

RESOURCE – PHOTOMETRICS

PRO-LED-SWH-24-1.0-IP20-27



Light Efficiency:



Output: 91.5 lm

Light Quality:



Peak: 31.9 cd

Power: 1.0 W

PF: 1.0

R9: 98.0

Duv: -0.0009

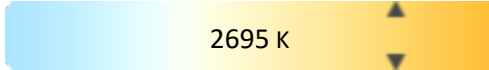
u': 0.263

v': 0.526

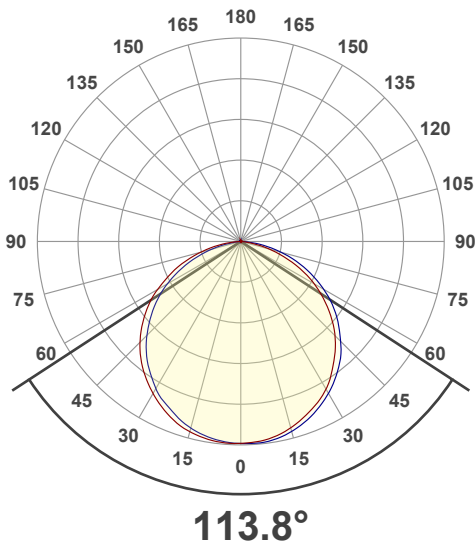
Rg 101.7
Gamut index Rg

Rf 95.0
Fidelity index Rf

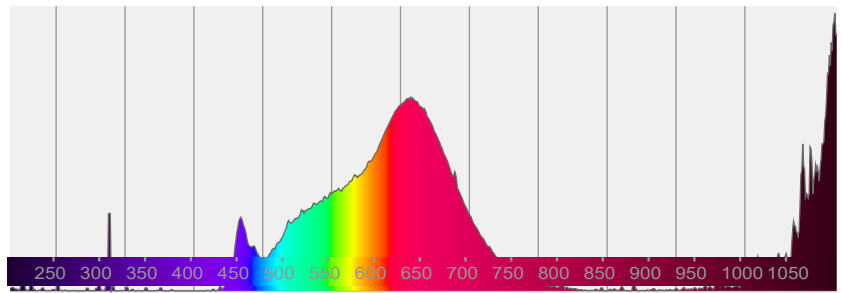
Color Temperature



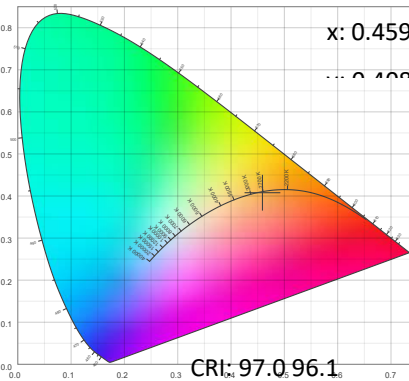
Beam Angle:



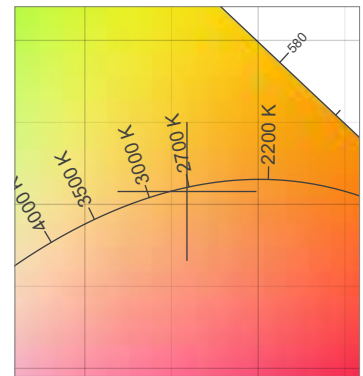
Spectra:



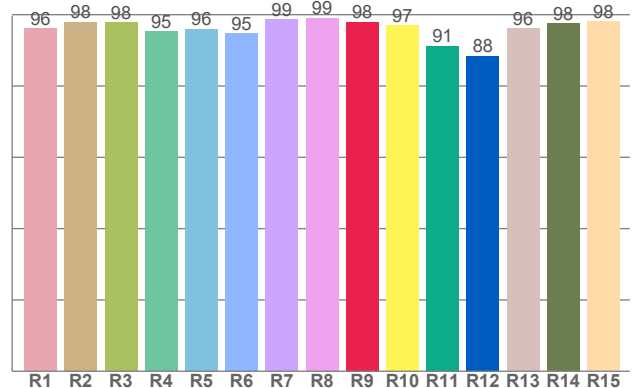
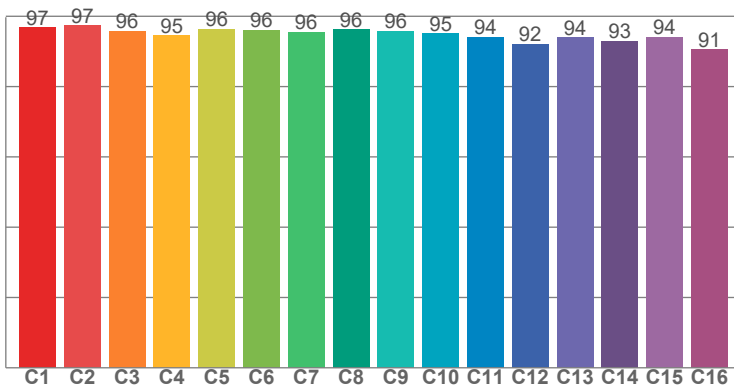
CIE 1931:



CIE 1931 Zoom:



TM30: 95.0



Nova Flex retains the right to modify the design of our products at any time as part of the company's continual product improvement program

RESOURCE – PHOTOMETRICS

PRO-LED-SWH-24-1.0-IP20-27

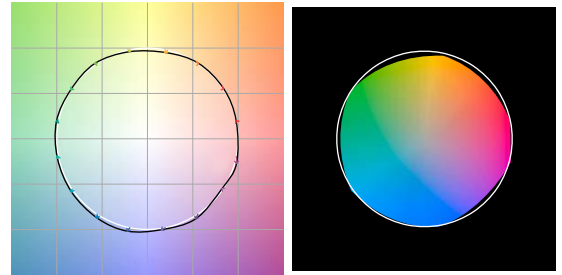


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.1	98.0	97.7	95.3	96.0	94.8	98.6	99.1	98.0	96.9	91.2	88.4	96.2	97.5	98.0

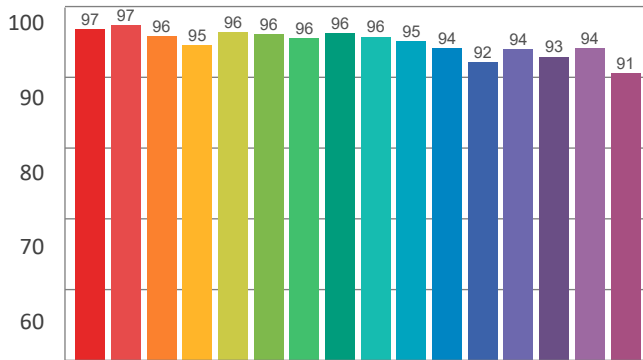
Color Vector



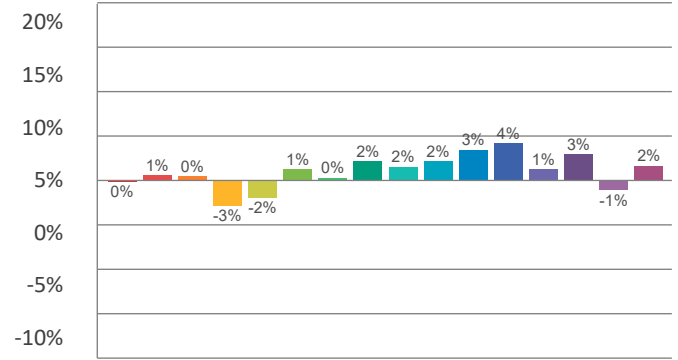
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.7	97.4	95.8	94.5	96.3	96.1	95.6	96.2	95.7	95.1	94.1	92.2	94.0	92.9	94.1	90.6

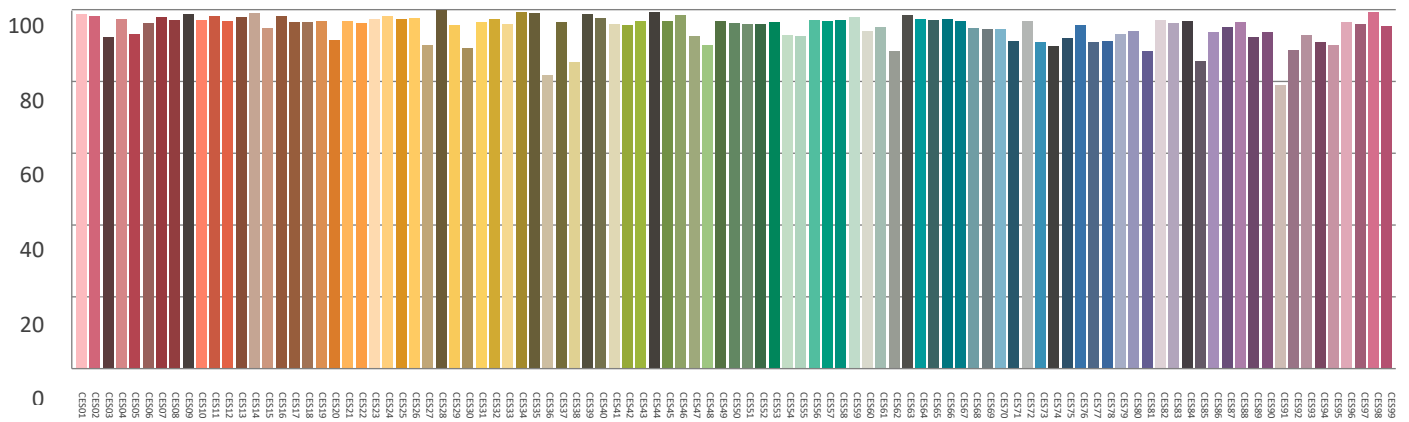
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



