

RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-4.4-IP20-22



Light Efficiency:



Output: 364 lm

Light Quality:



Peak: 125 cd

Power: 4.7 W

PF: 1.0

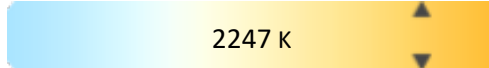
R9: 93.6

Duv: -0.0003

u': 0.287

v': 0.535

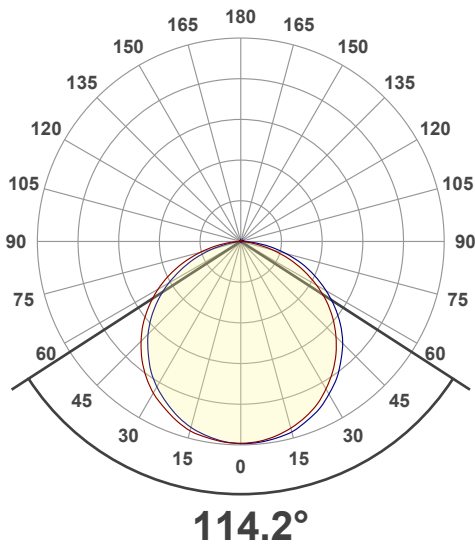
Color Temperature



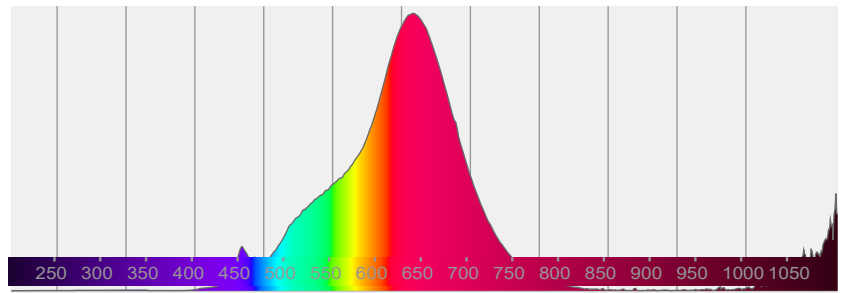
Rg 100.8
Gamut index Rg

Rf 94.3
Fidelity index Rf

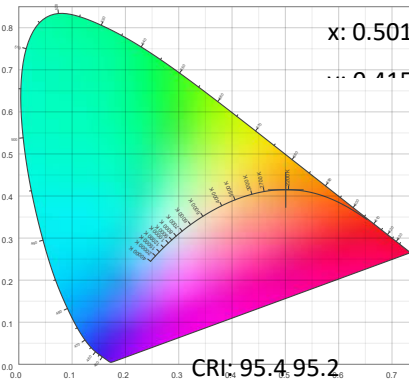
Beam Angle:



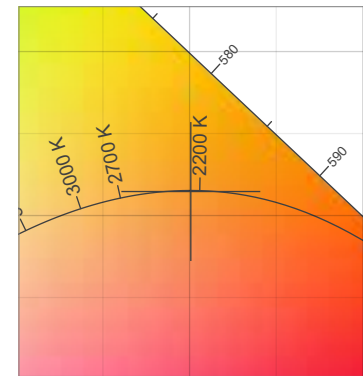
Spectra:



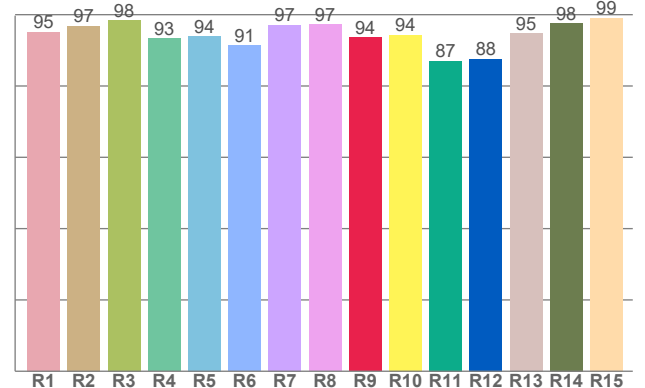
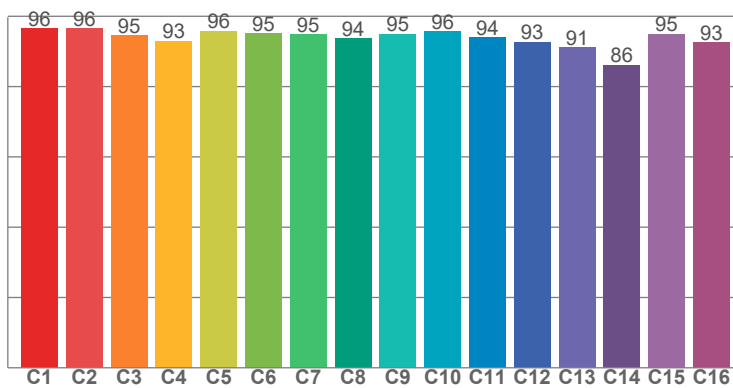
CIE 1931:



CIE 1931 Zoom:



TM30: 94.3



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-4.4-IP20-22

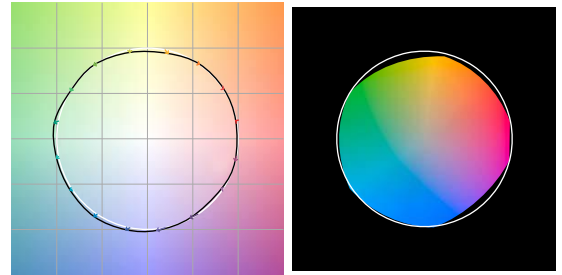


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.2	96.8	98.4	93.3	94.0	91.4	97.1	97.3	93.6	94.3	87.0	87.6	94.8	97.6	99.1

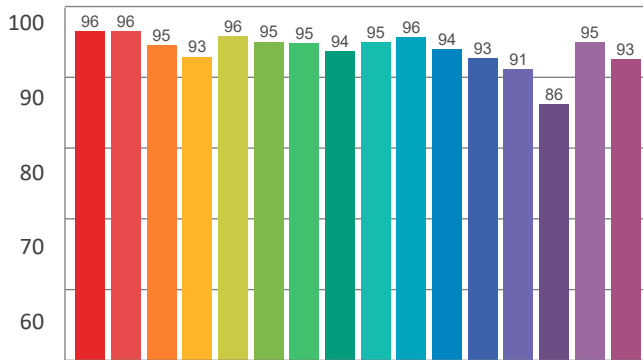
Color Vector



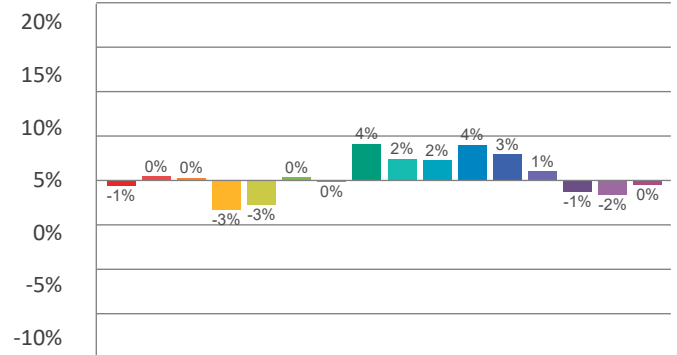
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.5	96.5	94.5	92.9	95.8	95.0	94.8	93.7	94.9	95.7	94.0	92.7	91.2	86.2	95.0	92.5

