

# RESOURCE – PHOTOMETRICS

PRO-LED-SWH-24-3.0-IP20-27



Light Efficiency:



Output: 278 lm

Light Quality:



Peak: 96.1 cd

Power: 3.1 W

PF: 1.0

R9: 97.6

Duv: -0.0010

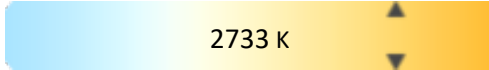
u': 0.261

v': 0.525

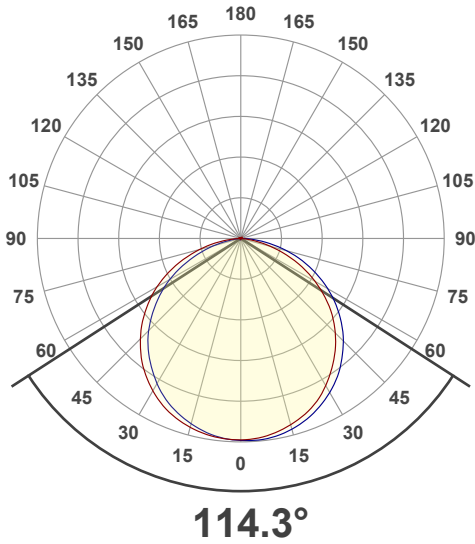
Rg 101.8  
Gamut index Rg

Rf 95.2  
Fidelity index Rf

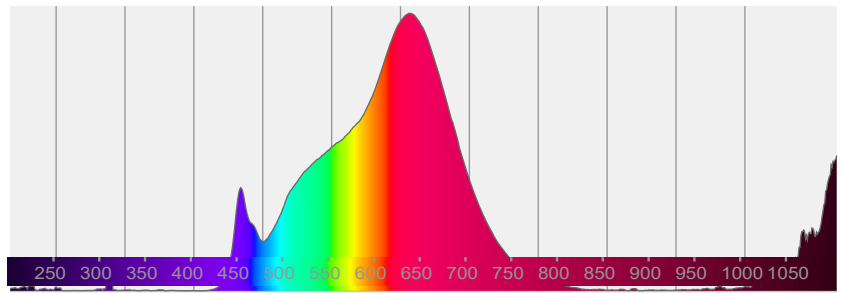
Color Temperature



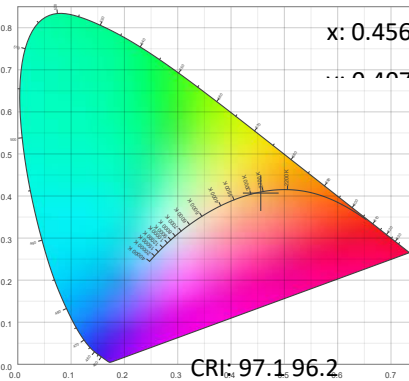
Beam Angle:



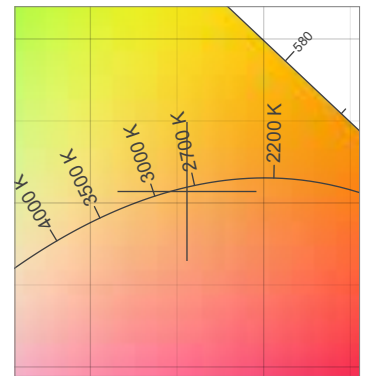
Spectra:



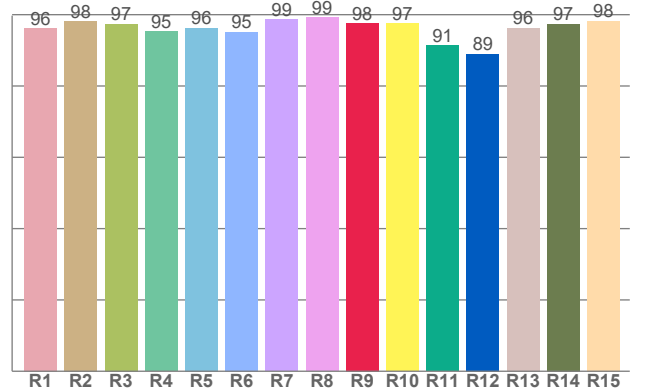
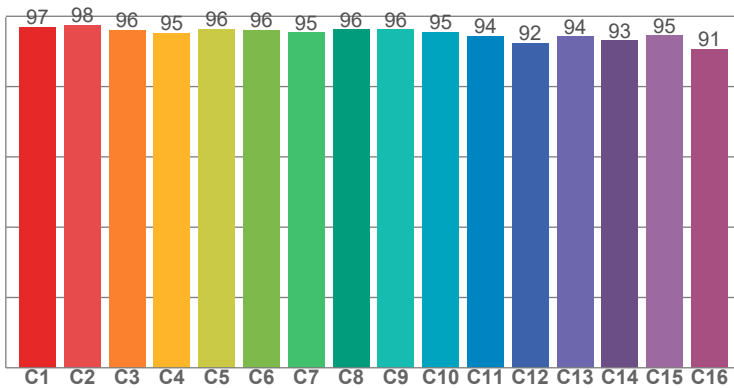
CIE 1931:



CIE 1931 Zoom:



TM30: 95.2



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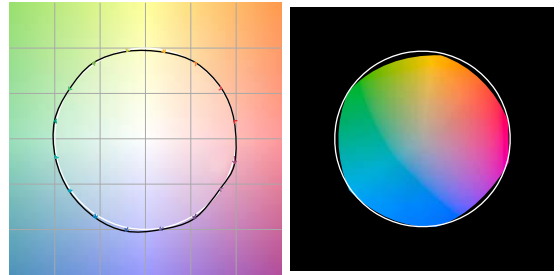


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.2	98.2	97.5	95.3	96.3	95.2	98.7	99.2	97.6	97.5	91.3	89.0	96.3	97.4	98.2

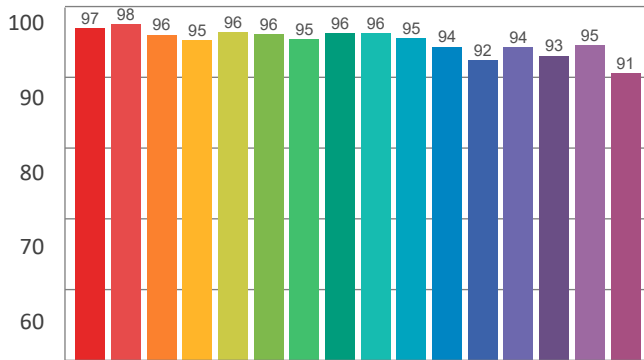
Color Vector



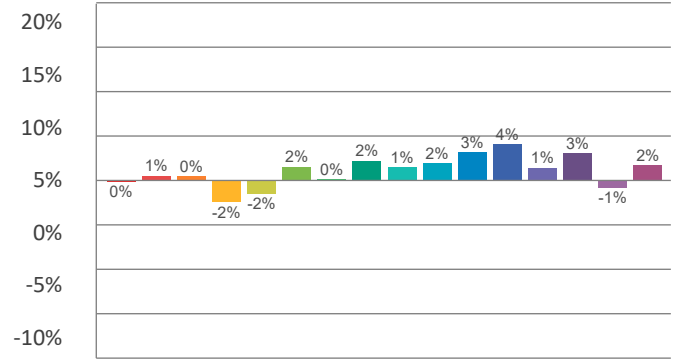
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.9	97.5	96.0	95.2	96.4	96.1	95.4	96.3	96.2	95.5	94.3	92.4	94.2	93.0	94.5	90.6

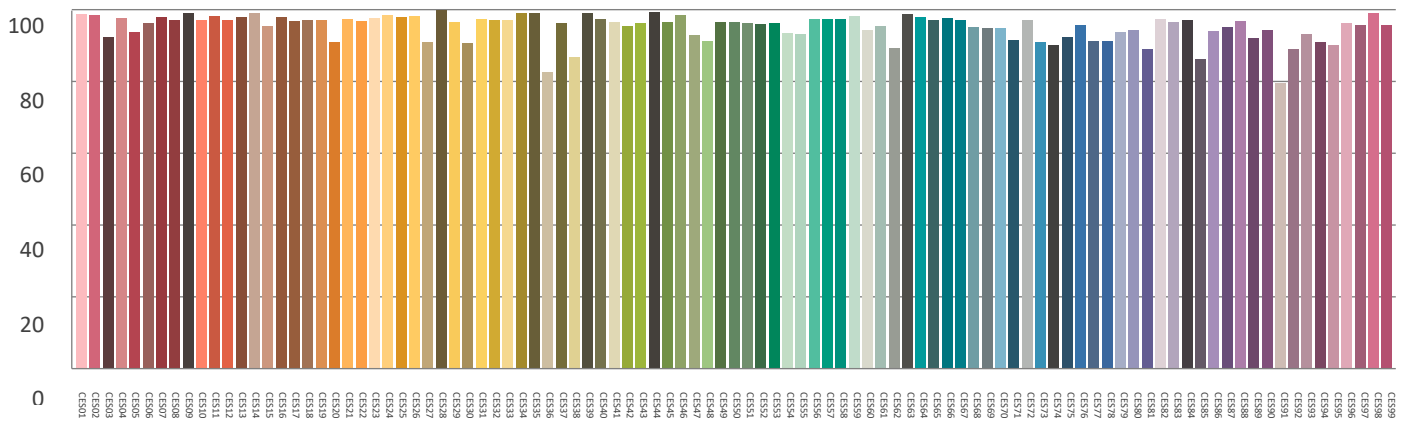
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



