.1



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DES-LED-SWH-24-3.0-IP20-25

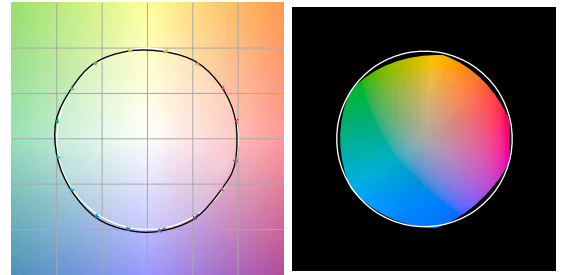


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.0	97.9	98.9	95.8	96.4	93.6	96.5	95.4	90.0	96.5	90.9	90.0	96.7	98.0	99.0

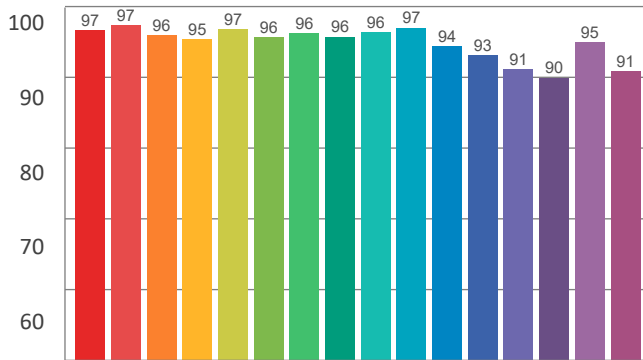
Color Vector



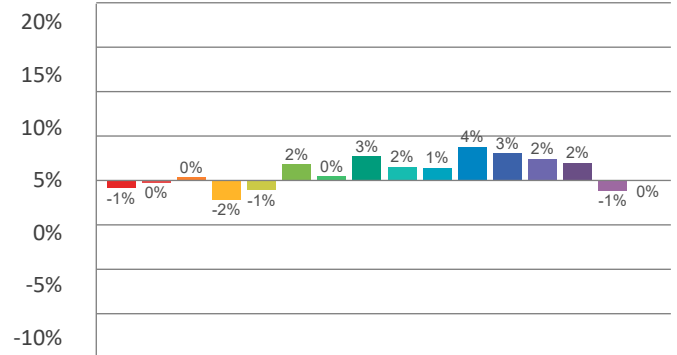
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.6	97.3	96.0	95.4	96.9	95.6	96.3	95.7	96.4	97.0	94.4	93.1	91.2	89.9	95.0	90.8

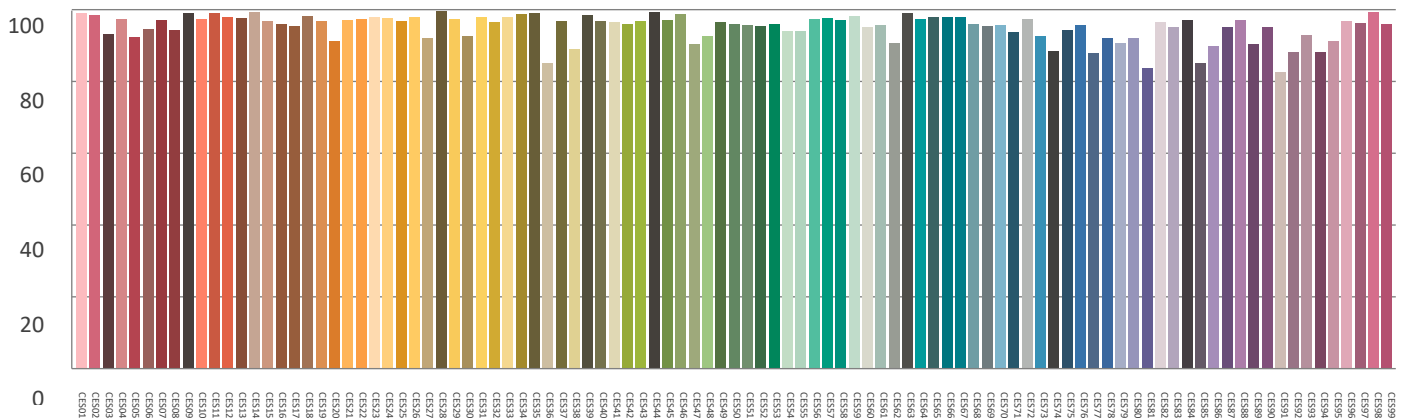
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-3.0-IP20-27



Light Efficiency:



Output: 278 lm

Light Quality:



Peak: 95.6 cd

Power: 3.1 W

PF: 1.0

R9: 98.0

Duv: -0.0009

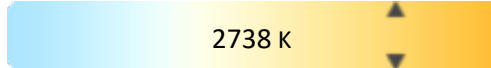
u': 0.261

v': 0.525

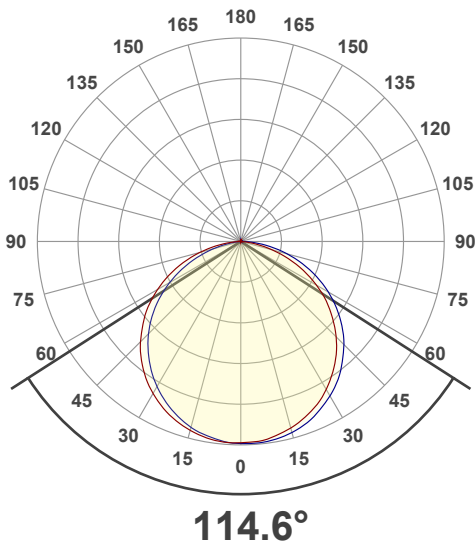
Rg 101.8
Gamut index Rg

Rf 95.2
Fidelity index Rf

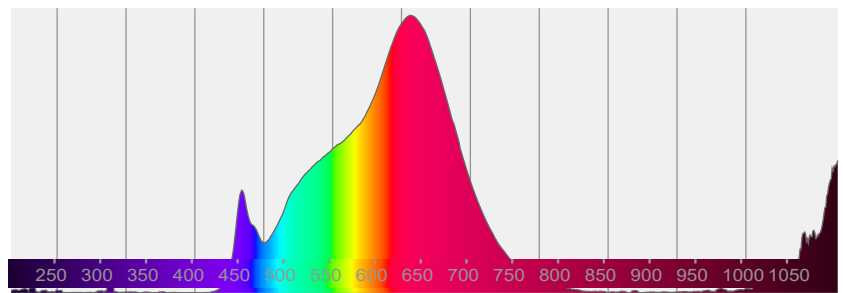
Color Temperature



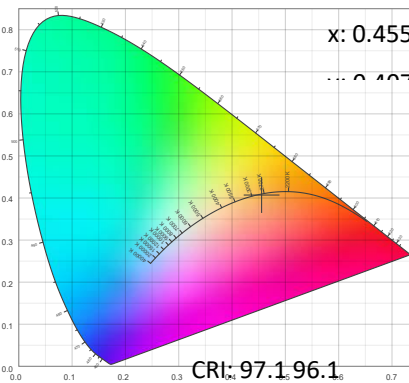
Beam Angle:



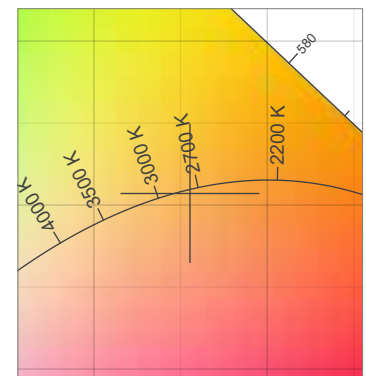
Spectra:



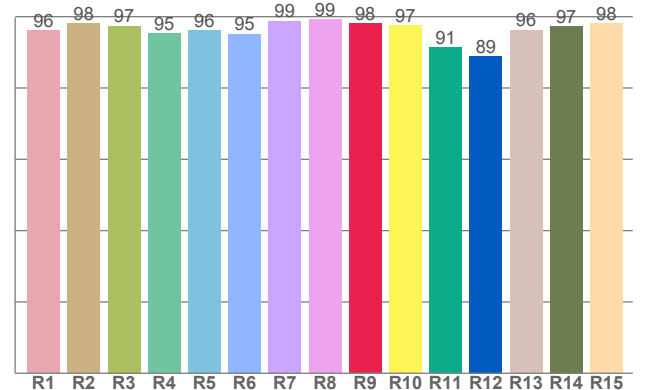
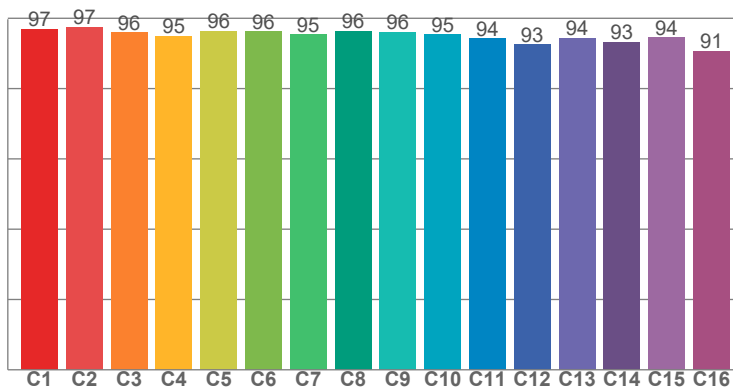
CIE 1931:



CIE 1931 Zoom:



TM30: 95.2



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-3.0-IP20-27

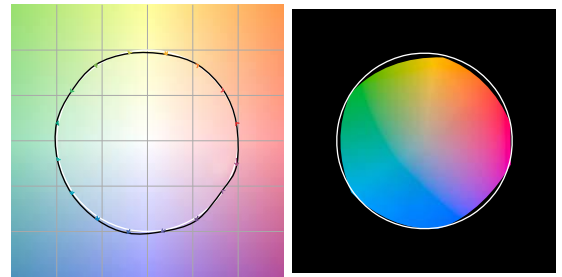


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.1	98.1	97.4	95.3	96.2	95.2	98.8	99.3	98.0	97.5	91.4	88.9	96.2	97.3	98.0