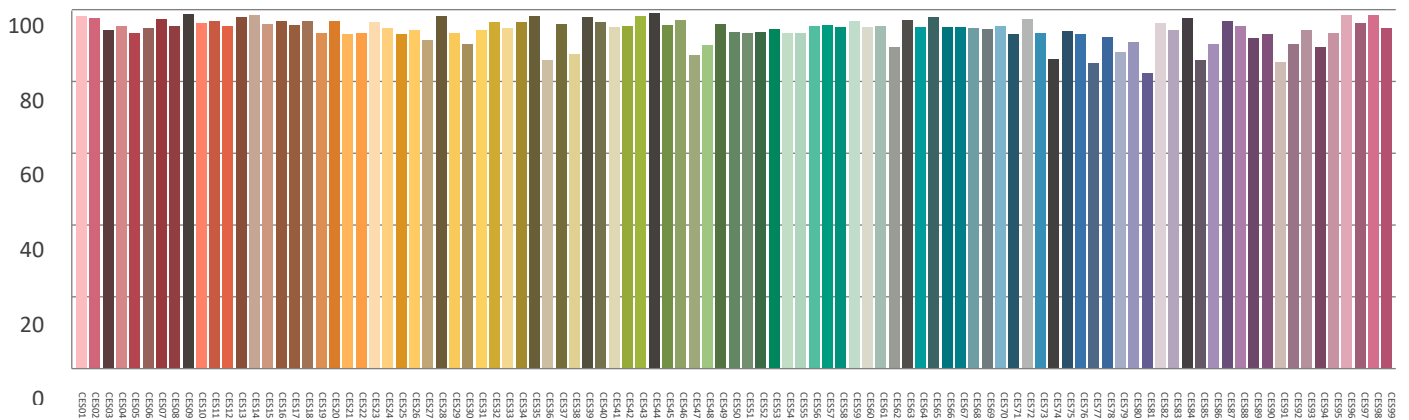
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-4.4-IP20-25



Light Efficiency:



Output: 395 lm

Light Quality:



Peak: 136 cd

Power: 4.7 W

PF: 1.0

R9: 89.2

Duv: -0.0009

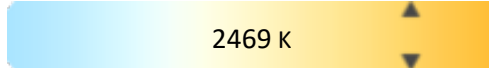
u': 0.274

v': 0.530

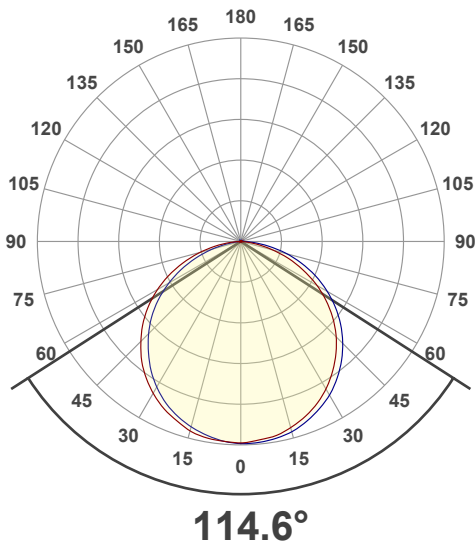
Rg 101.7
Gamut index Rg

Rf 95.4
Fidelity index Rf

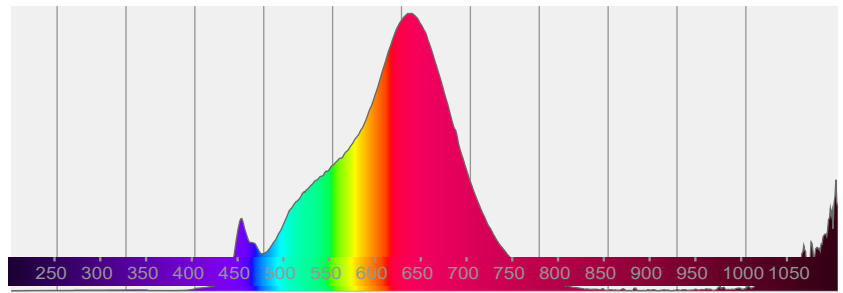
Color Temperature



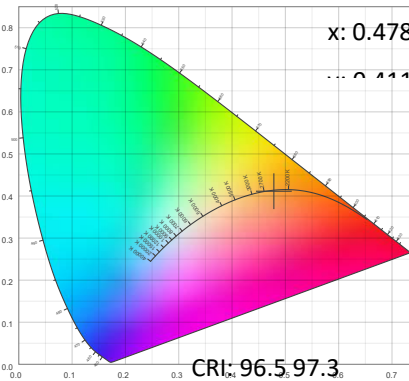
Beam Angle:



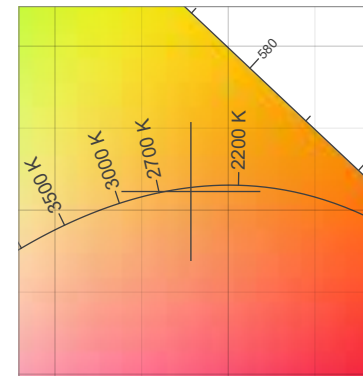
Spectra:



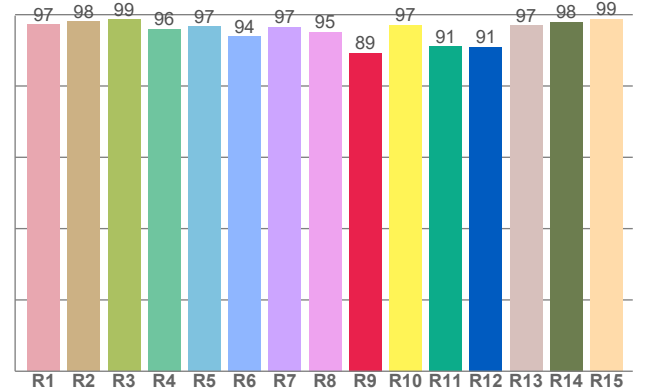
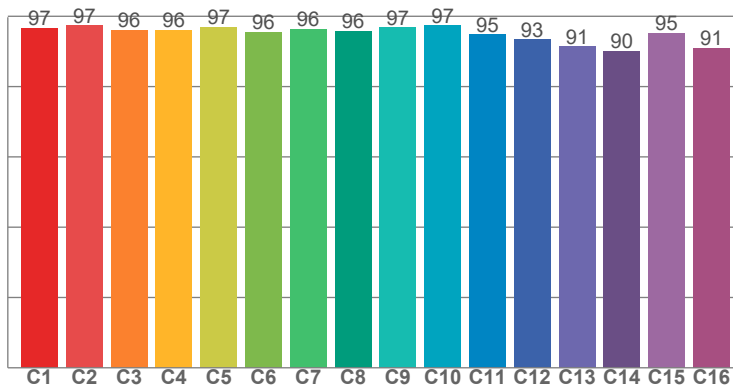
CIE 1931:



CIE 1931 Zoom:



TM30: 95.4



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-4.4-IP20-25

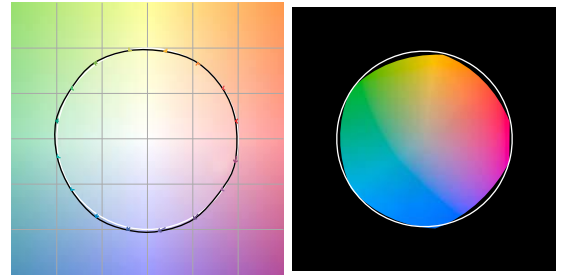


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	98.1	98.7	95.9	96.7	94.0	96.5	95.1	89.2	97.1	91.1	90.9	96.9	97.9	98.8

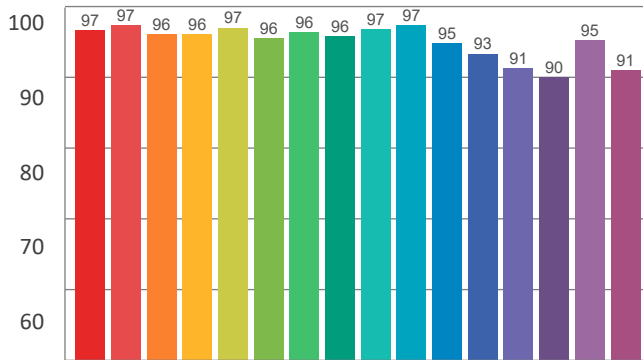
Color Vector



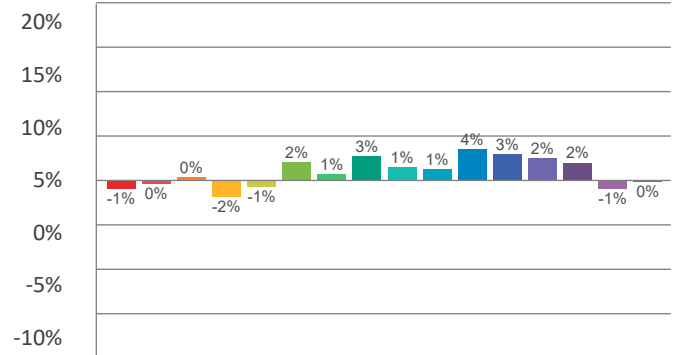
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.7	97.4	96.2	96.1	97.0	95.5	96.4	95.8	96.7	97.3	94.9	93.3	91.3	90.1	95.3	90.9

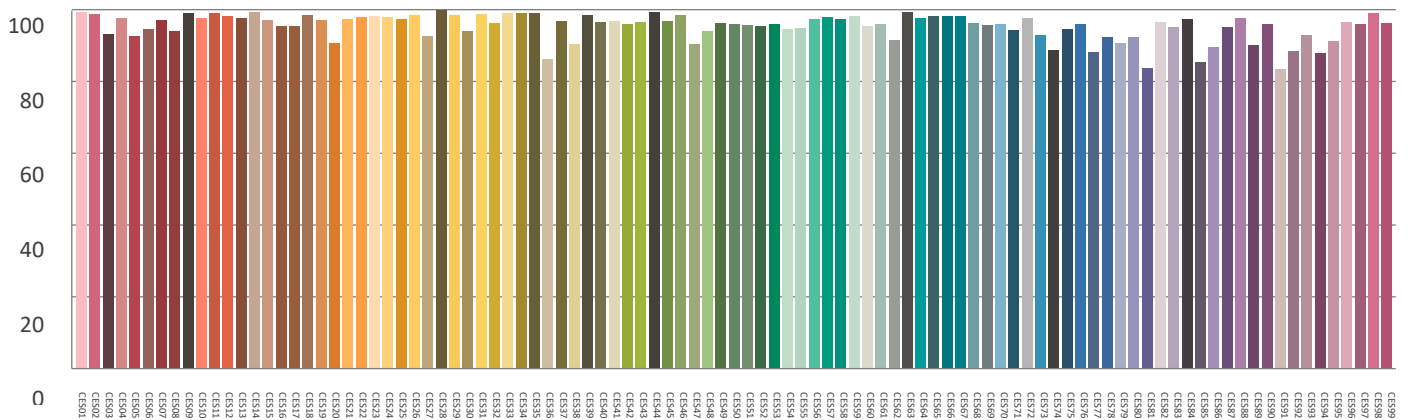
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-4.4-IP20-27



Light Efficiency:



Output: 409 lm

Light Quality:



Peak: 140 cd

Power: 4.7 W

PF: 1.0

R9: 97.5

Duv: -0.0010

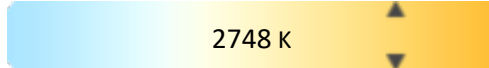
u': 0.261

v': 0.525

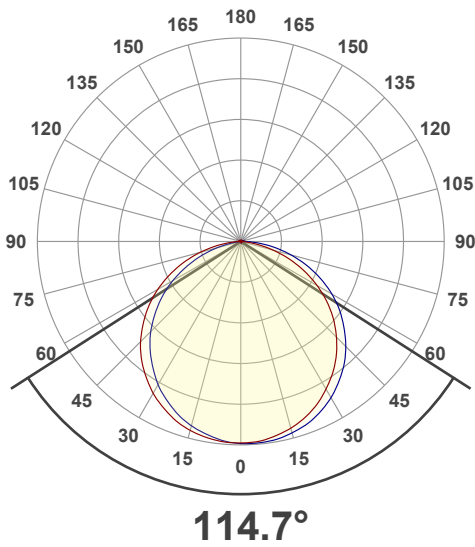
Rg 101.7
Gamut index Rg

Rf 95.3
Fidelity index Rf

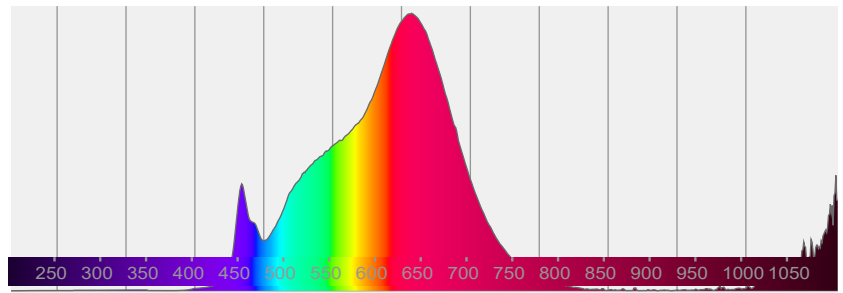
Color Temperature



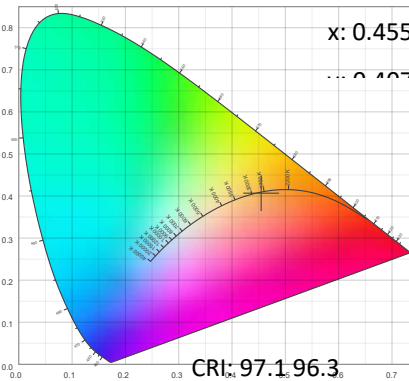
Beam Angle:



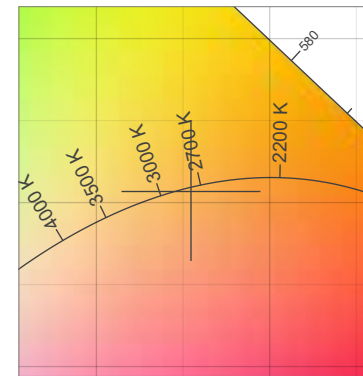
Spectra:



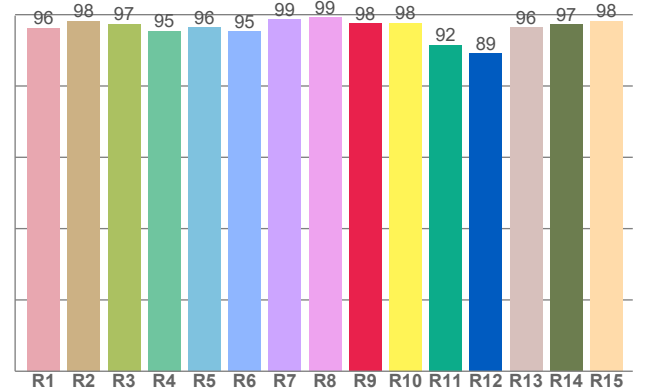
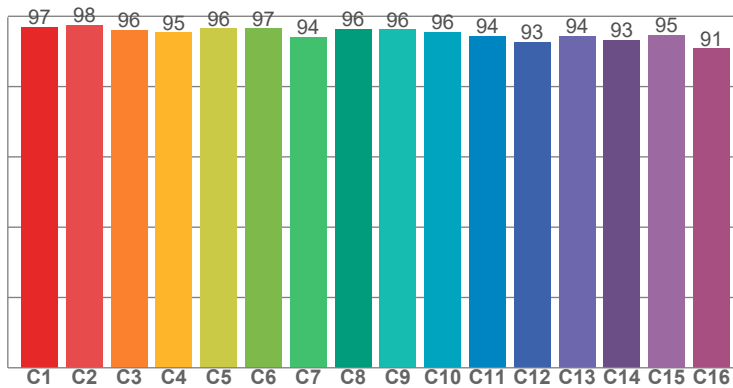
CIE 1931:



CIE 1931 Zoom:



TM30: 95.3



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-4.4-IP20-27

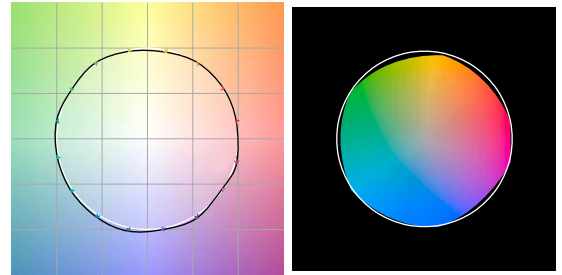


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.3	98.2	97.4	95.4	96.4	95.3	98.7	99.2	97.5	97.7	91.5	89.2	96.4	97.3	98.2

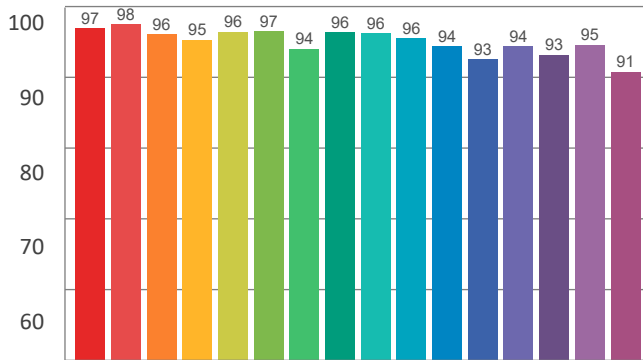
Color Vector



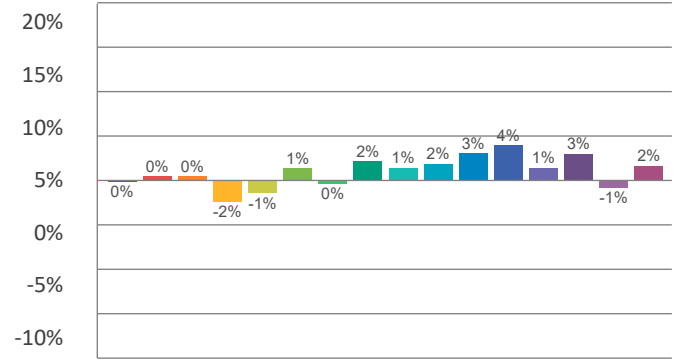
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.9	97.6	96.1	95.3	96.4	96.5	94.0	96.4	96.3	95.5	94.4	92.6	94.4	93.2	94.6	90.8

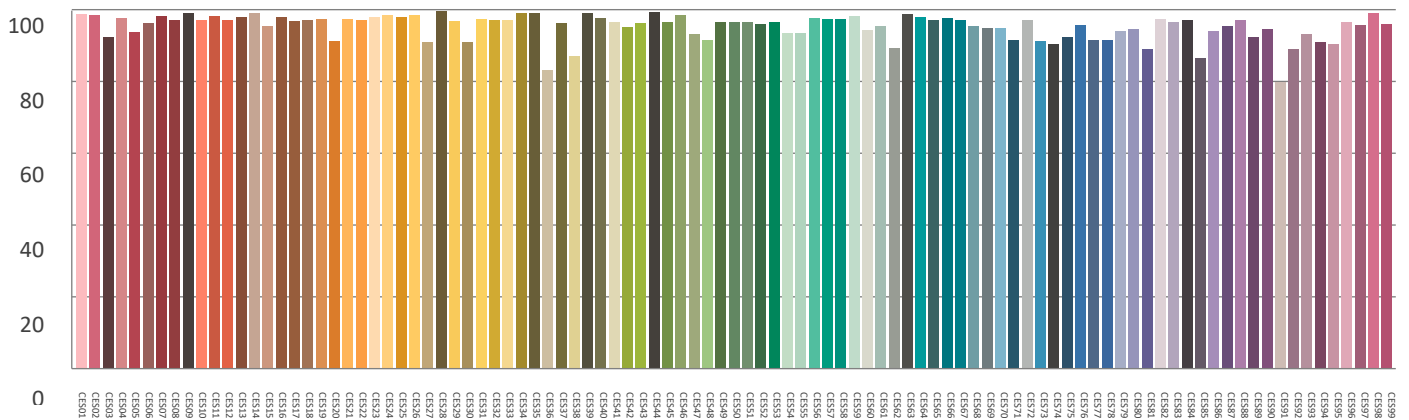
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-4.4-IP20-30