# RESOURCE – PHOTOMETRICS

3592-PRO-LED-SWH-24-3.0-IP20-30



Light Efficiency:



Output: 294 lm

Light Quality:



Peak: 101 cd

Power: 3.2 W

PF: 1.0

R9: 97.7

Duv: -0.0013

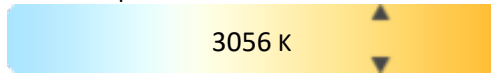
u': 0.249

v': 0.519

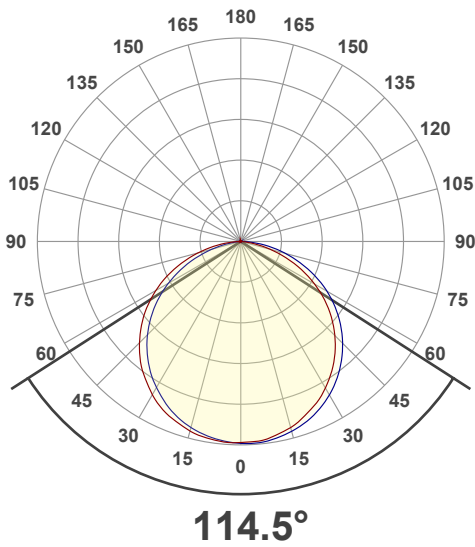
Rg 102.0  
Gamut index Rg

Rf 95.0  
Fidelity index Rf

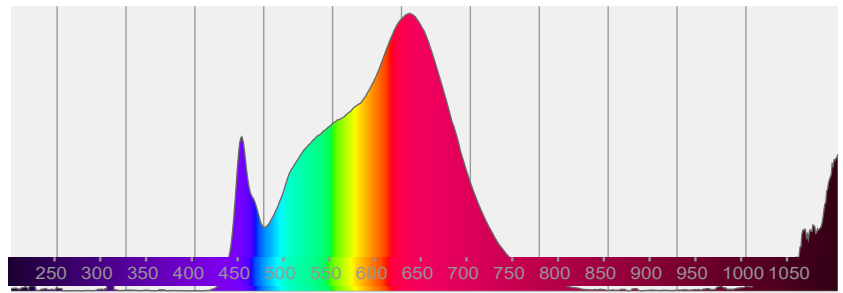
Color Temperature



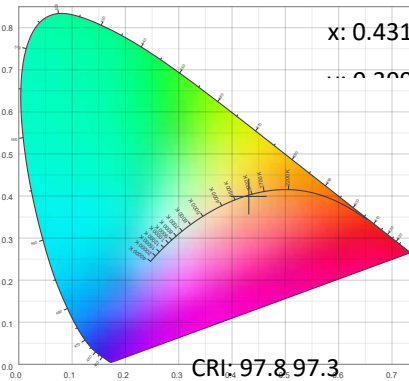
Beam Angle:



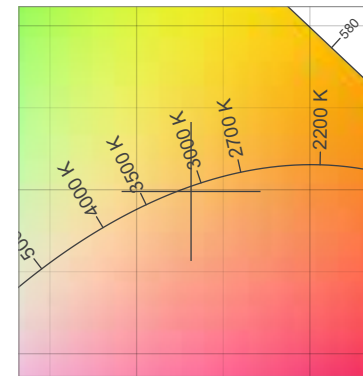
Spectra:



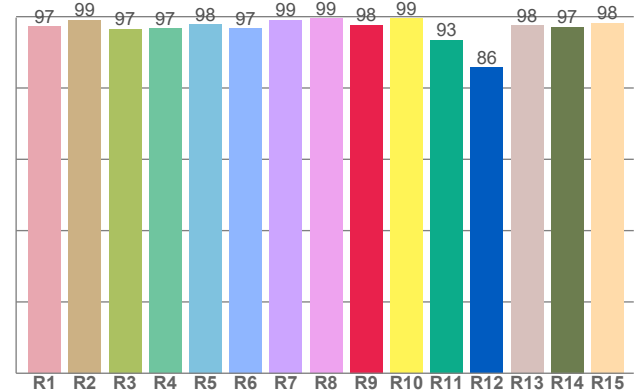
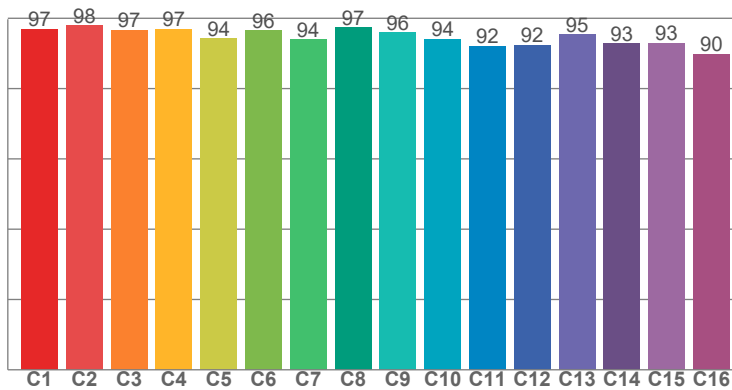
CIE 1931:



CIE 1931 Zoom:



TM30: 95.0



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# RESOURCE – PHOTOMETRICS

3592-PRO-LED-SWH-24-3.0-IP20-30

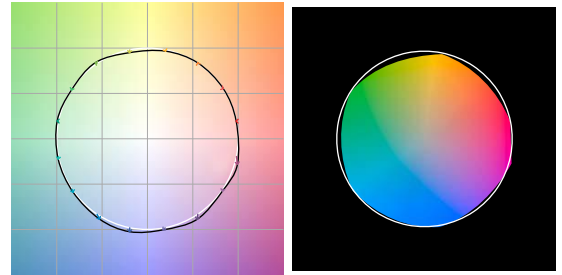


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	99.1	96.6	96.6	97.9	96.8	99.0	99.4	97.7	99.4	93.5	85.7	97.5	97.1	98.3

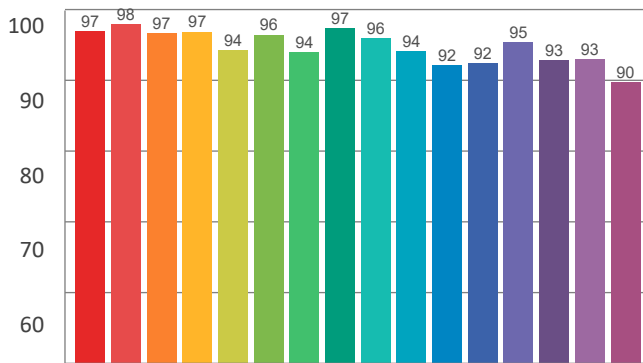
Color Vector



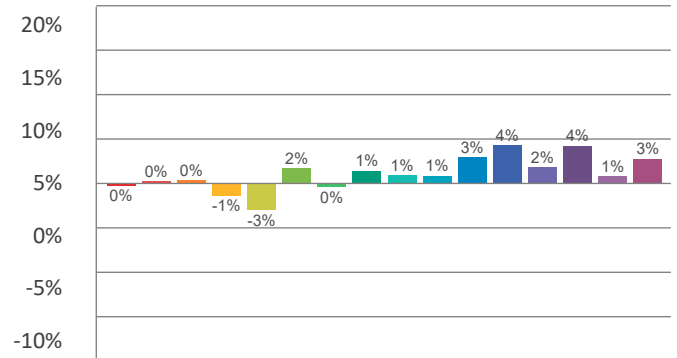
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.9	98.0	96.6	96.9	94.3	96.5	93.9	97.3	96.0	94.1	92.1	92.4	95.3	92.9	92.9	89.8

