

RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-1.0-IP20-22



Light Efficiency:



Output: 80.9 lm

Light Quality:



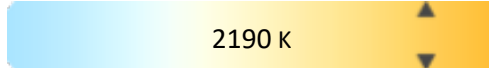
Peak: 28.5 cd

Power: 1.0 W

PF: 1.0

Rg 99.9
Gamut index Rg

Color Temperature



R9: 93.3

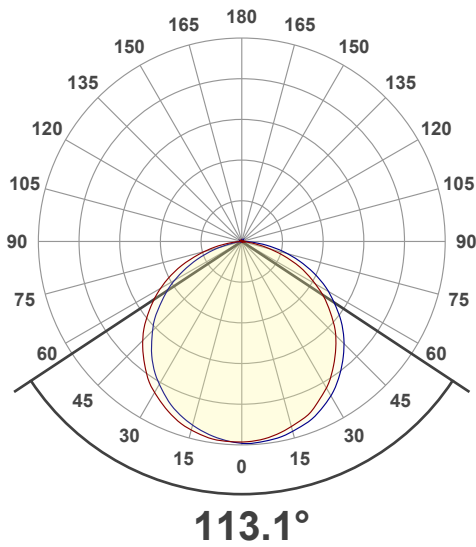
Duv: 0.0002

Rf 93.5
Fidelity index Rf

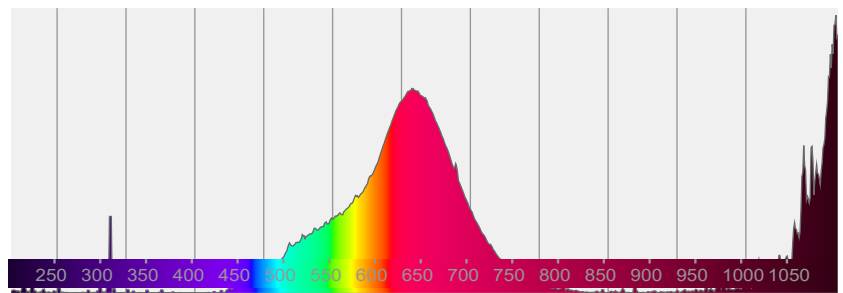
u': 0.291

v': 0.536

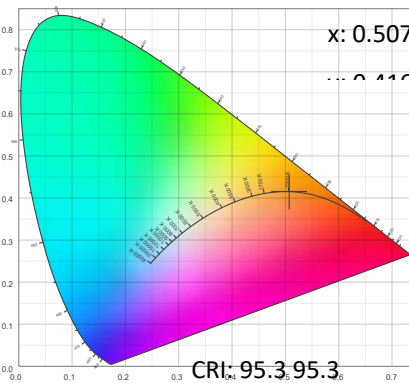
Beam Angle:



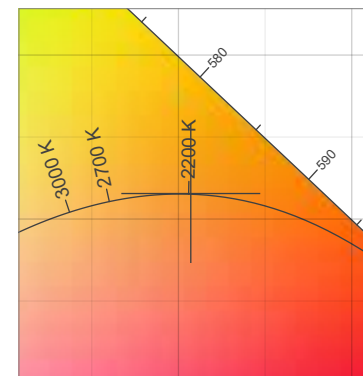
Spectra:



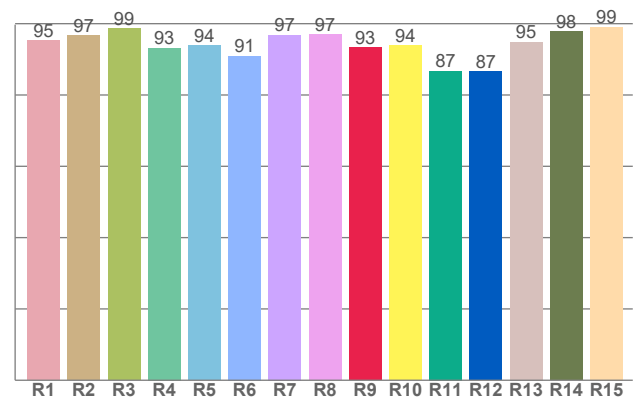
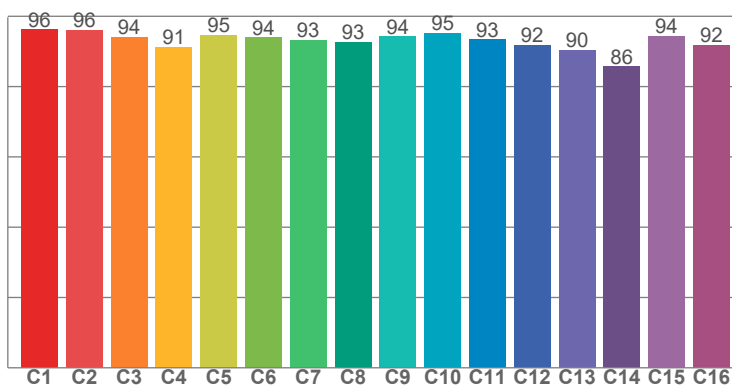
CIE 1931:



CIE 1931 Zoom:



TM30: 93.5



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-1.0-IP20-22

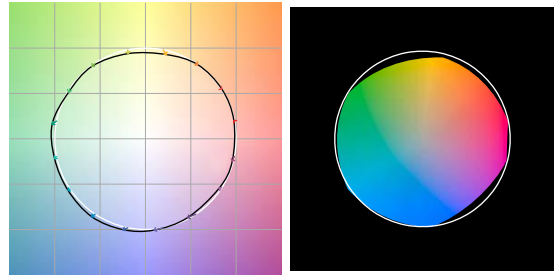


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 95.3 | 96.7 | 98.6 | 93.2 | 93.8 | 91.0 | 96.9 | 97.0 | 93.3 | 93.9 | 86.7 | 86.5 | 94.9 | 97.7 | 99.1 |

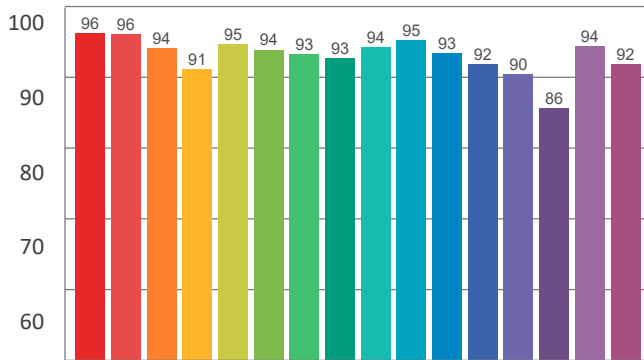
Color Vector



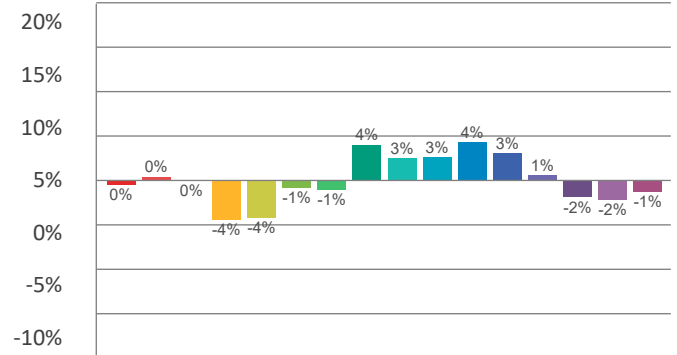
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 96.2 | 96.1 | 94.1 | 91.2 | 94.7 | 93.9 | 93.2 | 92.7 | 94.2 | 95.3 | 93.3 | 91.9 | 90.5 | 85.6 | 94.4 | 91.9 |