Light Efficiency:



Output: 431 lm

Light Quality:



Peak: 149 cd

Power: 4.7 W

PF: 1.0

R9: 97.6

Duv: -0.0015

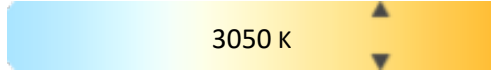
u': 0.249

v': 0.518

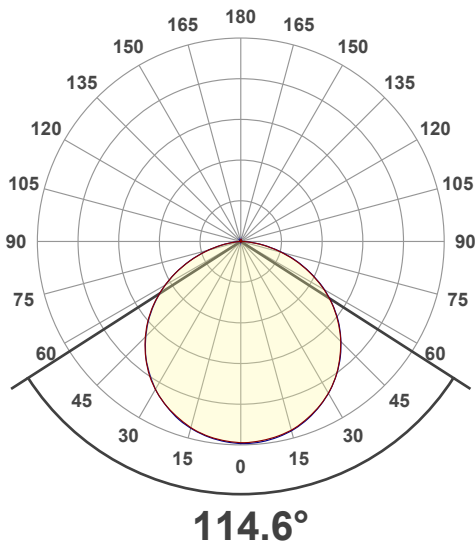
Rg 102.3
Gamut index Rg

Rf 95.2
Fidelity index Rf

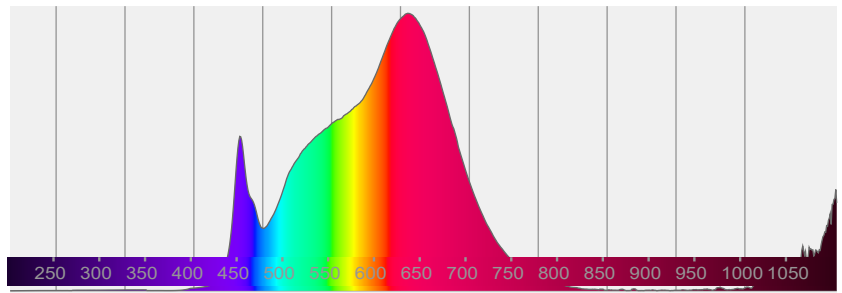
Color Temperature



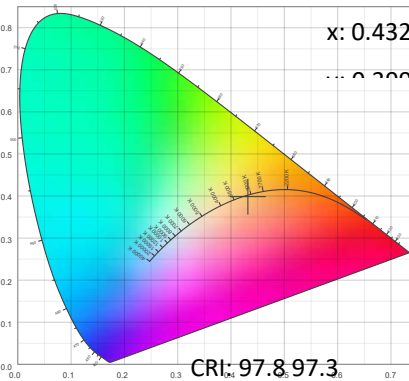
Beam Angle:



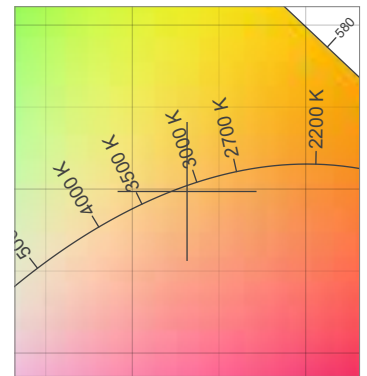
Spectra:



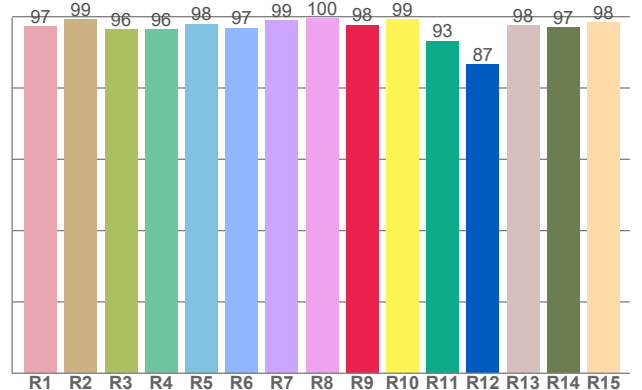
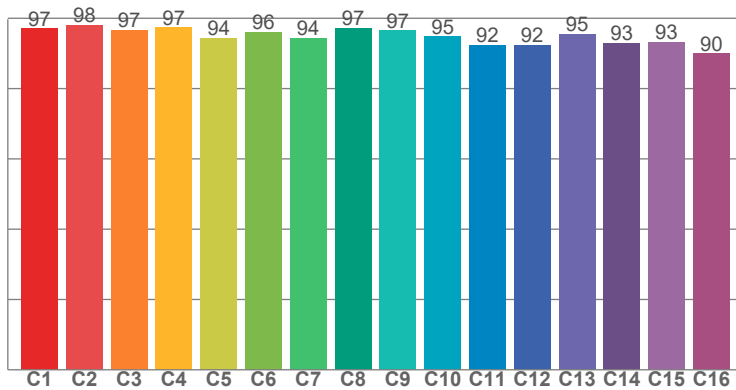
CIE 1931:



CIE 1931 Zoom:



TM30: 95.2



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-4.4-IP20-30

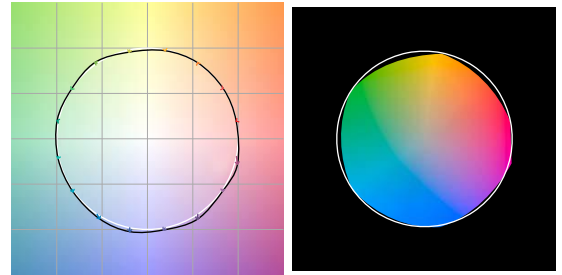


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	99.2	96.4	96.4	97.9	96.9	98.9	99.5	97.6	99.3	93.2	86.6	97.6	97.0	98.4