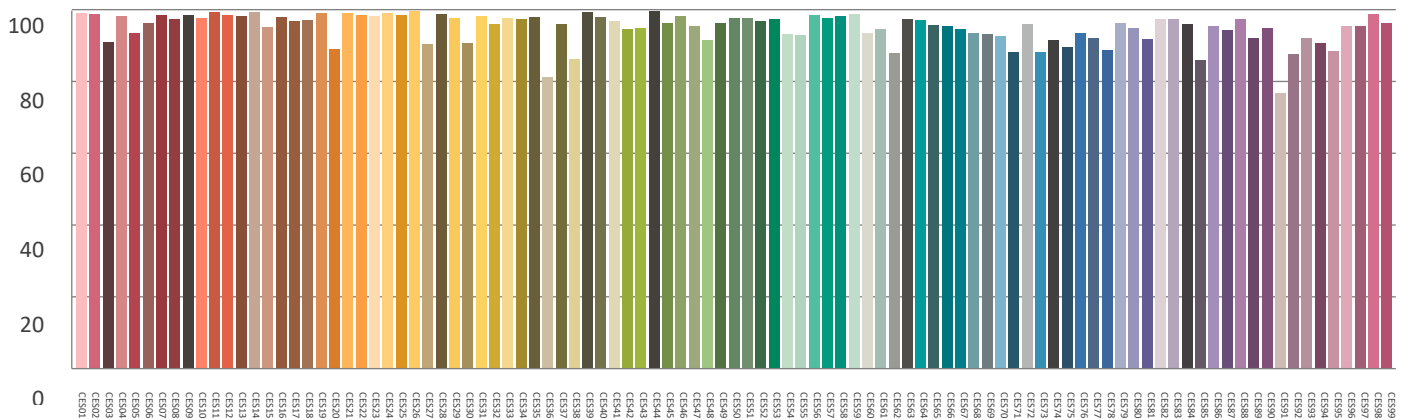
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



# RESOURCE – PHOTOMETRICS

3592-PRO-LED-SWH-24-3.0-IP20-35



Light Efficiency:



Output: 303 lm

Light Quality:



Peak: 104 cd

Power: 3.1 W

PF: 1.0

R9: 98.0

Duv: 0.0003

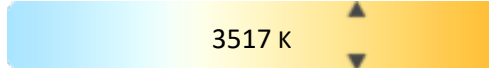
u': 0.235

v': 0.511

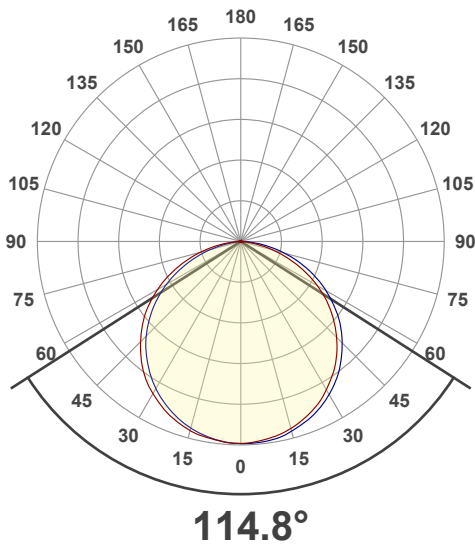
Rg 100.8  
Gamut index Rg

Rf 94.4  
Fidelity index Rf

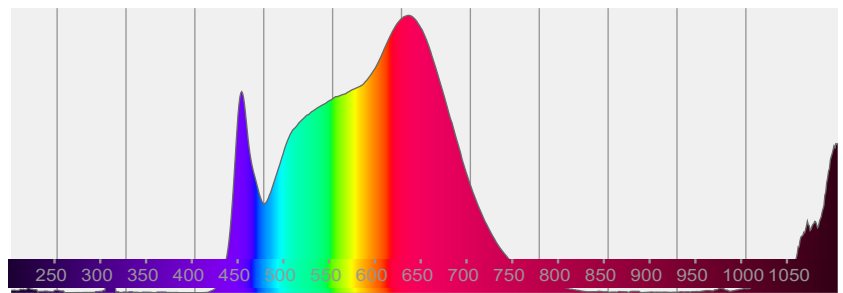
Color Temperature



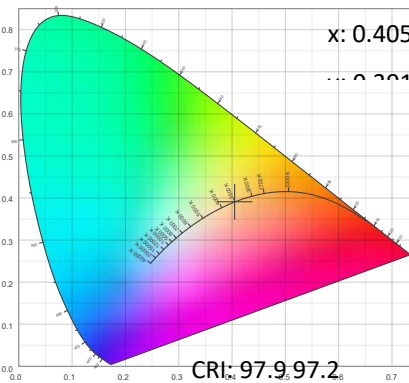
Beam Angle:



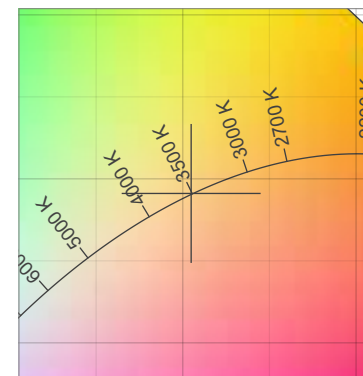
Spectra:



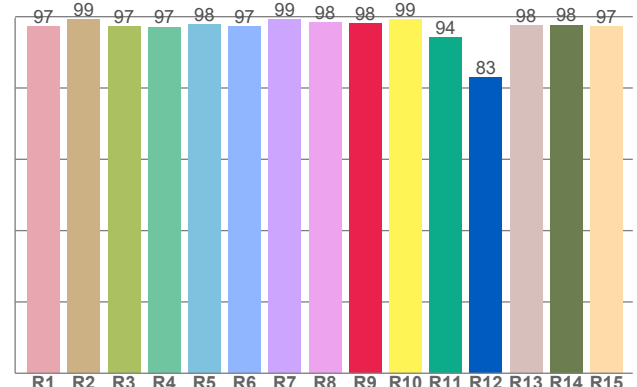
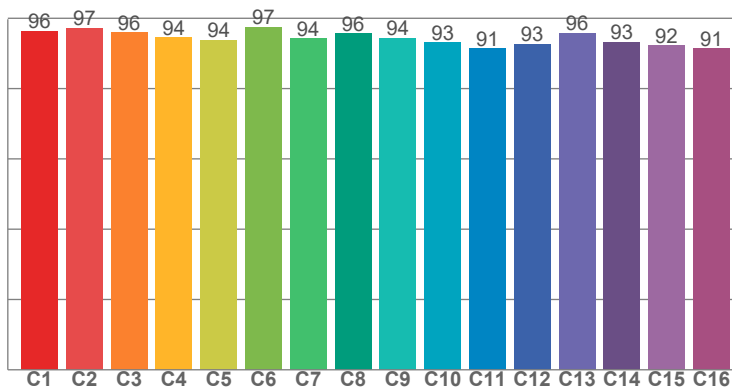
CIE 1931:



CIE 1931 Zoom:



TM30: 94.4



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# RESOURCE – PHOTOMETRICS

3592-PRO-LED-SWH-24-3.0-IP20-35

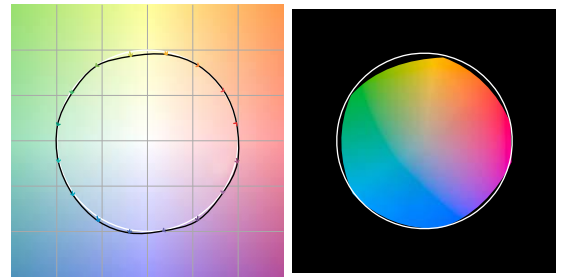


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.2	99.2	97.3	97.1	97.9	97.2	99.1	98.3	98.0	99.2	94.1	83.0	97.5	97.7	97.3

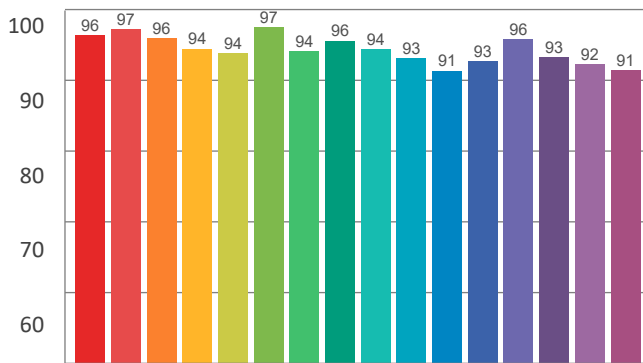
Color Vector



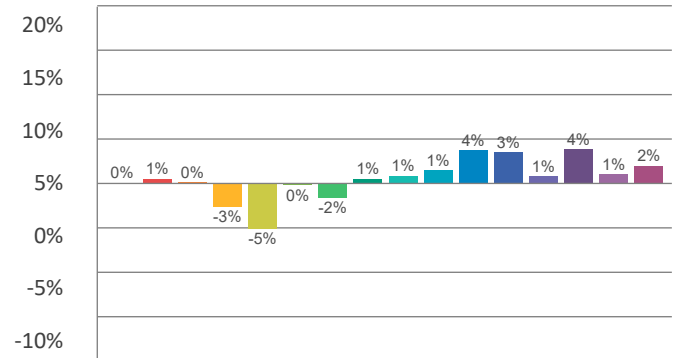
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.4	97.3	96.0	94.5	93.8	97.5	94.2	95.6	94.4	93.1	91.3	92.7	95.8	93.3	92.3	91.4