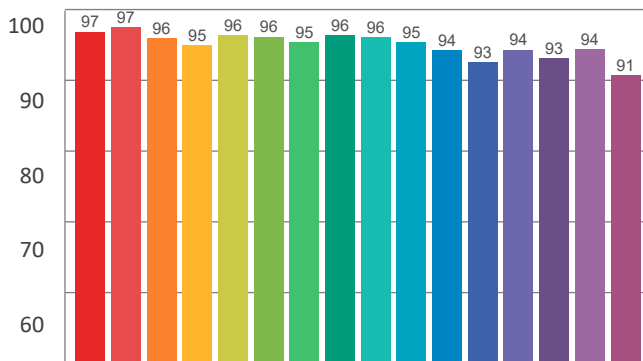
Color Vector



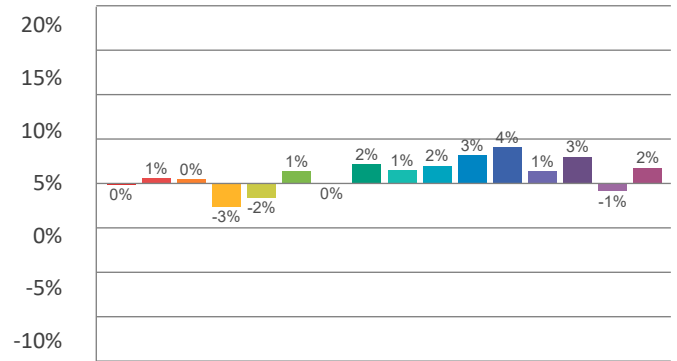
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.9	97.5	96.0	95.0	96.4	96.2	95.4	96.3	96.1	95.3	94.3	92.5	94.3	93.2	94.5	90.7

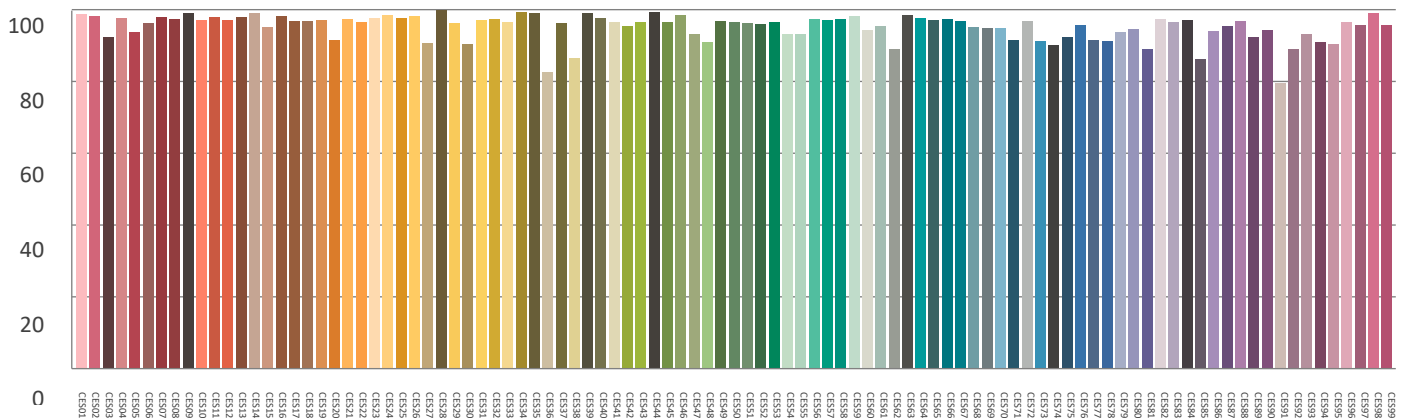
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-3.0-IP20-30



Light Efficiency:



Output: 293 lm

Light Quality:



Peak: 101 cd

Power: 3.1 W

PF: 1.0

R9: 98.2

Duv: -0.0013

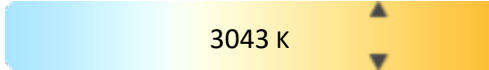
u': 0.250

v': 0.519

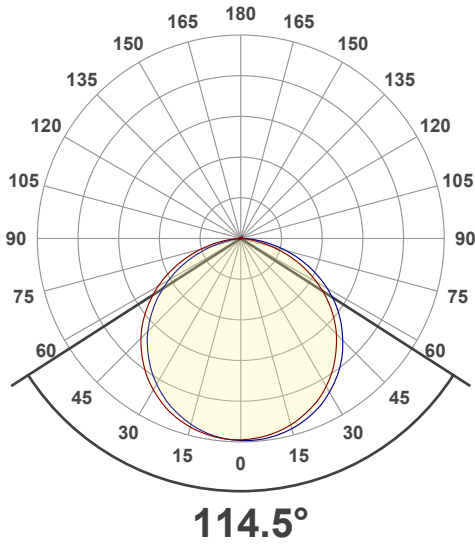
Rg 102.2
Gamut index Rg

Rf 95.1
Fidelity index Rf

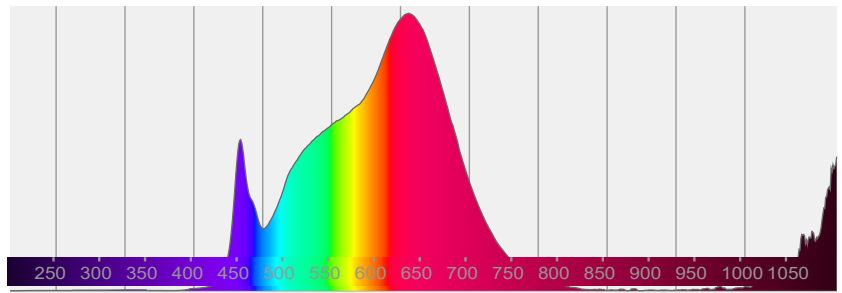
Color Temperature



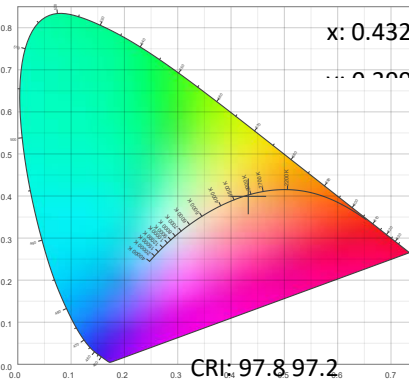
Beam Angle:



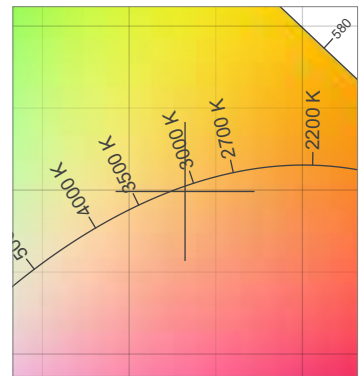
Spectra:



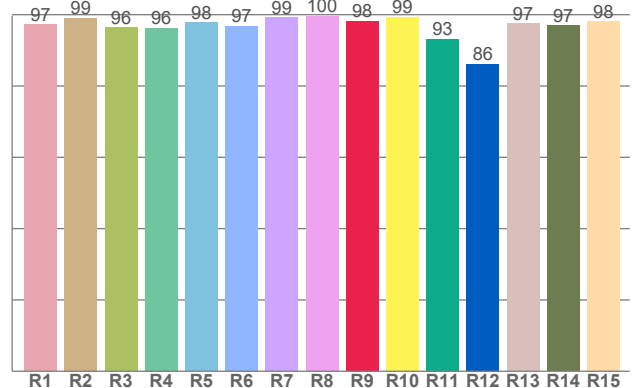
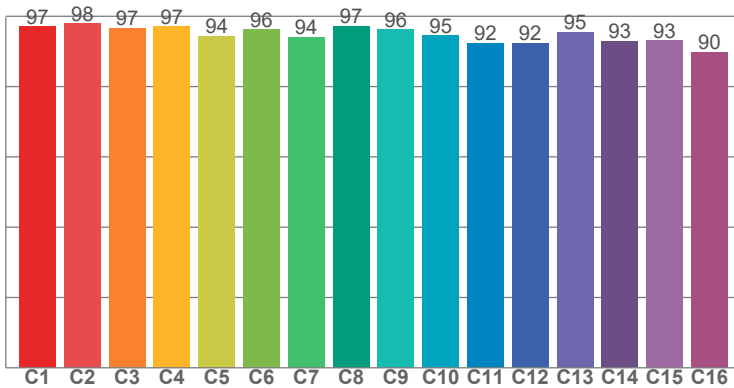
CIE 1931:



CIE 1931 Zoom:



TM30: 95.1



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-3.0-IP20-30

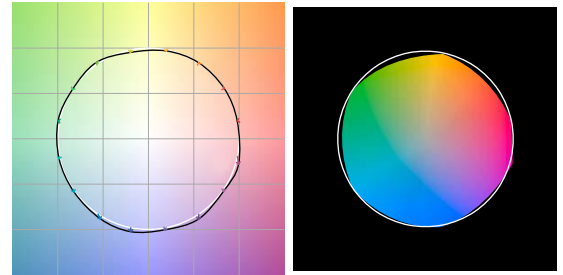


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.2	99.1	96.4	96.3	97.8	96.8	99.1	99.7	98.2	99.4	93.2	86.2	97.5	97.0	98.2