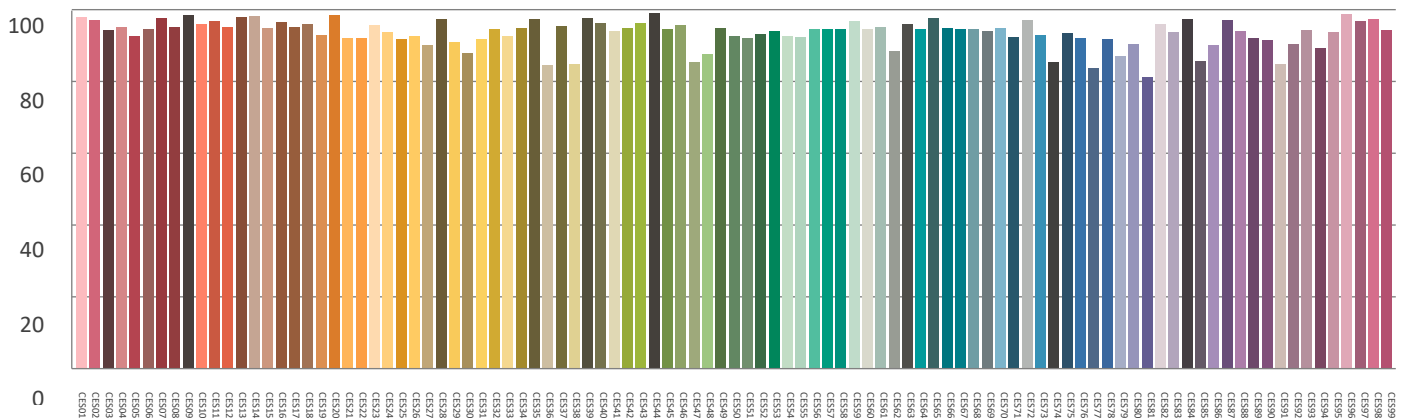
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



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PROJECT

FIXTURE

PHASE

DATE

800.595.6302

novaflexled.com

RESOURCE – PHOTOMETRICS

3592-DES-LED-SWH-24-1.0-IP20-25



Light Efficiency:



Output: 87.8 lm

Light Quality:



Peak: 30.8 cd

Power: 1.0 W

PF: 1.0

R9: 89.7

Duv: -0.0009

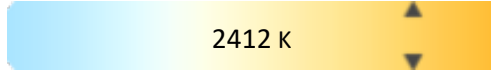
u': 0.277

v': 0.531

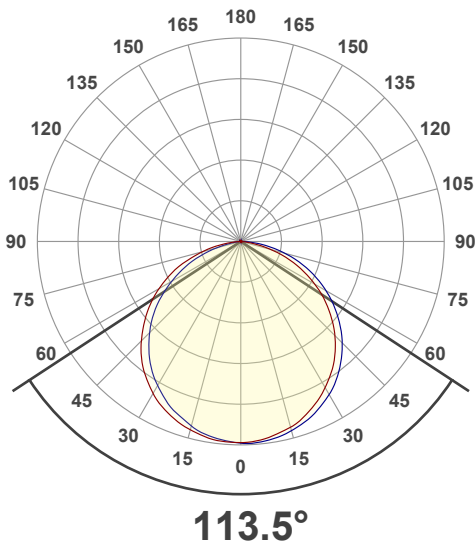
Rg 101.4
Gamut index Rg

Rf 94.9
Fidelity index Rf

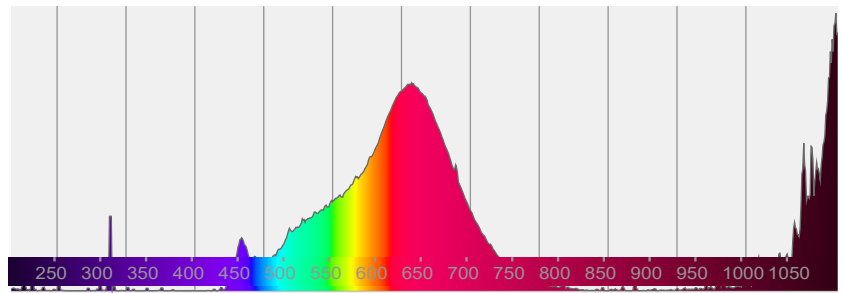
Color Temperature



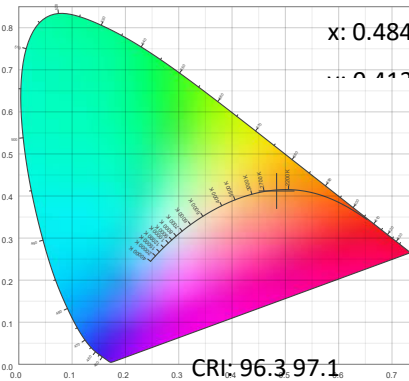
Beam Angle:



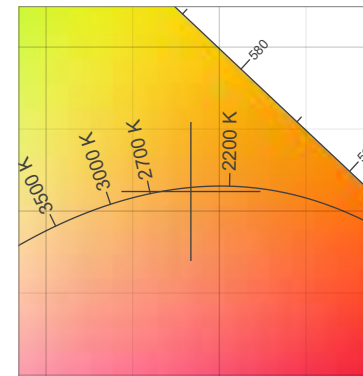
Spectra:



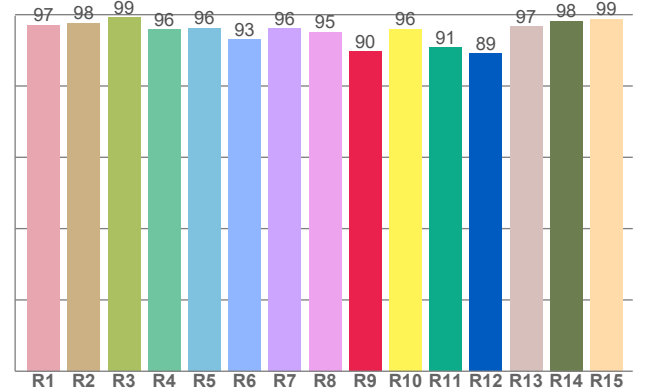
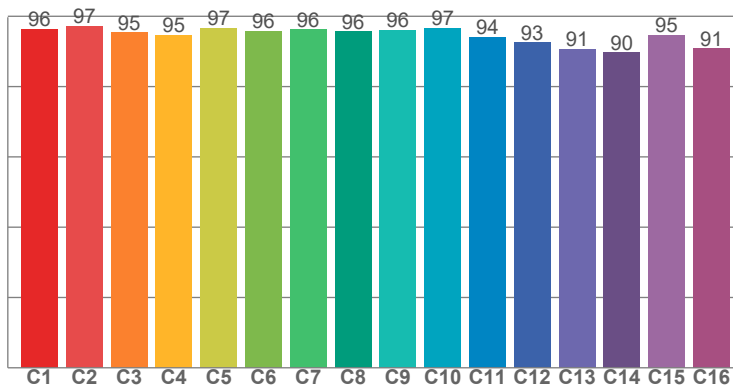
CIE 1931:



CIE 1931 Zoom:



TM30: 94.9



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RESOURCE – PHOTOMETRICS

3592-DES-LED-SWH-24-1.0-IP20-25

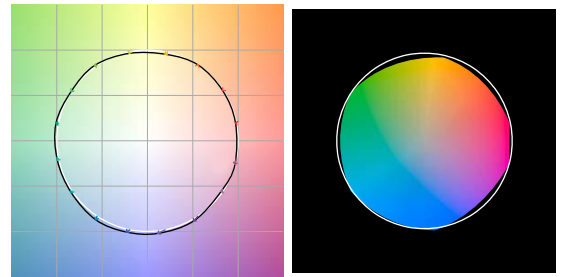


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 97.1 | 97.7 | 99.2 | 95.9 | 96.2 | 93.1 | 96.2 | 95.1 | 89.7 | 95.9 | 90.7 | 89.2 | 96.7 | 98.3 | 98.8 |

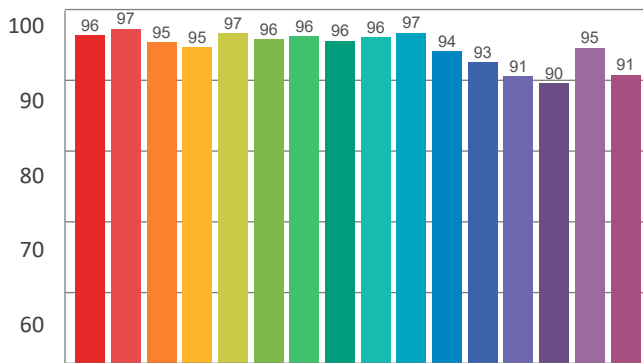
Color Vector



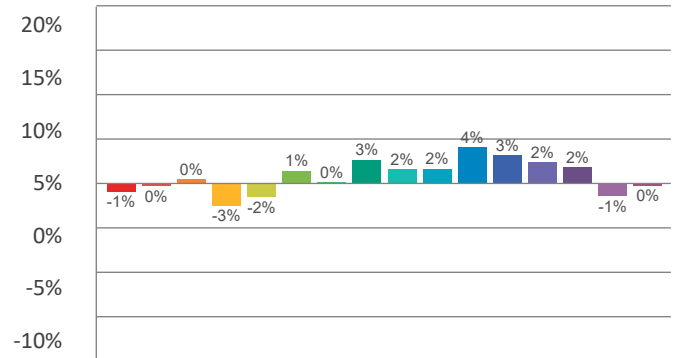
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 96.4 | 97.3 | 95.4 | 94.7 | 96.6 | 95.8 | 96.2 | 95.6 | 96.1 | 96.7 | 94.2 | 92.5 | 90.6 | 89.6 | 94.6 | 90.8 |

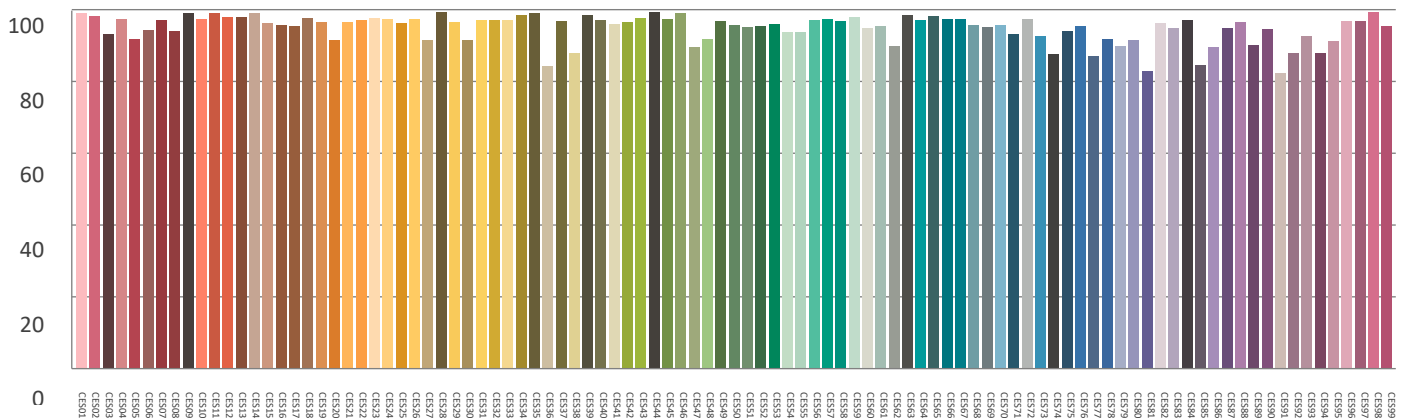
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

3592-DES-LED-SWH-24-1.0-IP20-27



Light Efficiency:



Output: 91.4 lm

Light Quality:



Peak: 31.9 cd

Power: 1.0 W

PF: 1.0

R9: 98.3

Duv: -0.0010

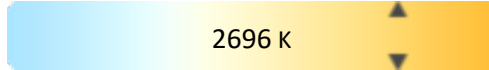
u': 0.263

v': 0.526

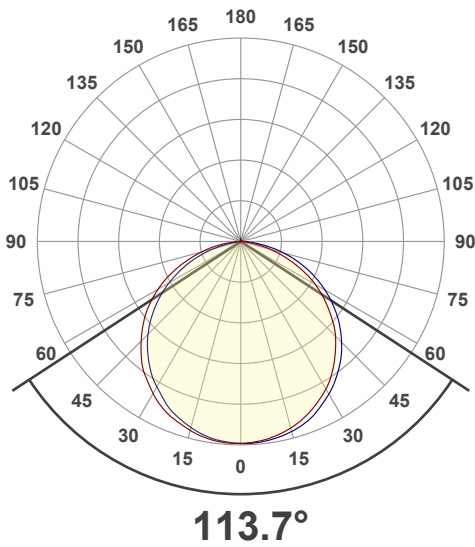
Rg 101.6
Gamut index Rg

Rf 94.9
Fidelity index Rf

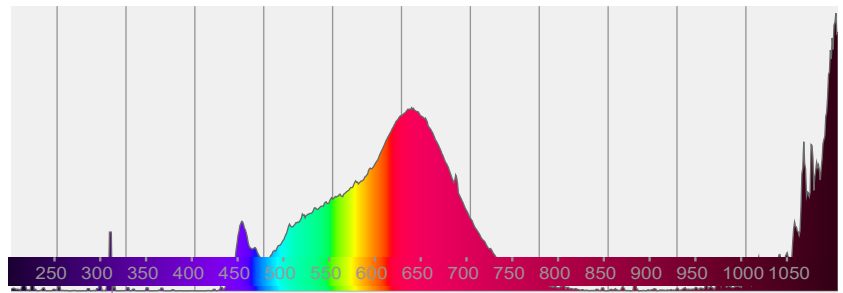
Color Temperature



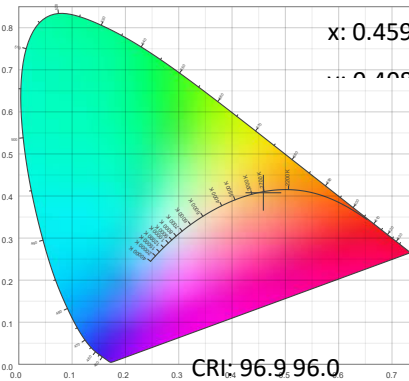
Beam Angle:



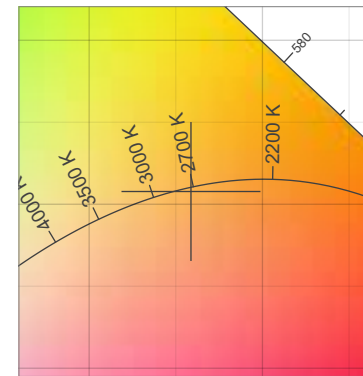
Spectra:



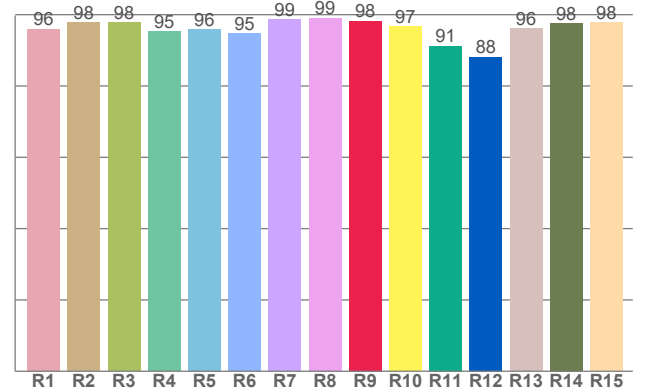
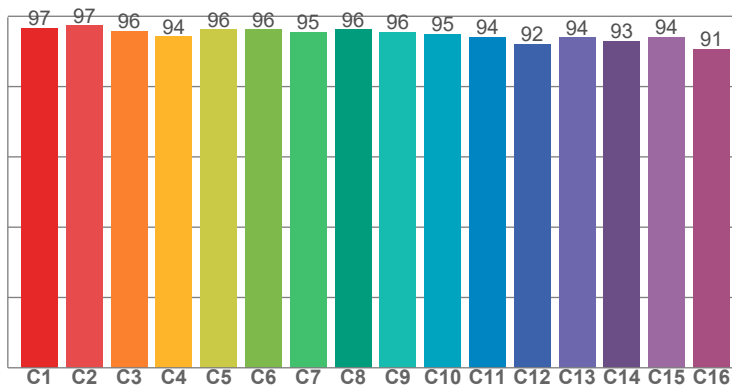
CIE 1931:



CIE 1931 Zoom:



TM30: 94.9



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RESOURCE – PHOTOMETRICS

3592-DES-LED-SWH-24-1.0-IP20-27

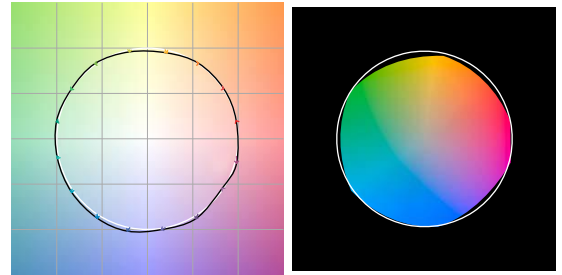


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 96.0 | 97.9 | 97.9 | 95.3 | 95.9 | 94.7 | 98.6 | 99.1 | 98.3 | 96.7 | 91.2 | 88.2 | 96.1 | 97.6 | 97.9 |

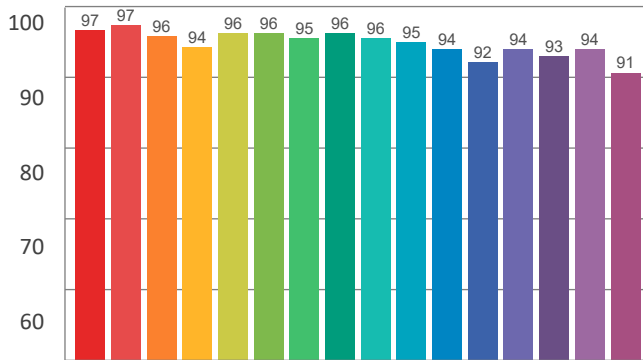
Color Vector



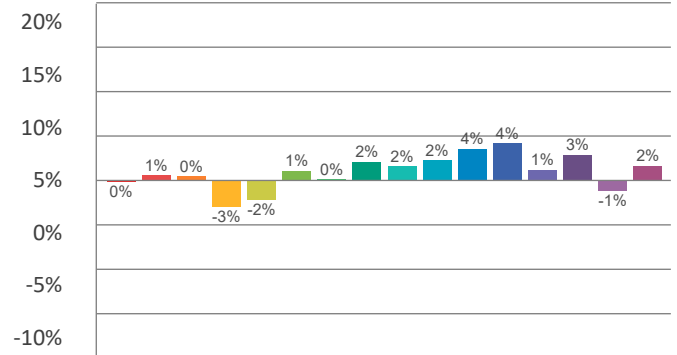
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 96.7 | 97.3 | 95.7 | 94.2 | 96.3 | 96.2 | 95.5 | 96.2 | 95.5 | 94.9 | 94.0 | 92.2 | 94.0 | 93.0 | 94.0 | 90.6 |

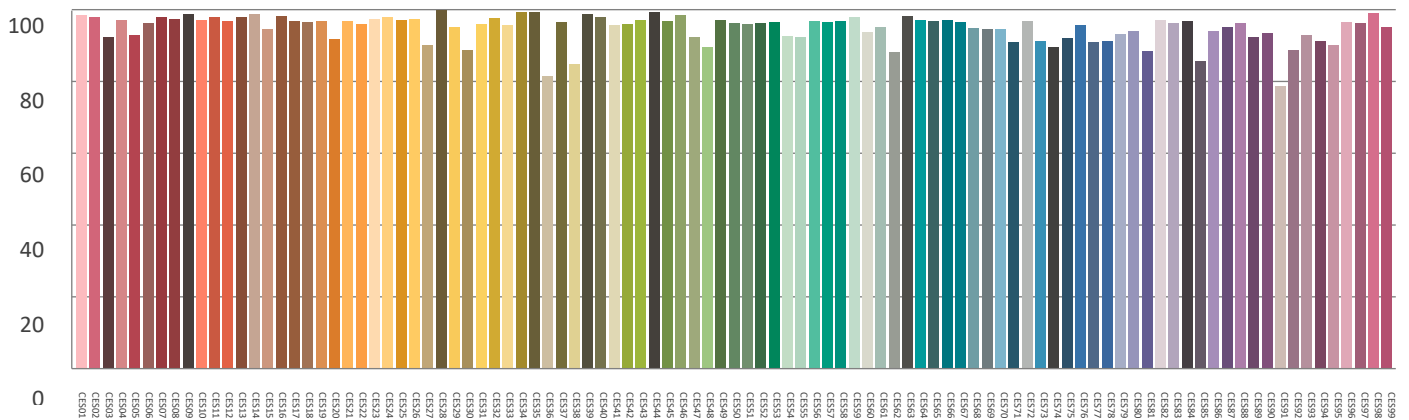
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-1.0-IP20-30