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PROJECT

FIXTURE

PHASE

DATE

800.595.6302

novaflexled.com

RESOURCE – PHOTOMETRICS

PRO-LED-SWH-24-1.0-IP20-30



Light Efficiency:



Output: 97.3 lm

Light Quality:



Peak: 33.9 cd

Power: 1.0 W

PF: 1.0

R9: 98.5

Duv: -0.0015

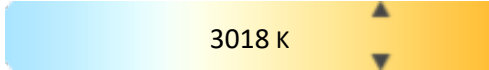
u': 0.251

v': 0.519

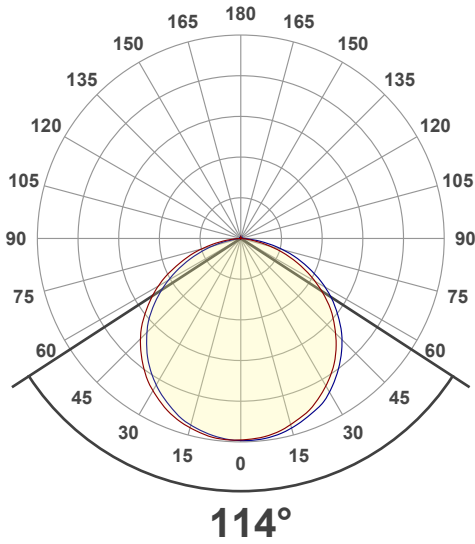
Rg 102.1
Gamut index Rg

Rf 94.9
Fidelity index Rf

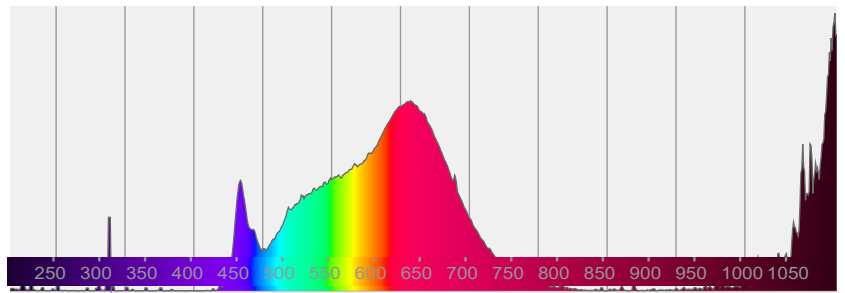
Color Temperature



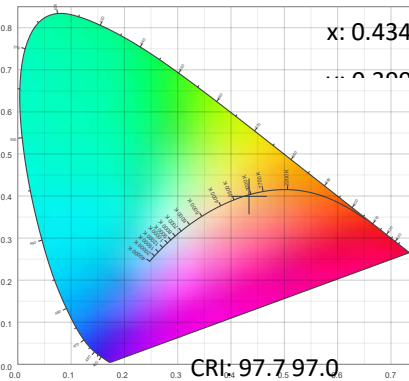
Beam Angle:



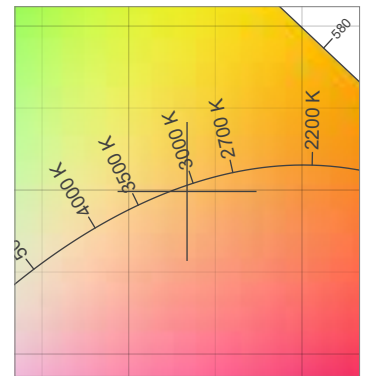
Spectra:



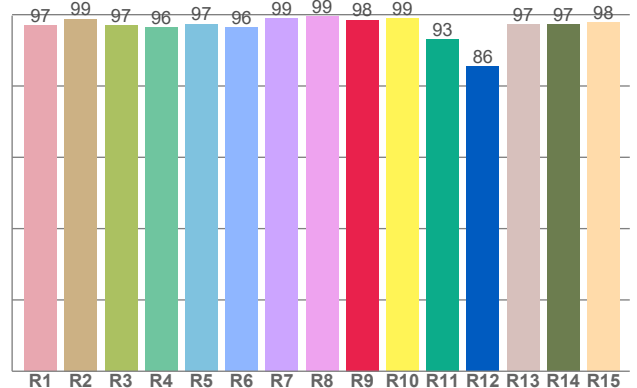
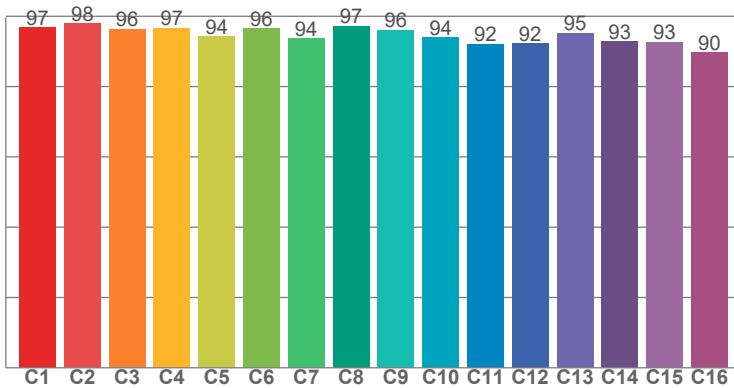
CIE 1931:



CIE 1931 Zoom:



TM30: 94.9



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RESOURCE – PHOTOMETRICS

PRO-LED-SWH-24-1.0-IP20-30

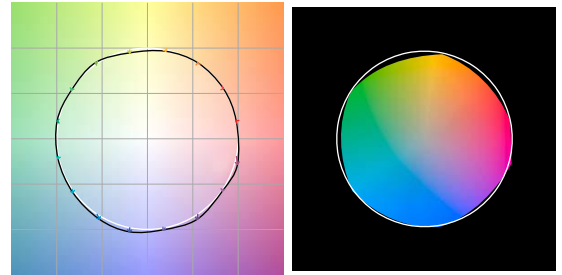


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.0	98.8	97.0	96.5	97.5	96.3	99.0	99.4	98.5	98.9	93.1	85.5	97.2	97.3	97.9

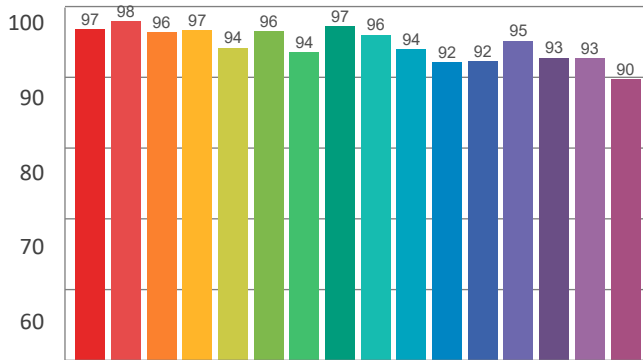
Color Vector



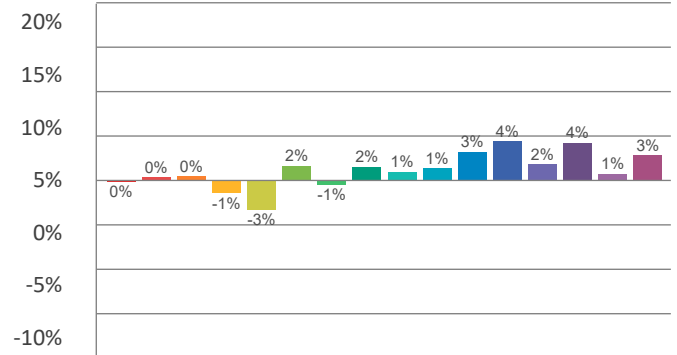
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.9	97.9	96.4	96.7	94.2	96.5	93.6	97.2	96.0	94.0	92.1	92.2	95.2	92.8	92.7	89.7