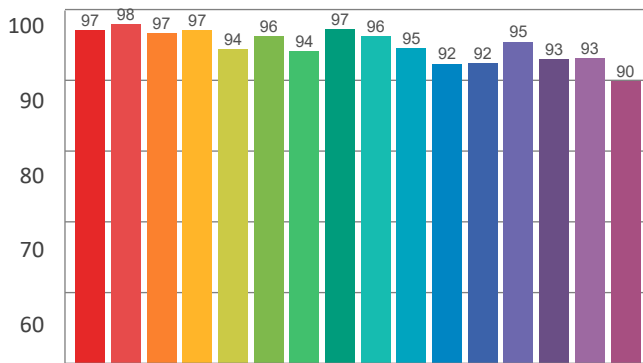
Color Vector



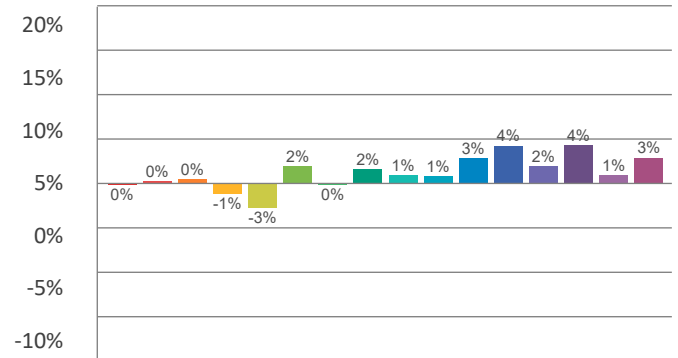
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.0	98.0	96.6	97.1	94.4	96.2	94.1	97.2	96.3	94.5	92.4	92.4	95.4	93.0	93.1	89.9

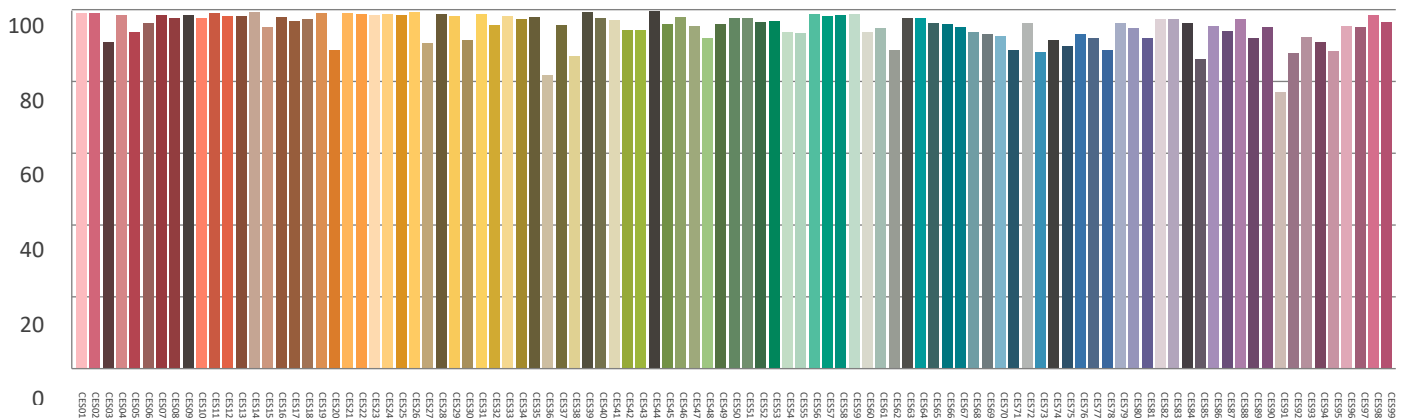
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-3.0-IP20-35



Light Efficiency:



Output: 300 lm

Light Quality:



Peak: 103 cd

Power: 3.1 W

PF: 1.0

R9: 99.0

Duv: 0.0012

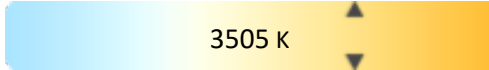
u': 0.235

v': 0.513

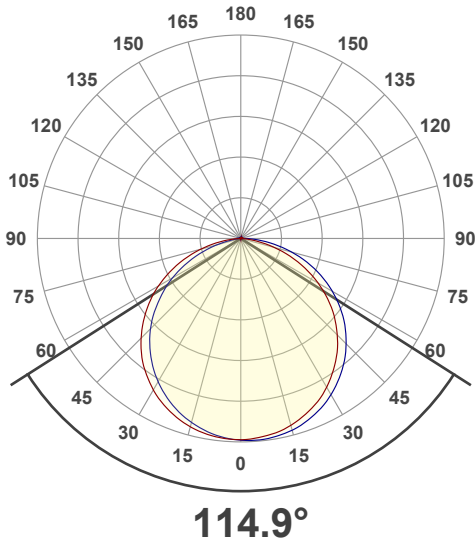
Rg 100.5
Gamut index Rg

Rf 94.4
Fidelity index Rf

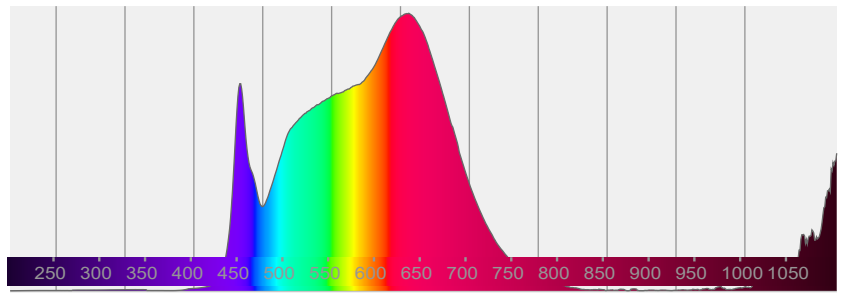
Color Temperature



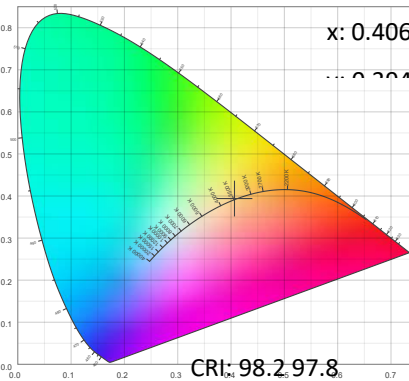
Beam Angle:



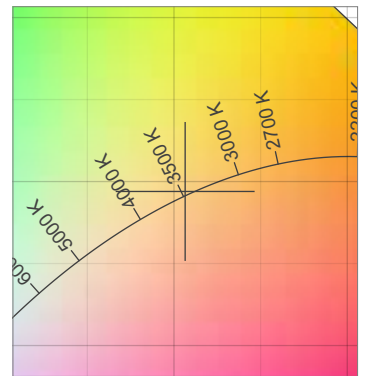
Spectra:



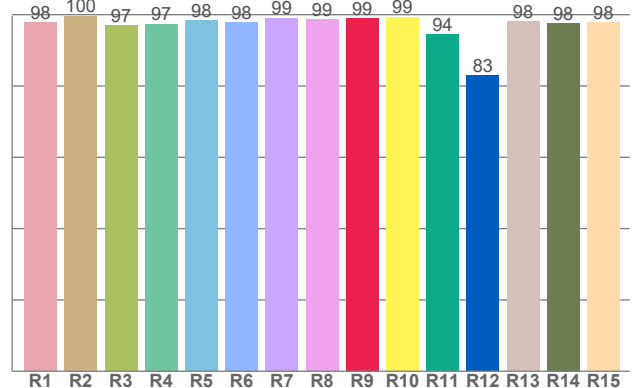
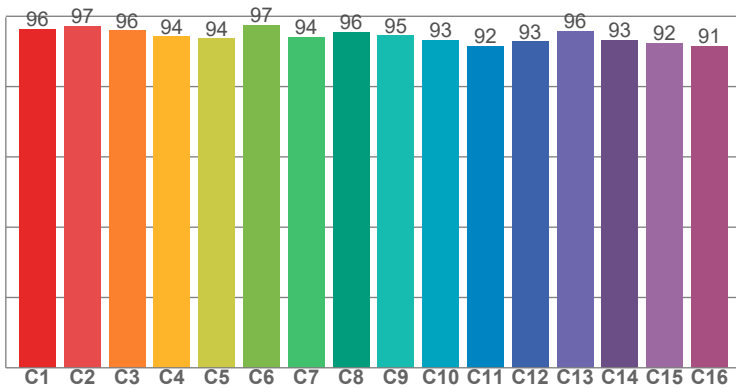
CIE 1931:



CIE 1931 Zoom:



TM30: 94.4



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-3.0-IP20-35

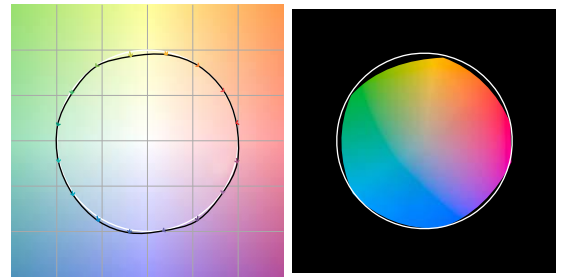


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.6	97.0	97.4	98.4	97.8	99.1	98.6	99.0	99.4	94.5	83.0	98.1	97.6	97.8

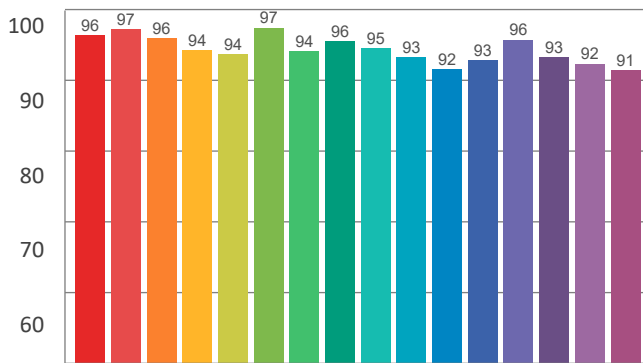
Color Vector



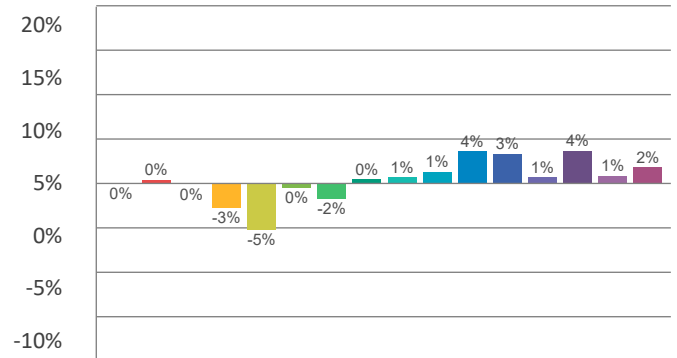
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.4	97.3	96.0	94.3	93.7	97.4	94.1	95.5	94.5	93.2	91.6	92.8	95.7	93.3	92.3	91.5