Light Efficiency:



Output: 95.2 lm

Light Quality:



Peak: 33.2 cd

Power: 1.0 W

PF: 1.0

R9: 98.6

Duv: -0.0017

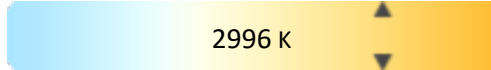
u': 0.251

v': 0.519

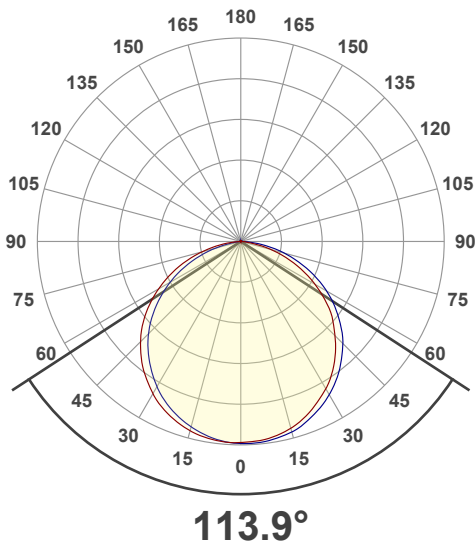
Rg 102.4
Gamut index Rg

Rf 95.0
Fidelity index Rf

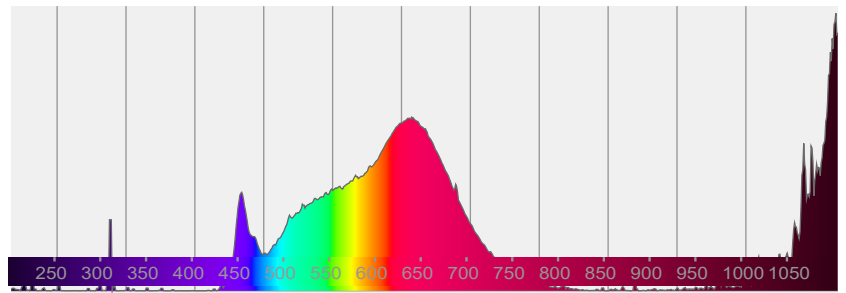
Color Temperature



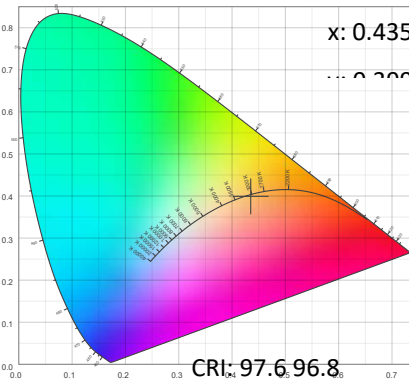
Beam Angle:



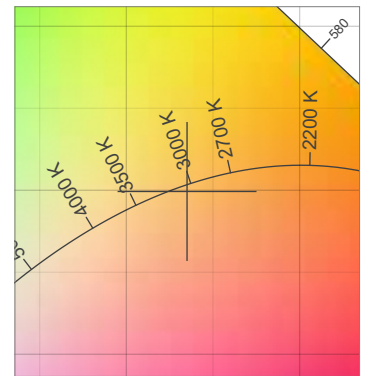
Spectra:



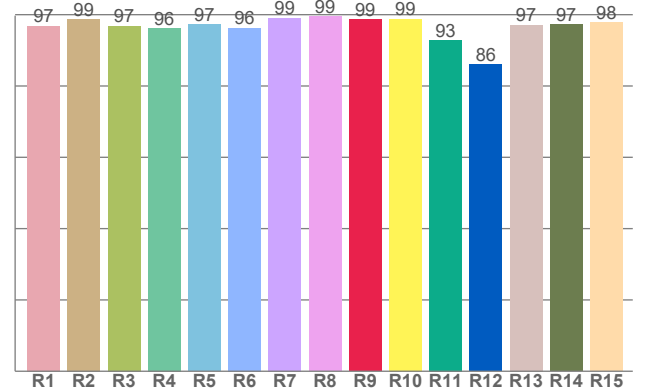
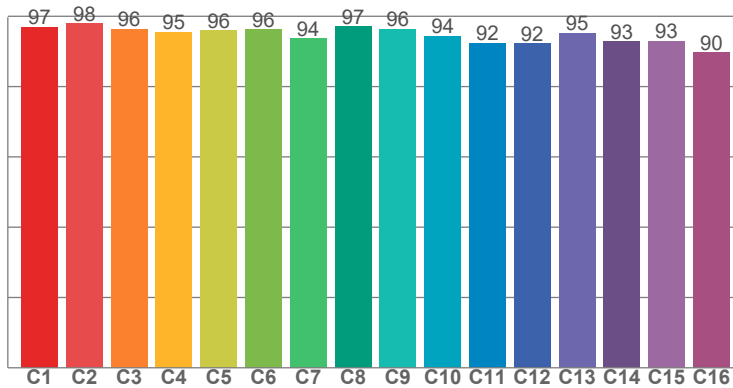
CIE 1931:



CIE 1931 Zoom:



TM30: 95.0



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-1.0-IP20-30

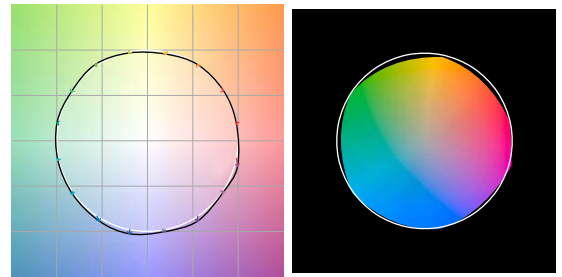


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 96.8 | 98.7 | 96.9 | 96.2 | 97.3 | 96.3 | 99.1 | 99.5 | 98.6 | 98.8 | 92.8 | 86.0 | 97.1 | 97.2 | 97.8 |

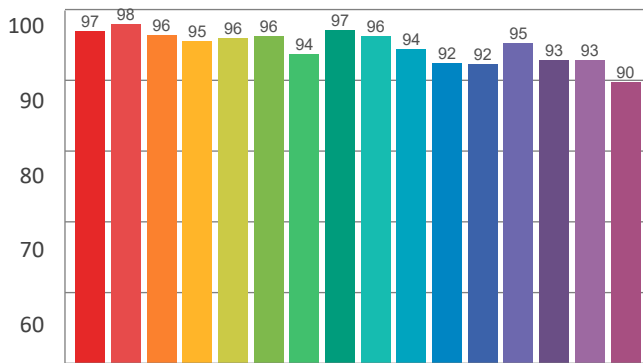
Color Vector



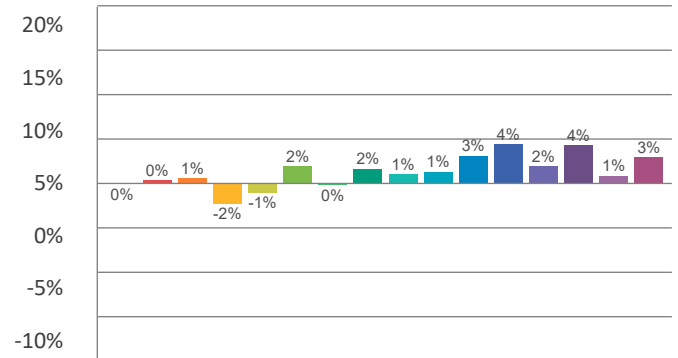
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 96.9 | 97.9 | 96.4 | 95.5 | 95.9 | 96.2 | 93.7 | 97.1 | 96.3 | 94.4 | 92.4 | 92.3 | 95.2 | 92.8 | 92.9 | 89.7 |