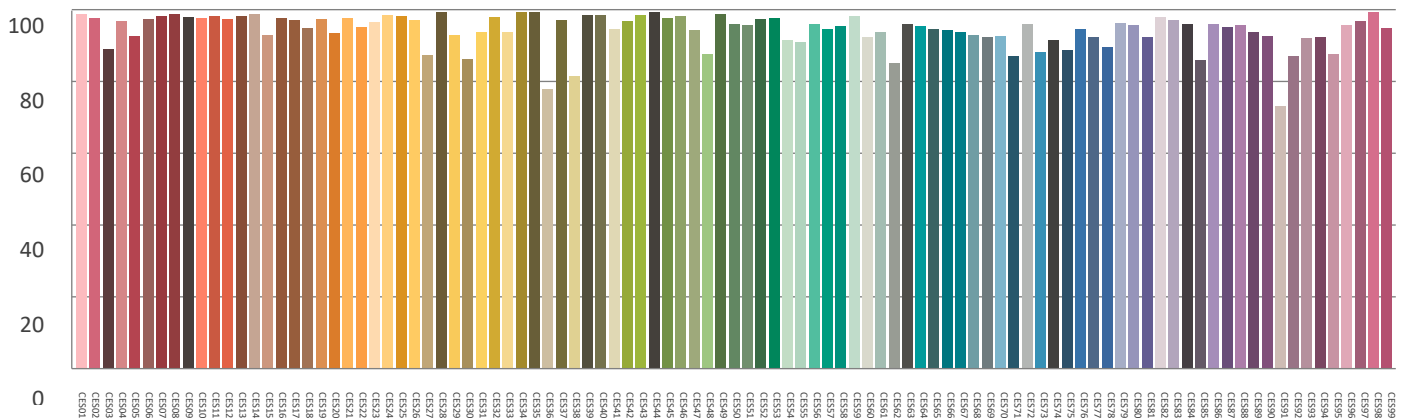
Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample



# RESOURCE – PHOTOMETRICS

PRO-LED-SWH-24-3.0-IP20-40



Light Efficiency:



Output: 313 lm

Light Quality:



Peak: 107 cd

Power: 3.1 W

PF: 1.0

R9: 95.2

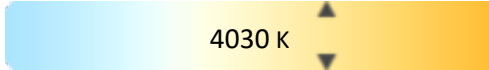
Duv: -0.0013

u': 0.225

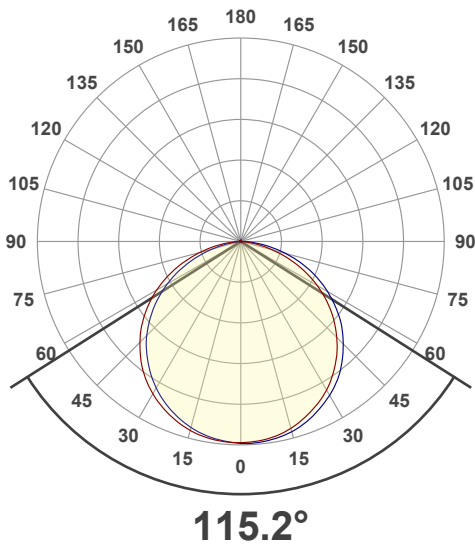
v': 0.499



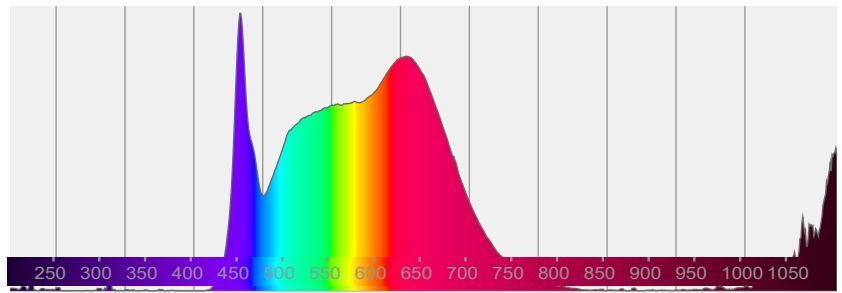
Color Temperature



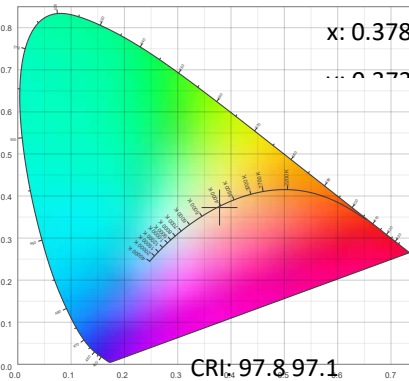
Beam Angle:



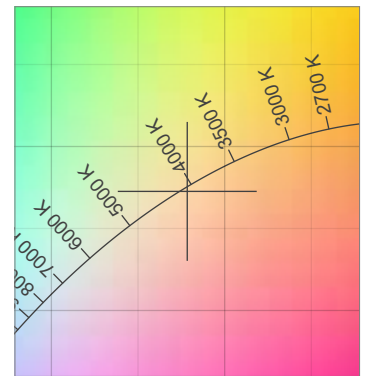
Spectra:



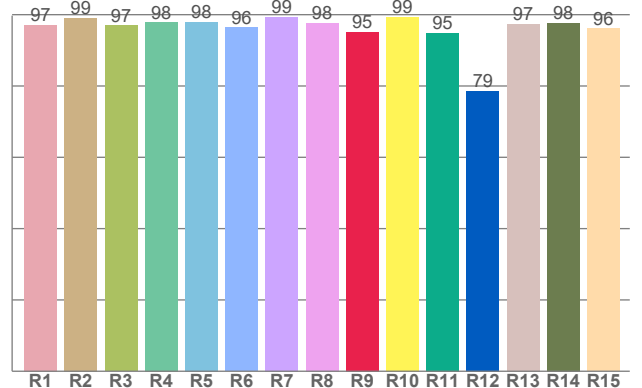
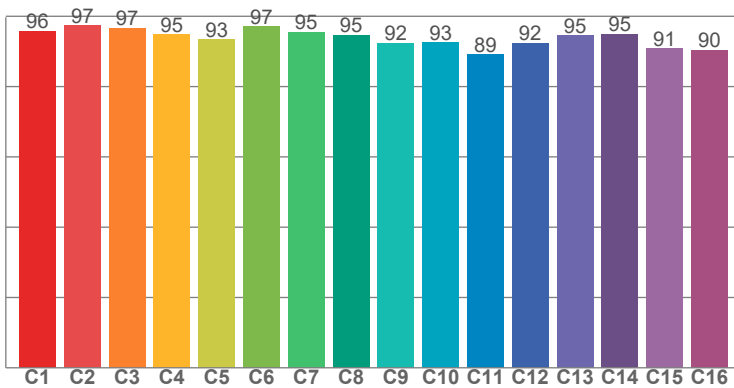
CIE 1931:



CIE 1931 Zoom:



TM30: 93.8



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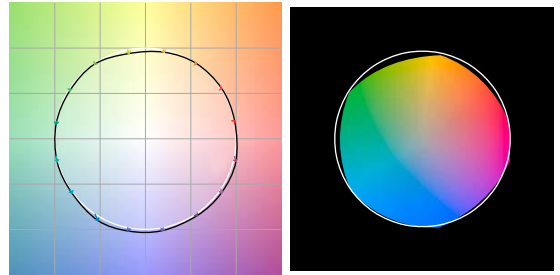


CRI R values, only R1-R8 are used to calculate final CRI value

Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.1	99.1	97.0	97.9	97.9	96.5	99.3	97.7	95.2	99.3	94.9	78.7	97.4	97.7	96.1

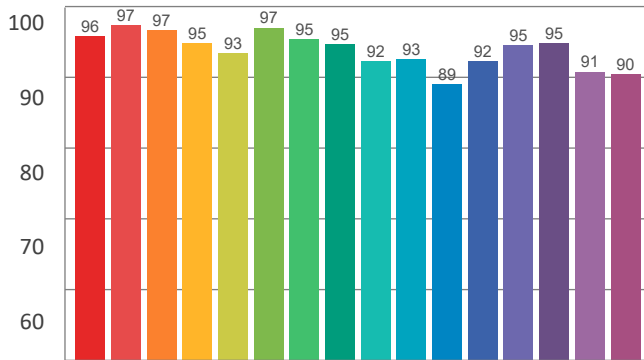
Color Vector



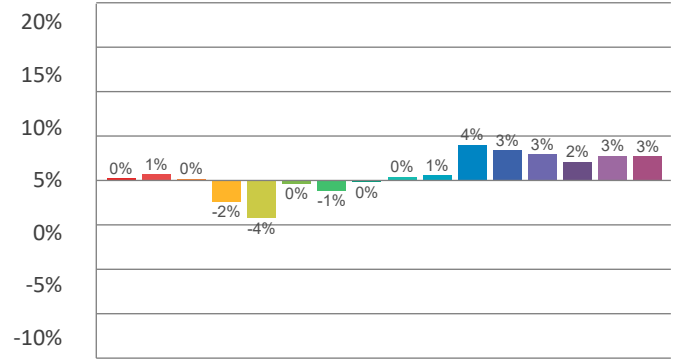
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.9	97.4	96.6	94.8	93.4	97.0	95.4	94.7	92.3	92.5	89.1	92.3	94.6	94.9	90.8	90.4

Rf by Hue



Chroma Shift by Hue



Color Evaluation Sample