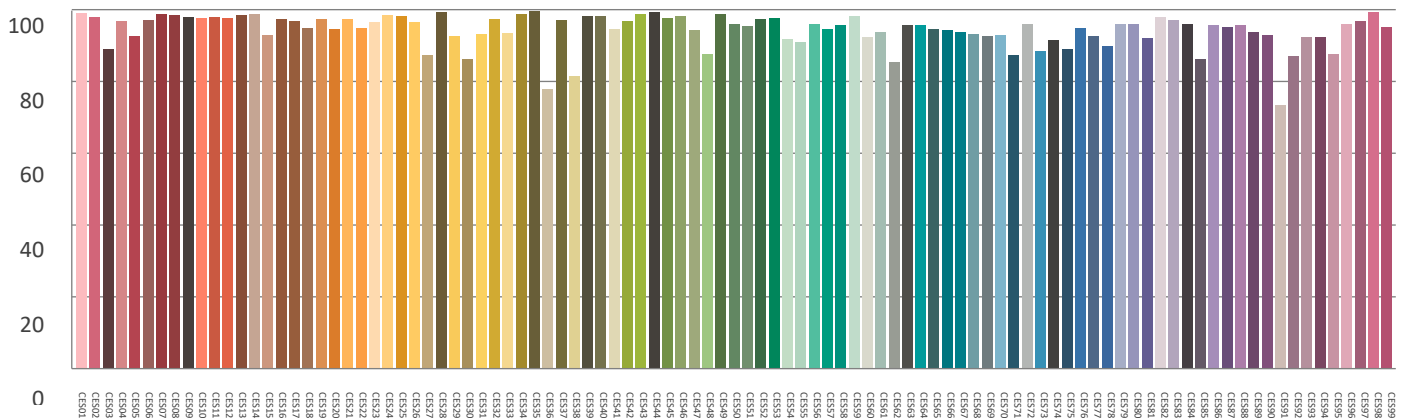
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



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RESOURCE – PHOTOMETRICS

3592-DES-LED-SWH-24-3.0-IP20-40



Light Efficiency:

100 Lumen/Watt

Output: 314 lm

Light Quality:

CRI: 98.3

Peak: 107 cd

Power: 3.1 W

PF: 1.0

R9: 98.2

Duv: -0.0005

u': 0.225

v': 0.500

Rg 101.1

Gamut index Rg

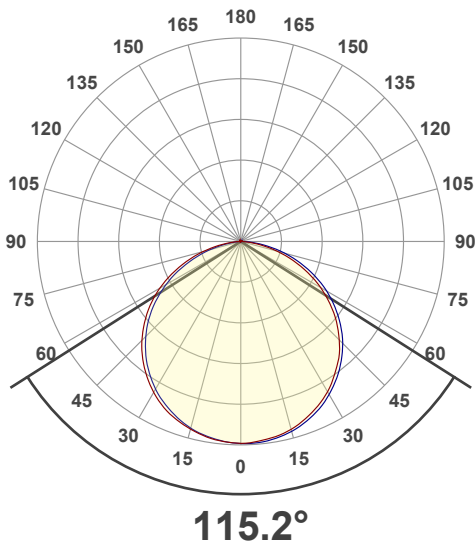
Rf 94.1

Fidelity index Rf

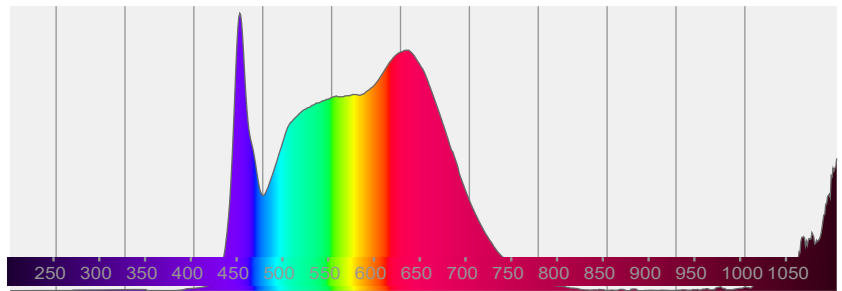
Color Temperature

4046 K

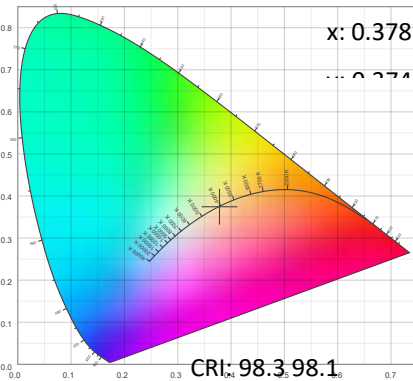
Beam Angle:



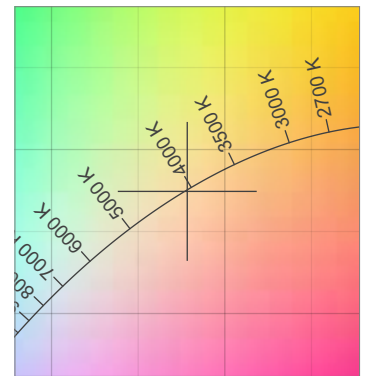
Spectra:



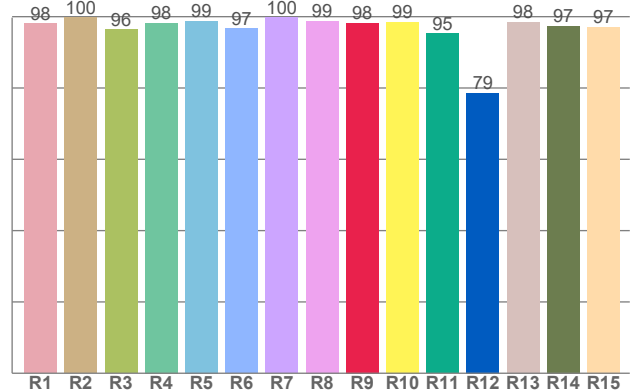
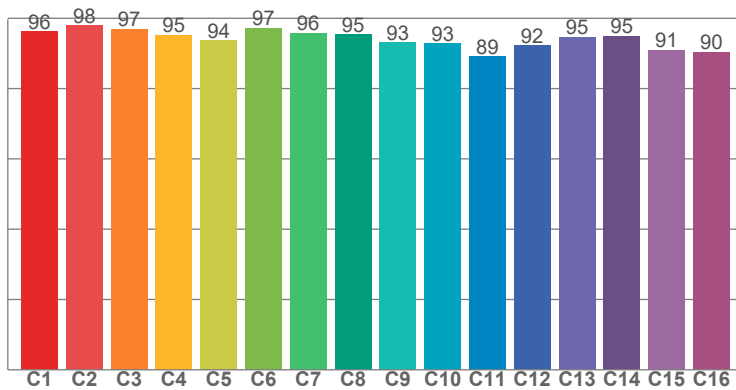
CIE 1931:



CIE 1931 Zoom:



TM30: 94.1



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RESOURCE – PHOTOMETRICS

3592-DES-LED-SWH-24-3.0-IP20-40

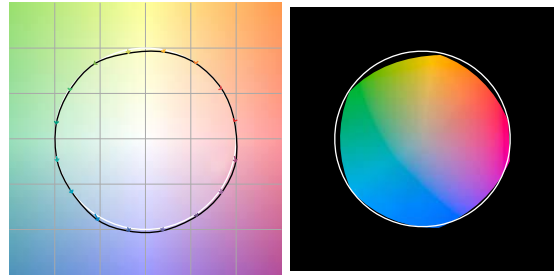


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.8	96.4	98.2	98.8	96.7	99.8	98.8	98.2	98.5	95.2	78.6	98.5	97.4	97.1

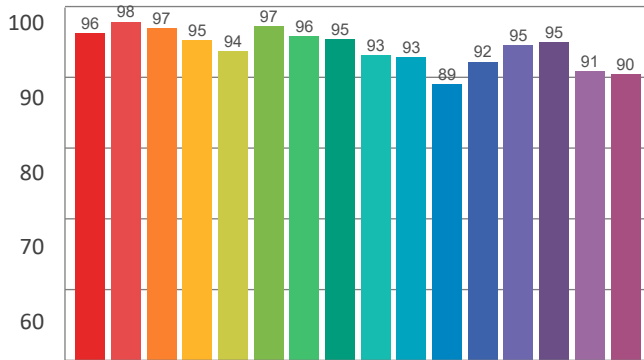
Color Vector



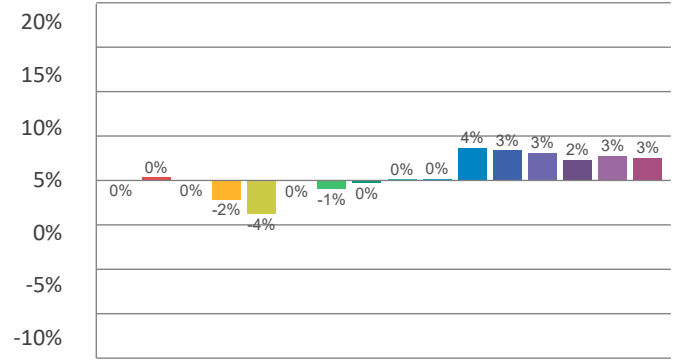
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.3	97.9	96.9	95.2	93.7	97.2	95.8	95.4	93.1	92.9	89.1	92.2	94.6	95.0	90.9	90.4

Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample