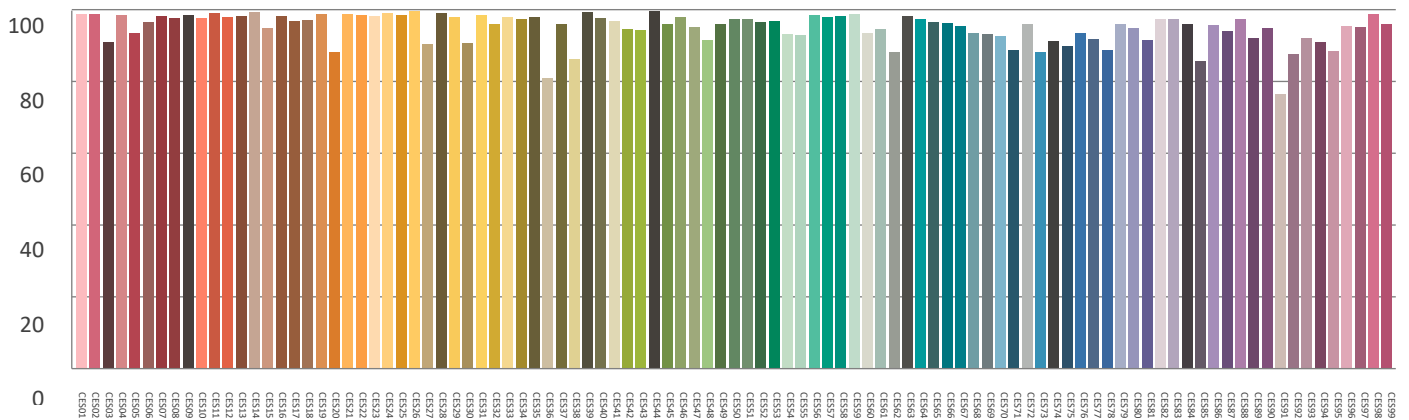
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

3592-DES-LED-SWH-24-1.0-IP20-35



Light Efficiency:



Output: 100 lm

Light Quality:



Peak: 34.7 cd

Power: 1.0 W

PF: 1.0

R9: 97.7

Duv: 0.0008

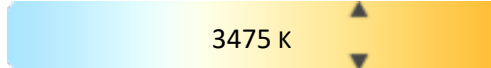
u': 0.236

v': 0.513

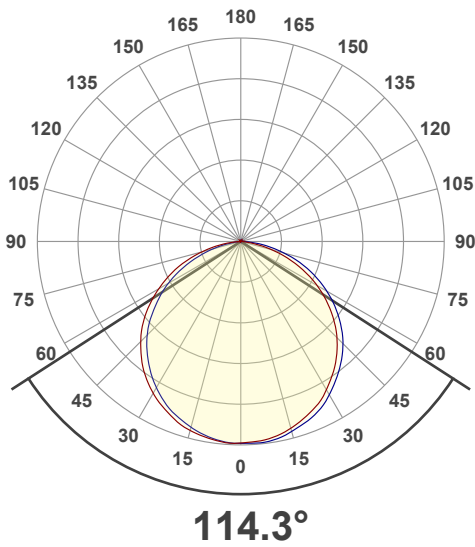
Rg 100.5
Gamut index Rg

Rf 94.1
Fidelity index Rf

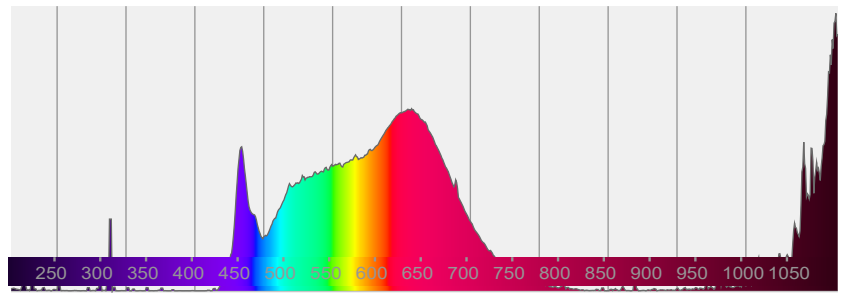
Color Temperature



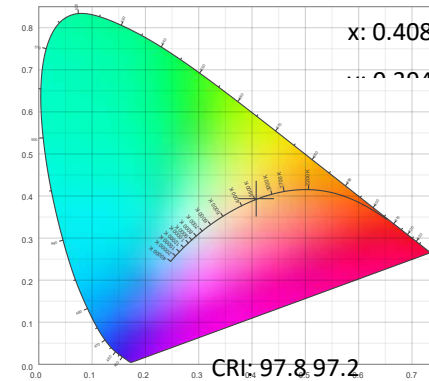
Beam Angle:



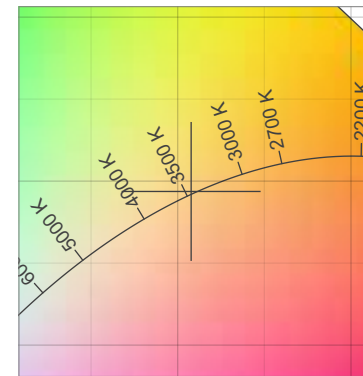
Spectra:



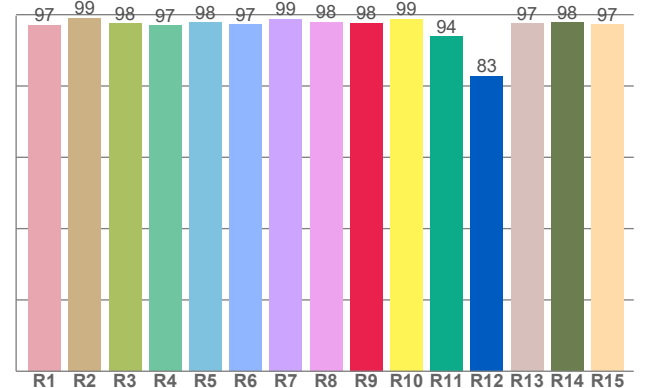
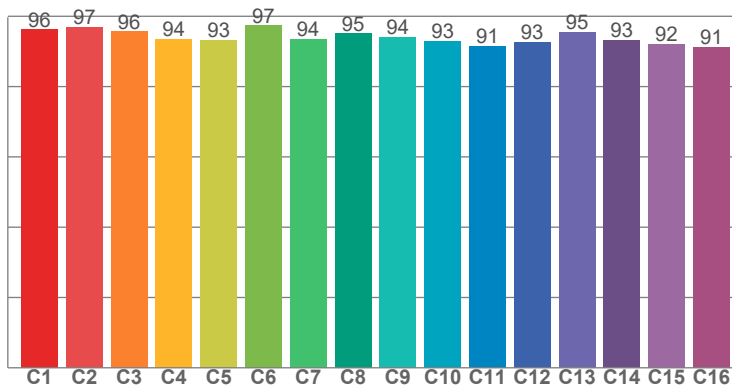
CIE 1931:



CIE 1931 Zoom:



TM30: 94.1



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RESOURCE – PHOTOMETRICS

3592-DES-LED-SWH-24-1.0-IP20-35

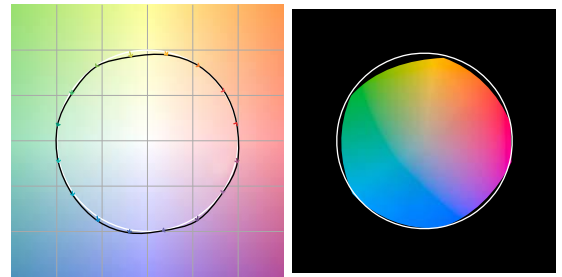


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 97.2 | 99.1 | 97.5 | 97.0 | 97.8 | 97.3 | 98.8 | 98.0 | 97.7 | 98.8 | 94.0 | 82.8 | 97.5 | 97.9 | 97.2 |

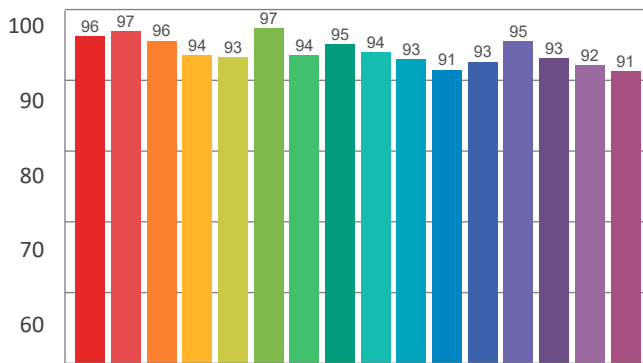
Color Vector



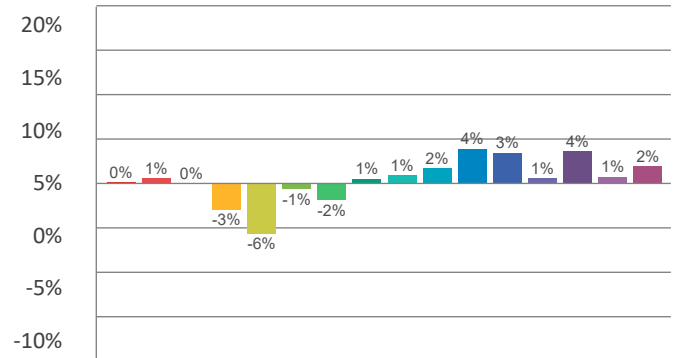
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 96.2 | 97.0 | 95.6 | 93.6 | 93.2 | 97.3 | 93.5 | 95.1 | 94.0 | 93.0 | 91.5 | 92.6 | 95.5 | 93.2 | 92.1 | 91.3 |

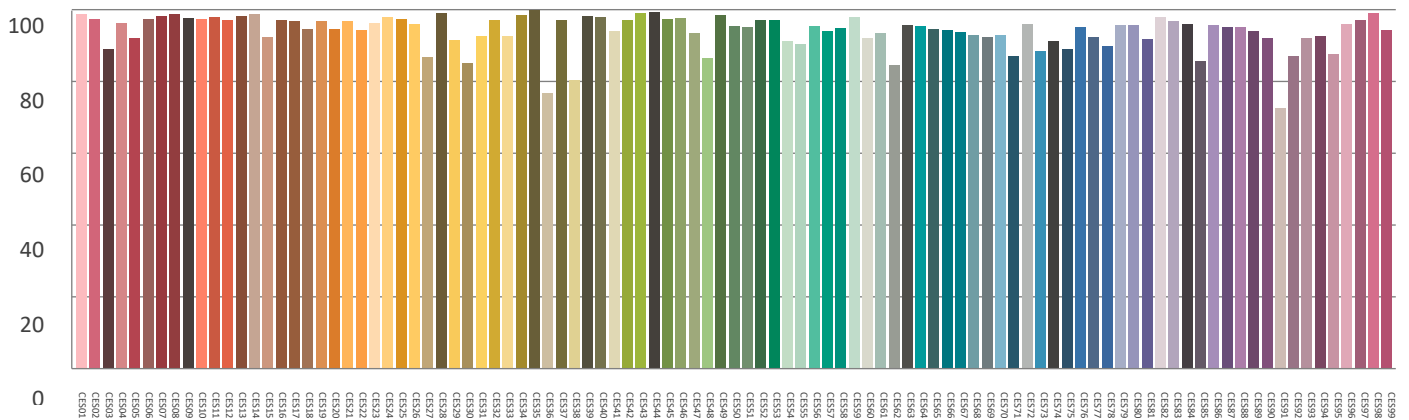
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-1.0-IP20-40



Light Efficiency:

102 Lumen/Watt

Output: 105 lm

Light Quality:

CRI: 98.1

Peak: 36.0 cd

Power: 1.0 W

PF: 1.0

R9: 96.8

Duv: -0.0007

u': 0.225

v': 0.501

Rg 101.1

Gamut index Rg

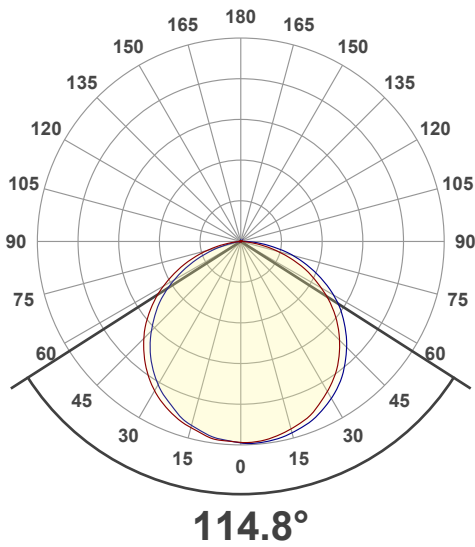
Rf 93.9

Fidelity index Rf

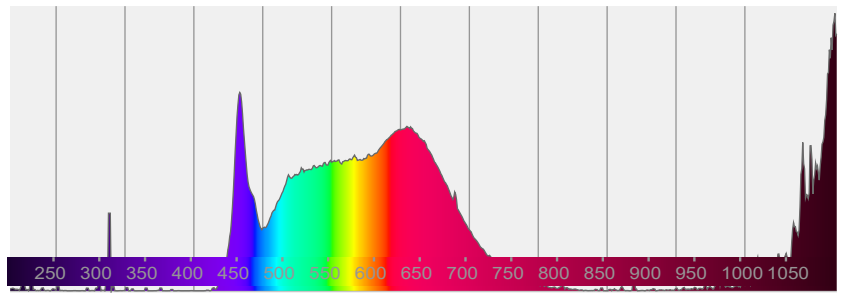
Color Temperature

4010 K

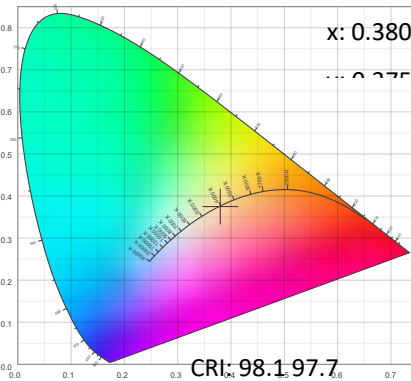
Beam Angle:



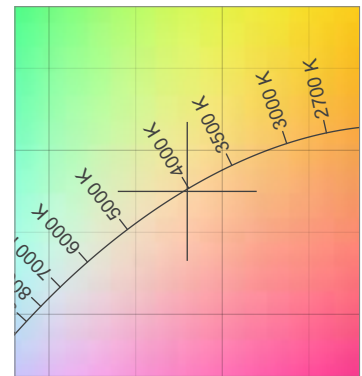
Spectra:



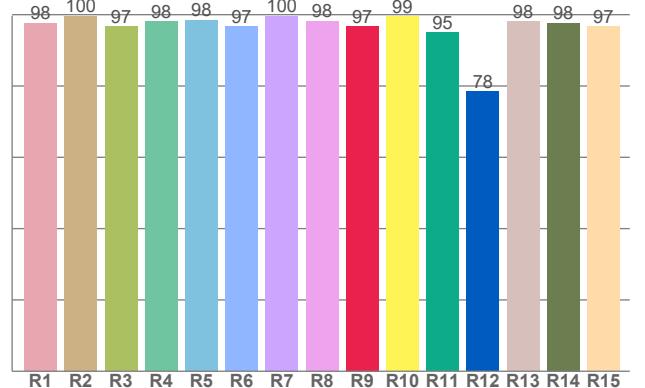
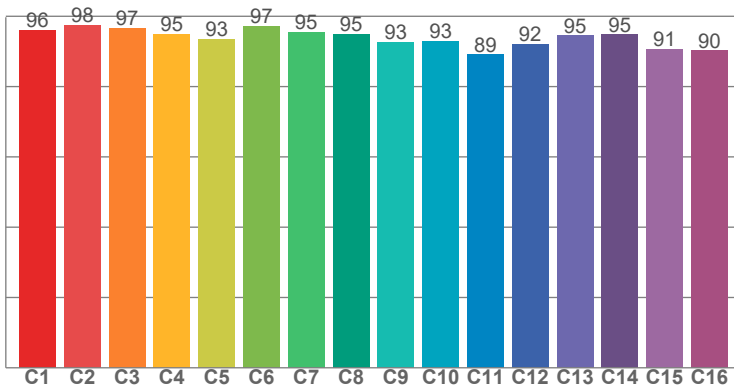
CIE 1931:



CIE 1931 Zoom:



TM30: 93.9



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RESOURCE – PHOTOMETRICS

DES-LED-SWH-24-1.0-IP20-40

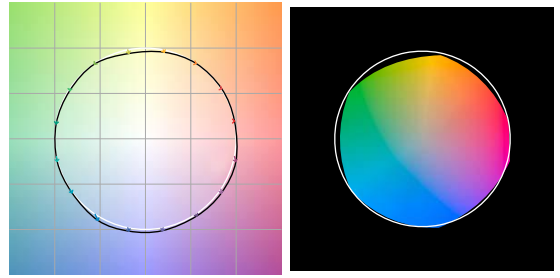


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 97.7 | 99.7 | 96.8 | 98.0 | 98.5 | 96.7 | 99.6 | 98.2 | 96.8 | 99.4 | 94.9 | 78.4 | 98.1 | 97.6 | 96.7 |

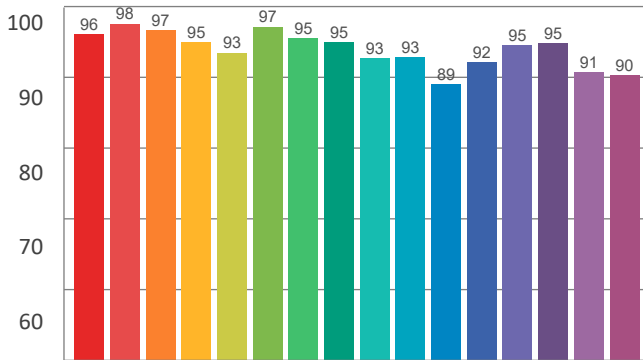
Color Vector



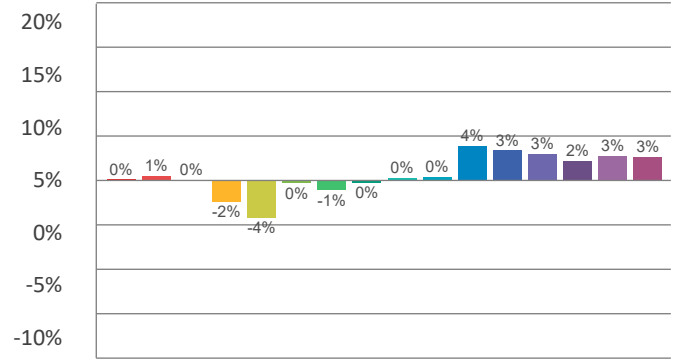
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 96.1 | 97.6 | 96.7 | 95.0 | 93.5 | 97.1 | 95.5 | 95.0 | 92.7 | 92.9 | 89.1 | 92.2 | 94.5 | 94.9 | 90.7 | 90.3 |

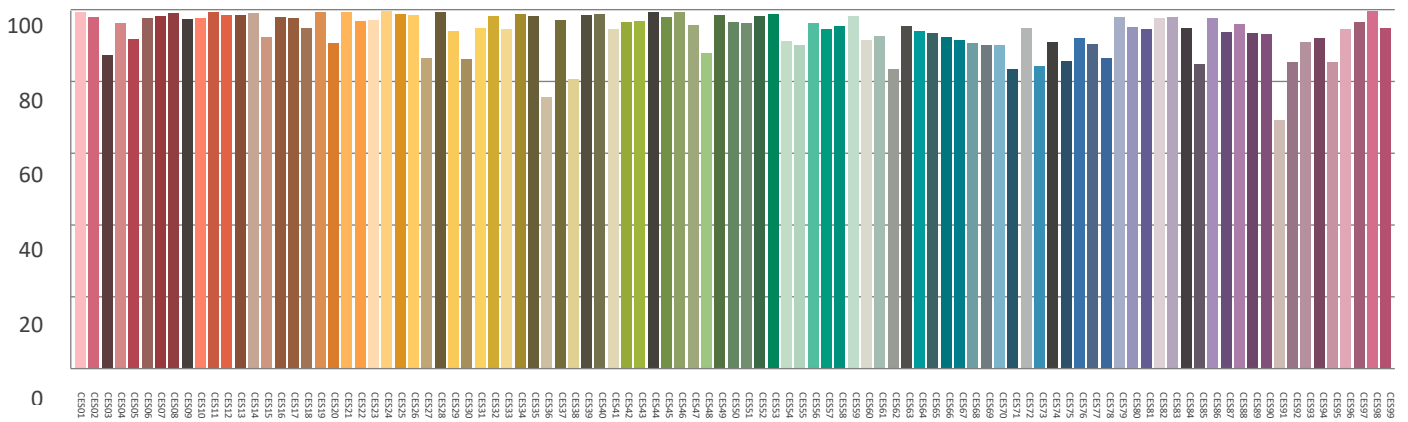
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



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