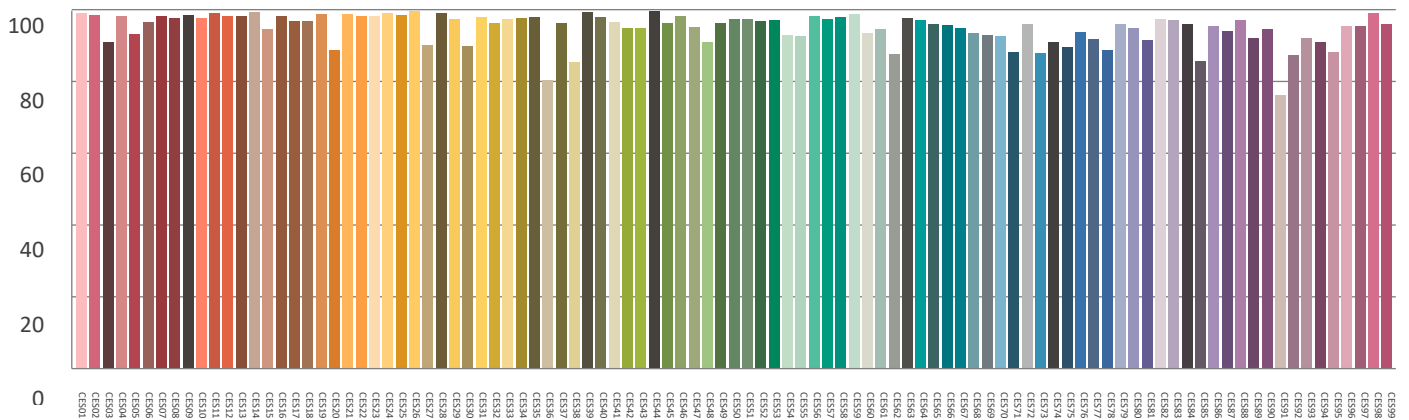
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

PRO-LED-SWH-24-1.0-IP20-35



Light Efficiency:



Output: 101 lm

Light Quality:



Peak: 35.1 cd

Power: 1.0 W

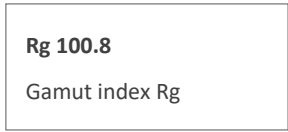
PF: 1.0

R9: 96.1

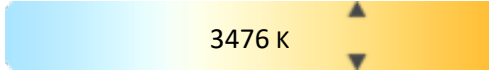
Duv: -0.0001

u': 0.236

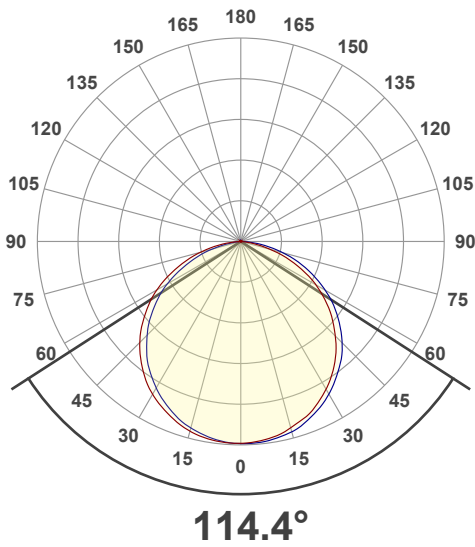
v': 0.512



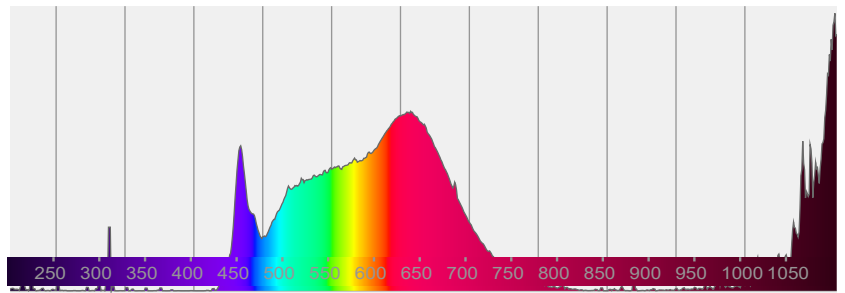
Color Temperature



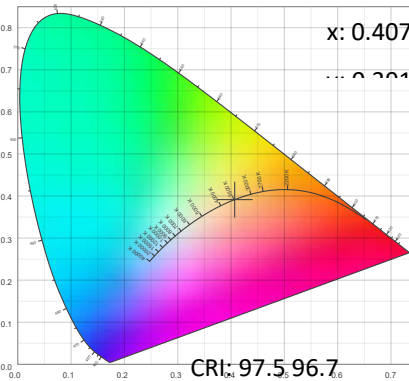
Beam Angle:



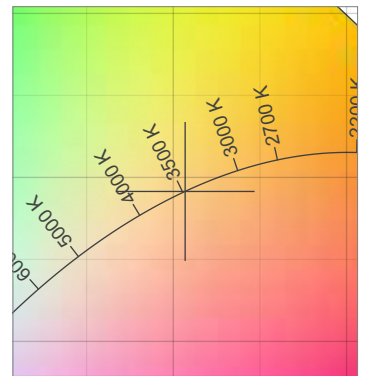
Spectra:



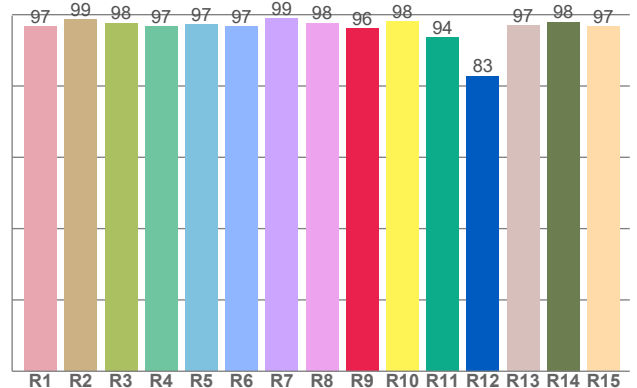
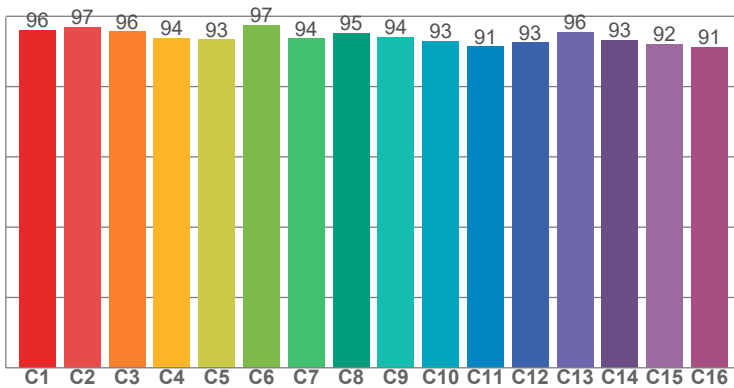
CIE 1931:



CIE 1931 Zoom:



TM30: 94.1



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RESOURCE – PHOTOMETRICS

PRO-LED-SWH-24-1.0-IP20-35

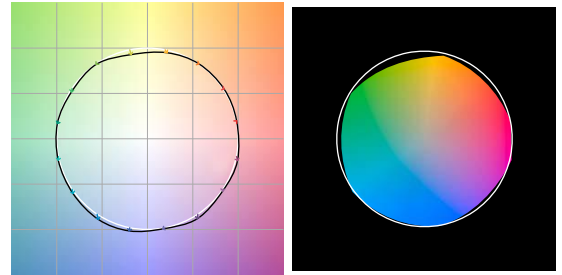


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.7	98.7	97.7	96.7	97.3	96.7	98.9	97.6	96.1	98.0	93.6	82.8	97.0	97.9	96.7

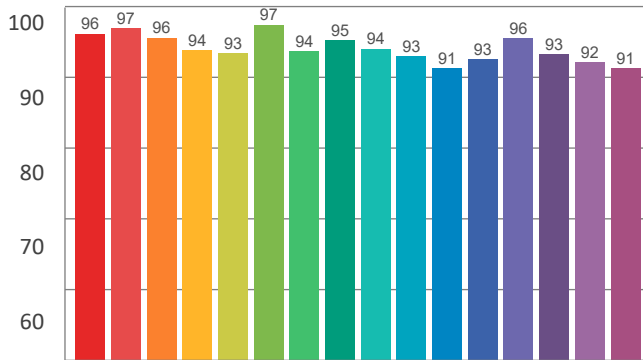
Color Vector



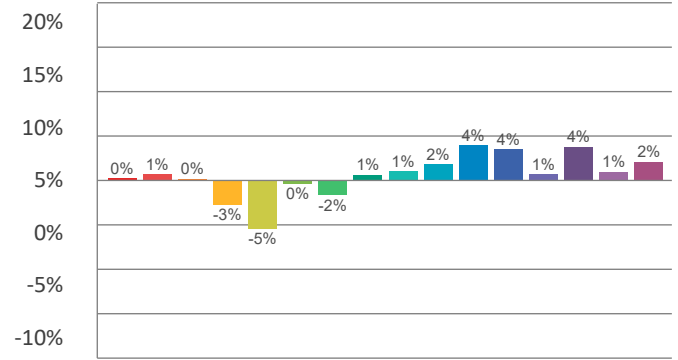
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.2	96.9	95.6	93.9	93.4	97.4	93.7	95.2	94.1	93.0	91.3	92.5	95.6	93.2	92.1	91.2