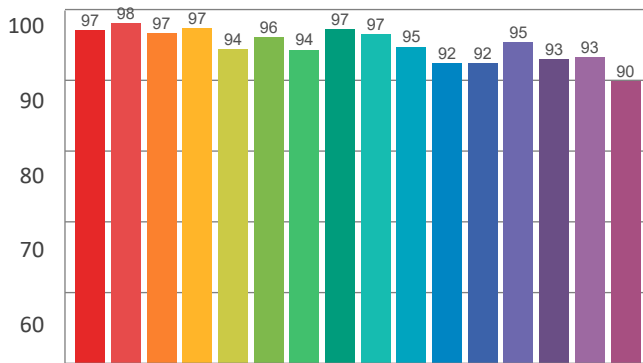
Color Vector



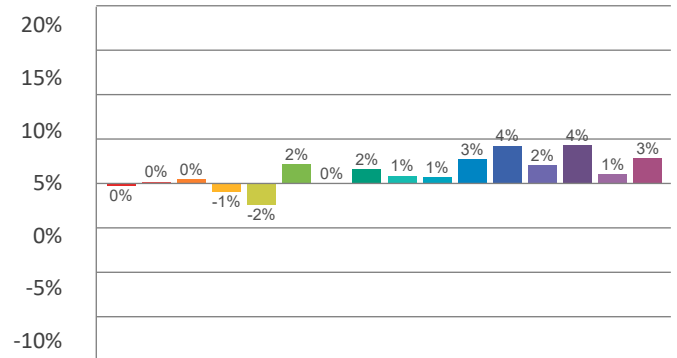
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.1	98.1	96.7	97.3	94.4	96.1	94.3	97.2	96.5	94.7	92.4	92.5	95.4	93.0	93.3	89.9

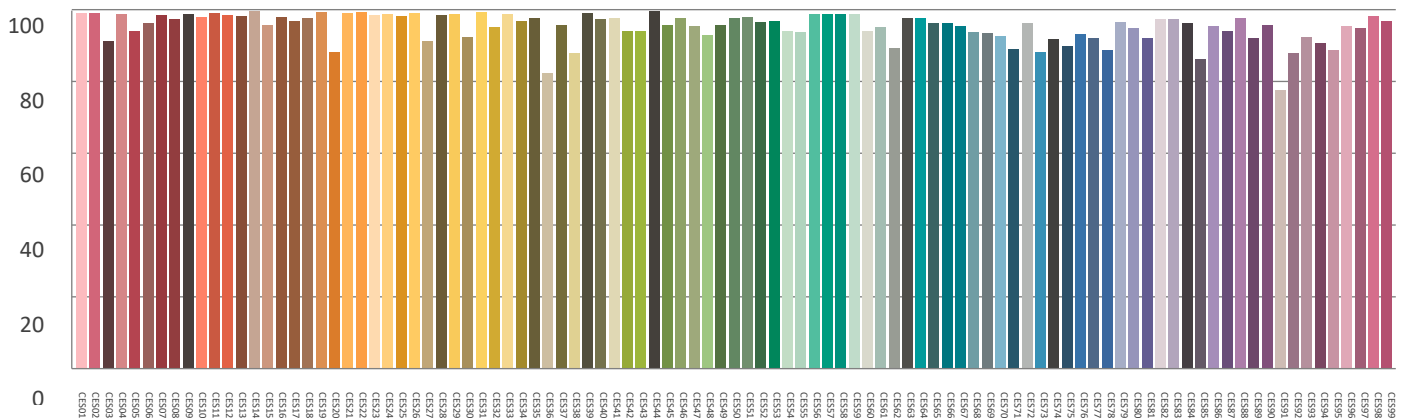
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

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



Light Efficiency:



Output: 440 lm

Light Quality:



Peak: 150 cd

Power: 4.6 W

PF: 1.0

R9: 98.9

Duv: 0.0010

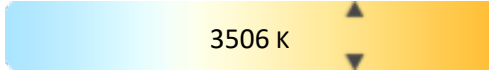
u': 0.235

v': 0.513

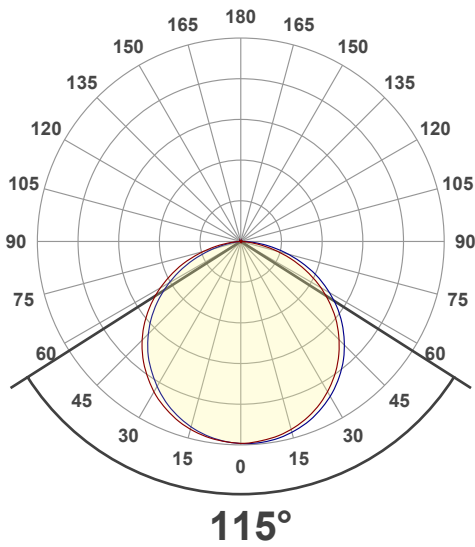
Rg 100.6
Gamut index Rg

Rf 94.5
Fidelity index Rf

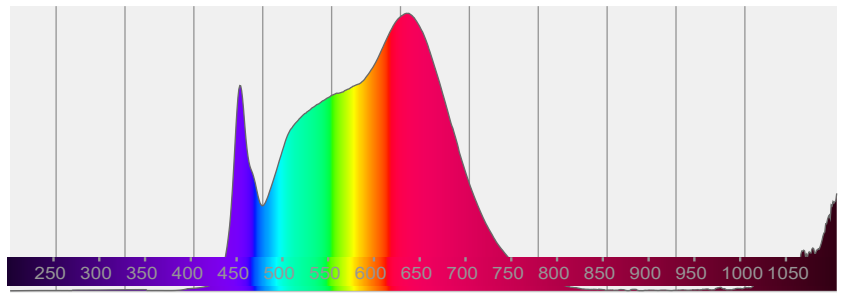
Color Temperature



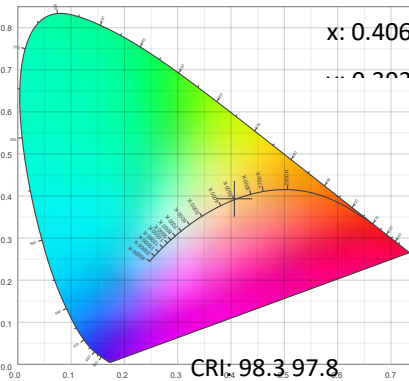
Beam Angle:



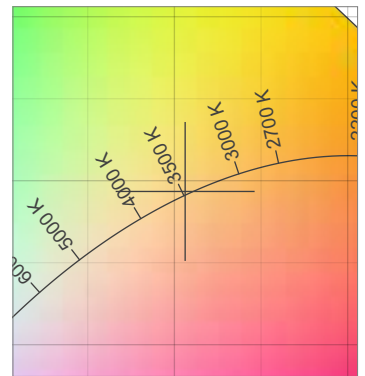
Spectra:



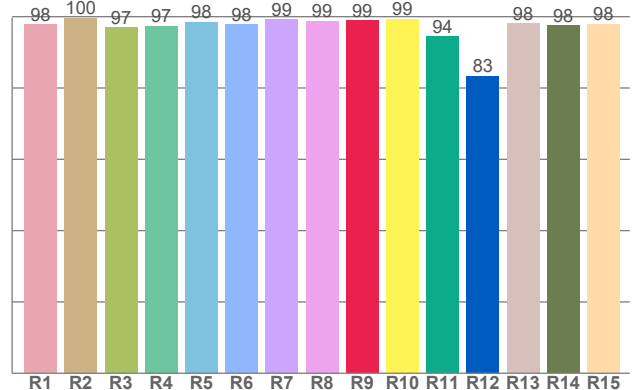
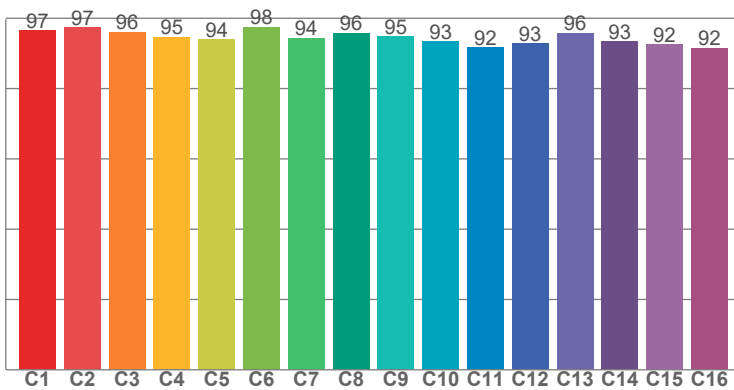
CIE 1931:



CIE 1931 Zoom:



TM30: 94.5



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RESOURCE – PHOTOMETRICS

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

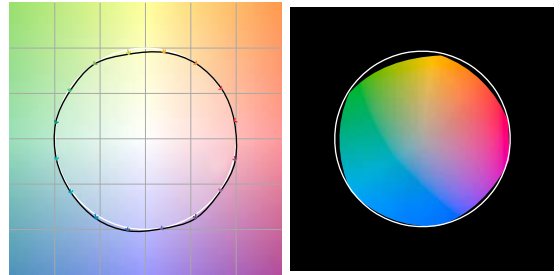


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.7	96.9	97.4	98.5	97.8	99.3	98.8	98.9	99.4	94.5	83.4	98.1	97.6	97.9

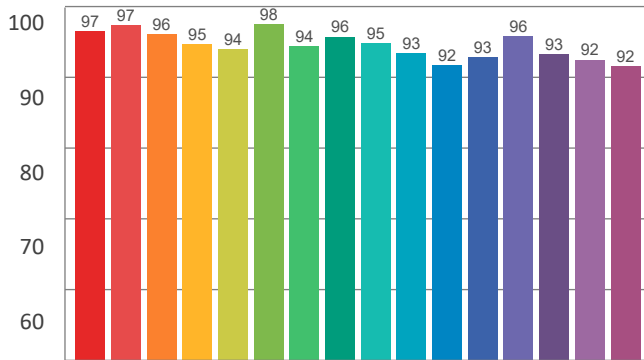
Color Vector



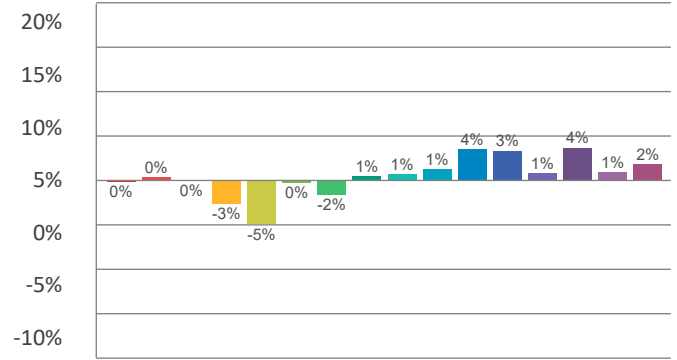
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.5	97.4	96.1	94.6	94.0	97.5	94.4	95.7	94.8	93.4	91.7	92.9	95.8	93.3	92.5	91.6

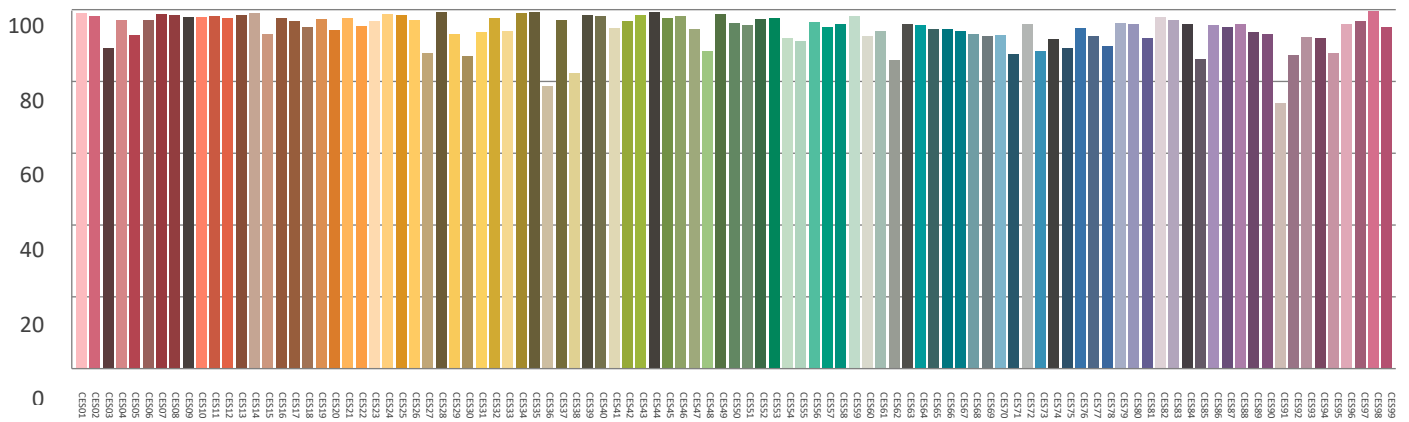
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-4.4-IP20-40



Light Efficiency:

99 Lumen/Watt

Output: 463 lm

Light Quality:

CRI: 98.3

Peak: 158 cd

Power: 4.7 W

PF: 1.0

R9: 98.8

Duv: -0.0005

u': 0.225

v': 0.500

Rg 101.2

Gamut index Rg

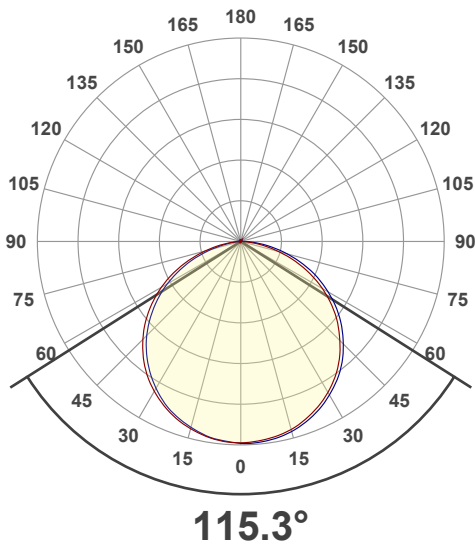
Rf 94.3

Fidelity index Rf

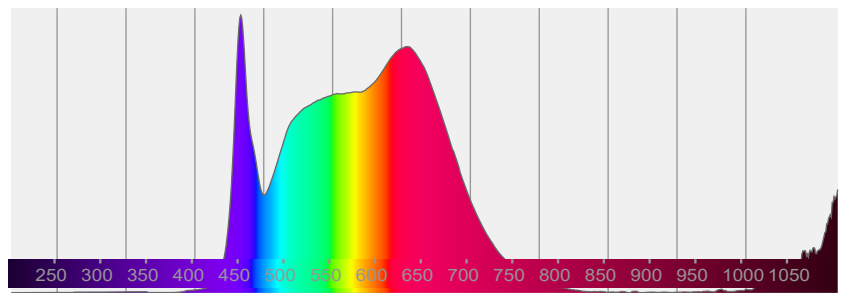
Color Temperature

4041 K

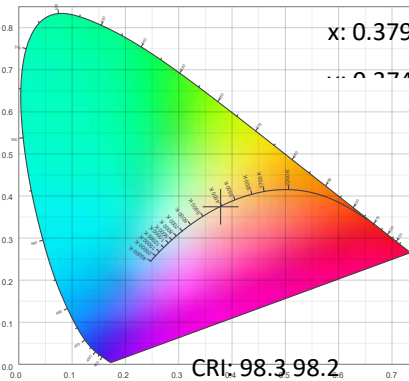
Beam Angle:



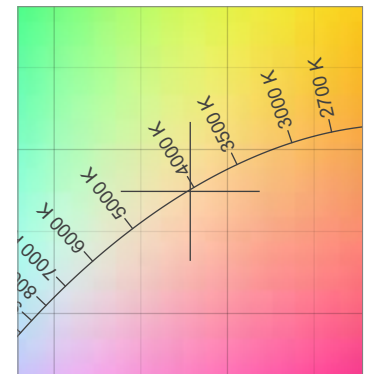
Spectra:



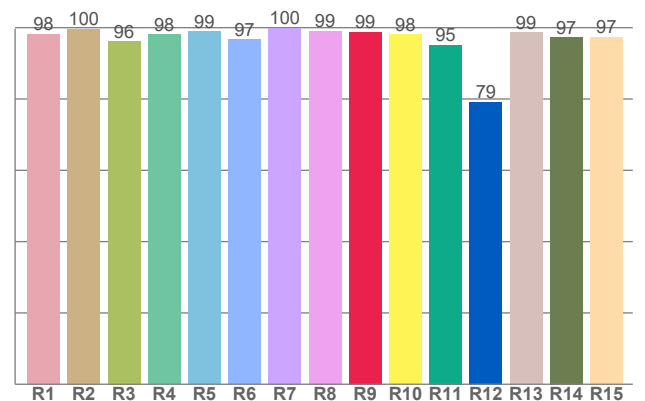
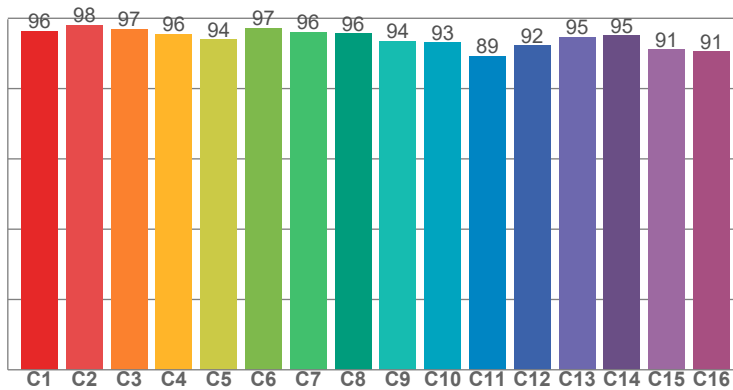
CIE 1931:



CIE 1931 Zoom:



TM30: 94.3



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PROJECT

FIXTURE

PHASE

DATE

800.595.6302

novaflexled.com

RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-4.4-IP20-40

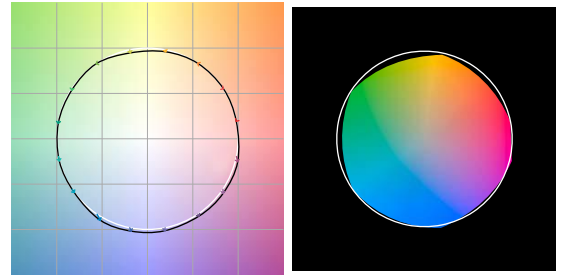


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.6	96.2	98.1	98.9	96.7	99.9	99.1	98.8	98.1	95.2	79.2	98.7	97.3	97.4

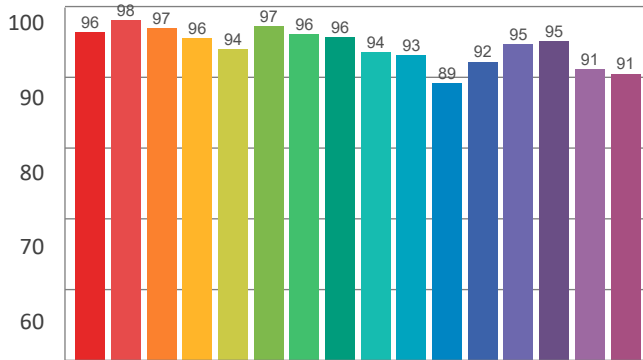
Color Vector



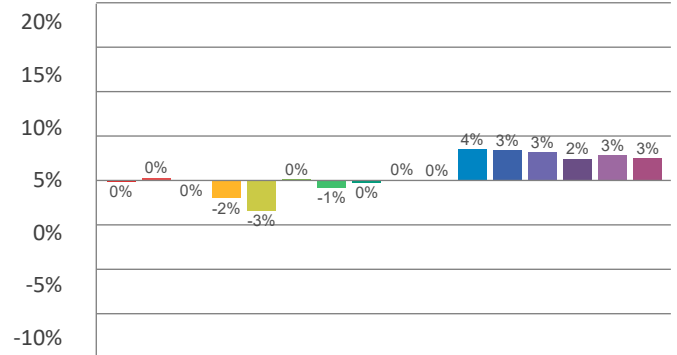
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.4	98.0	97.0	95.5	94.0	97.2	96.0	95.7	93.6	93.1	89.2	92.2	94.6	95.1	91.1	90.5

Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample