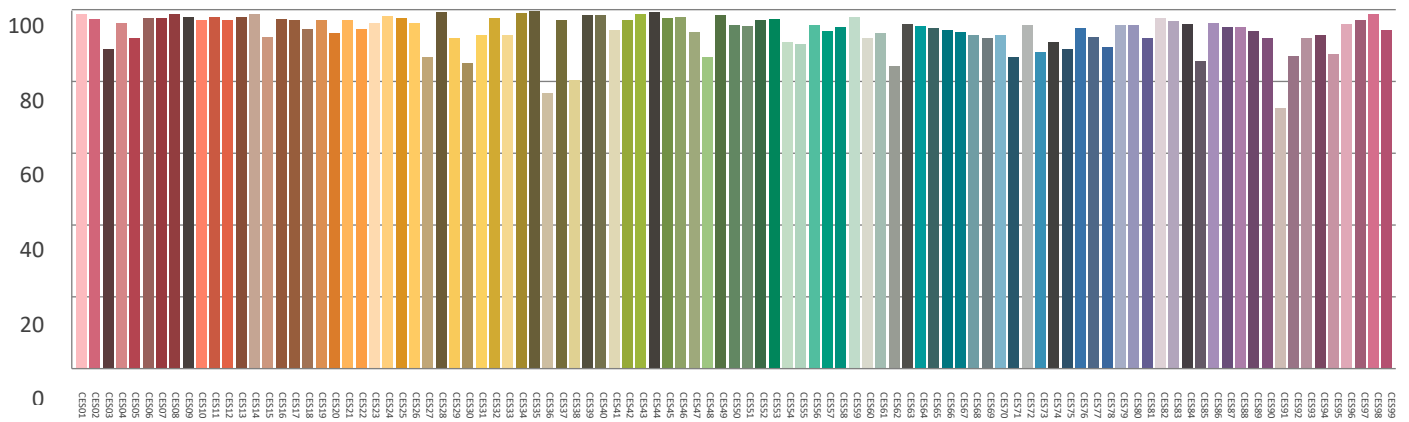
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



RESOURCE – PHOTOMETRICS

PRO-LED-SWH-24-1.0-IP20-40



Light Efficiency:



Output: 104 lm

Light Quality:



Peak: 35.7 cd

Power: 1.0 W

PF: 1.0

R9: 93.8

Duv: -0.0016

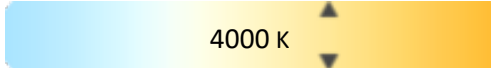
u': 0.226

v': 0.500

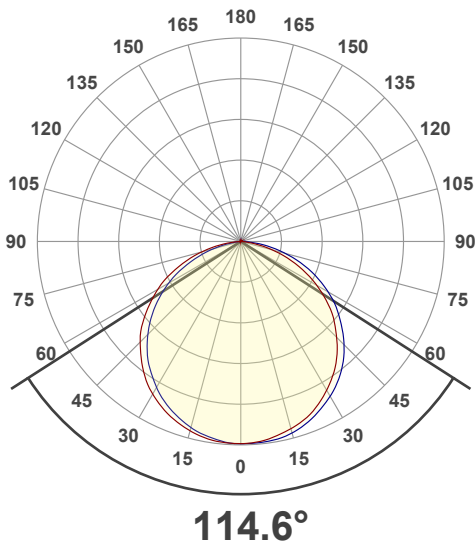
Rg 101.2
Gamut index Rg

Rf 93.6
Fidelity index Rf

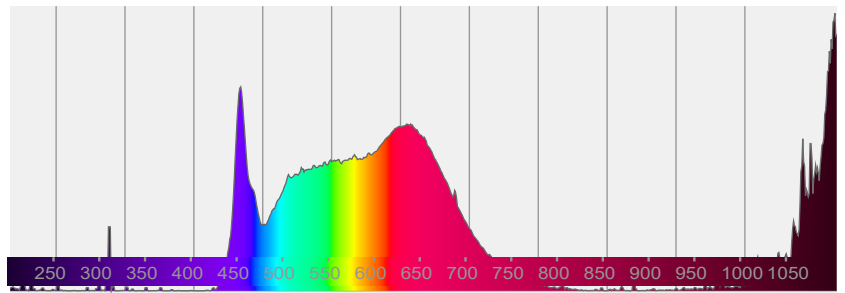
Color Temperature



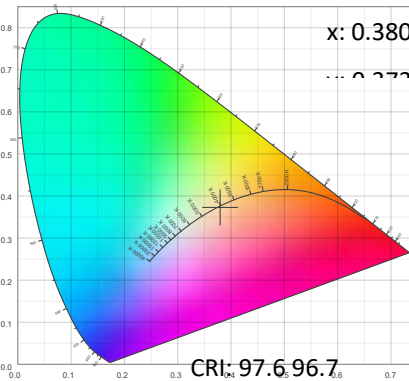
Beam Angle:



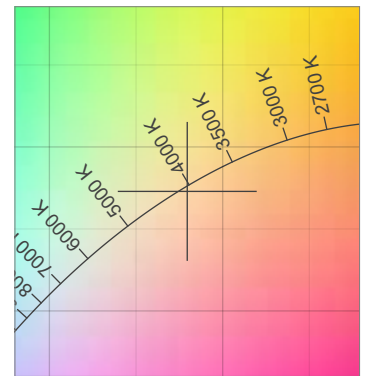
Spectra:



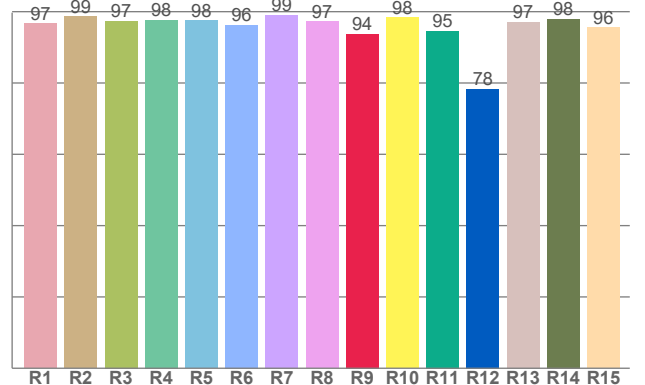
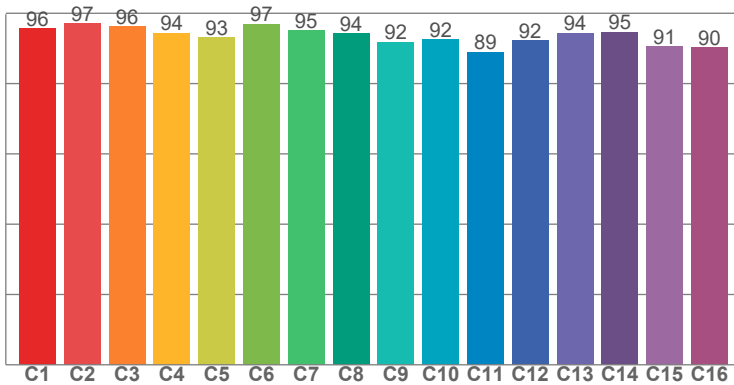
CIE 1931:



CIE 1931 Zoom:



TM30: 93.6



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RESOURCE – PHOTOMETRICS

PRO-LED-SWH-24-1.0-IP20-40

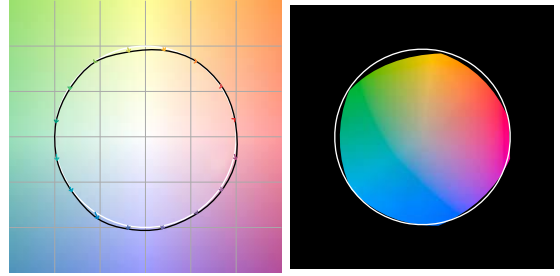


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.7	98.7	97.4	97.7	97.5	96.3	99.1	97.2	93.8	98.4	94.6	78.4	97.1	97.9	95.6

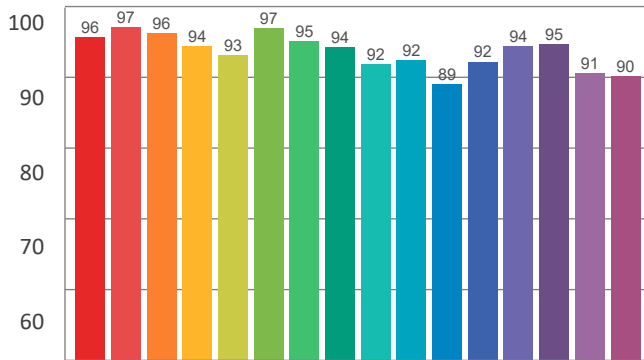
Color Vector



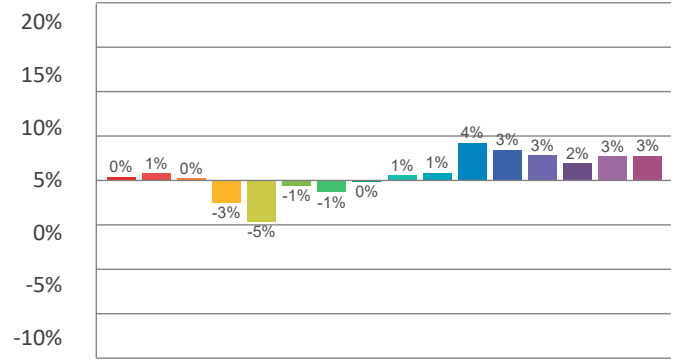
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.6	97.0	96.3	94.4	93.1	96.9	95.1	94.2	91.9	92.5	89.0	92.2	94.4	94.7	90.6	90.2

Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample

