

# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_22k



## Light Efficiency:



Output: 525 lm

## Light Quality:

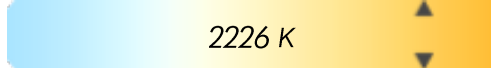


Peak: 190 cd

Power: 7.0 W

PF: 1.0

## Color Temperature



R9: 91.3

Duv: -0.0003

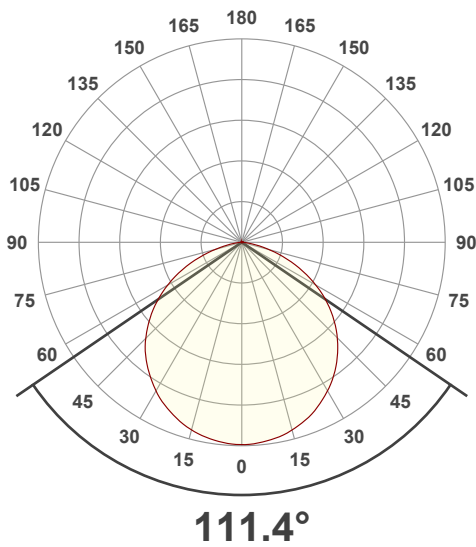
u': 0.289

v': 0.535

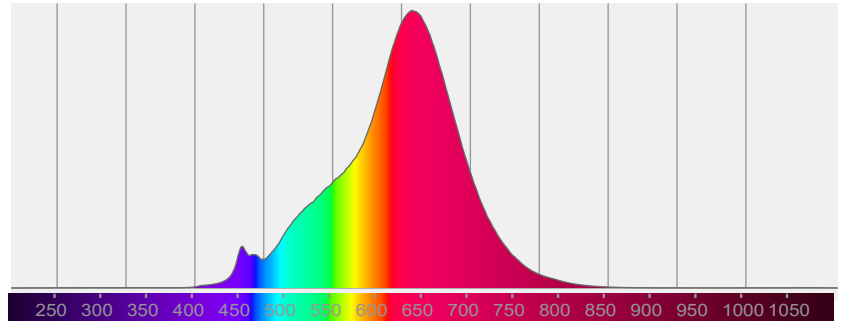
Rg 100.7  
Gamut index Rg

Rf 94.4  
Fidelity index Rf

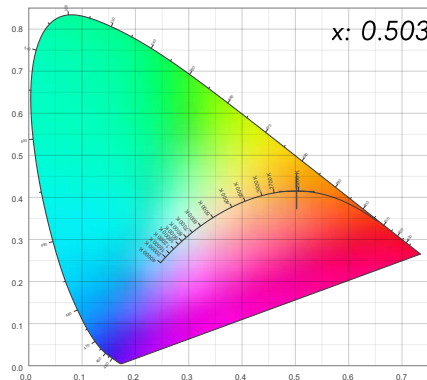
## Beam Angle:



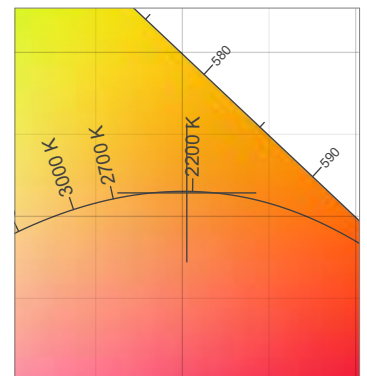
## Spectra:



## CIE 1931:

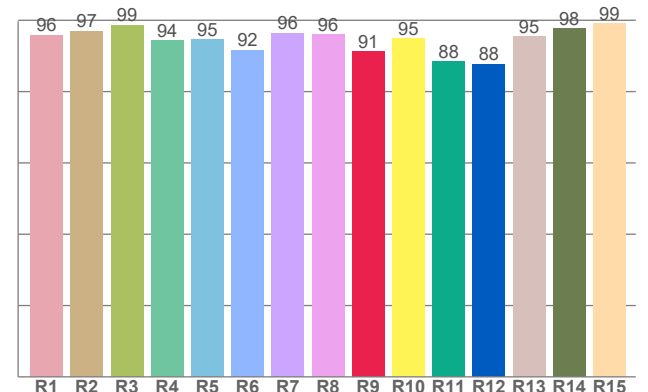
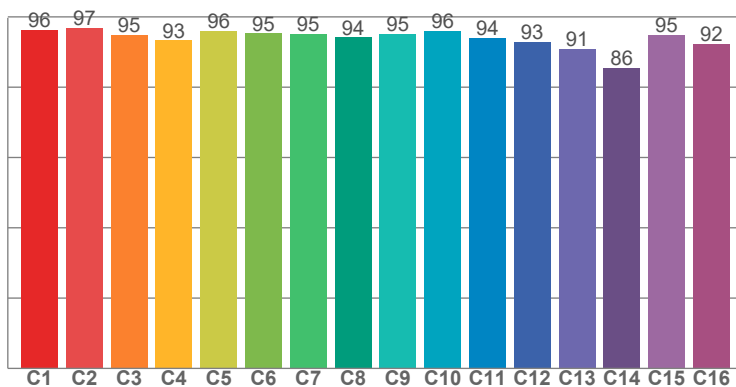


## CIE 1931 Zoom:



TM30: 94.4

CRI: 95.6 95.9



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# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_22k



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

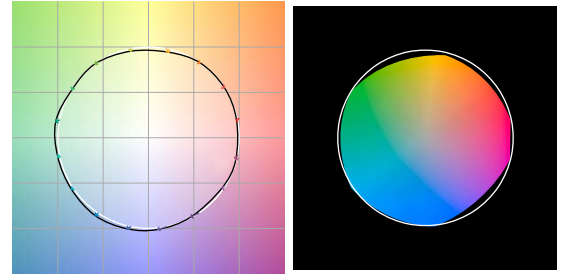
## Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.9	97.0	98.7	94.3	94.7	91.7	96.5	96.0	91.3	94.9	88.4	87.7	95.4	97.7	99.1

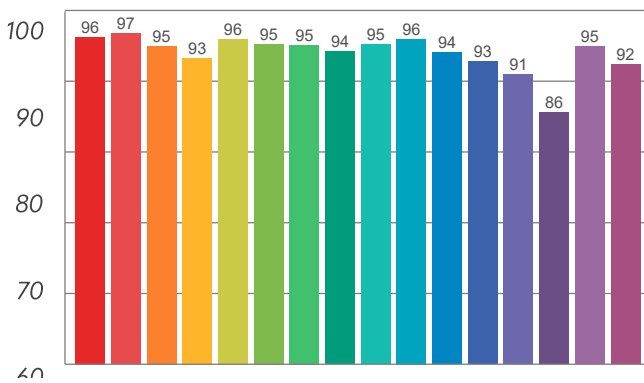
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.2	96.7	94.9	93.3	96.0	95.3	95.1	94.2	95.2	96.0	94.1	92.8	90.9	85.6	94.9	92.4

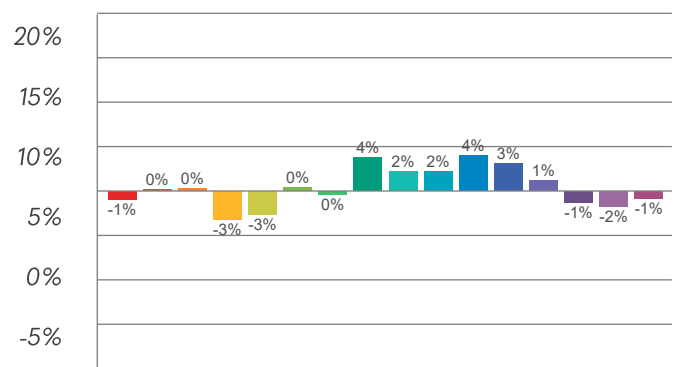
## Color Vector



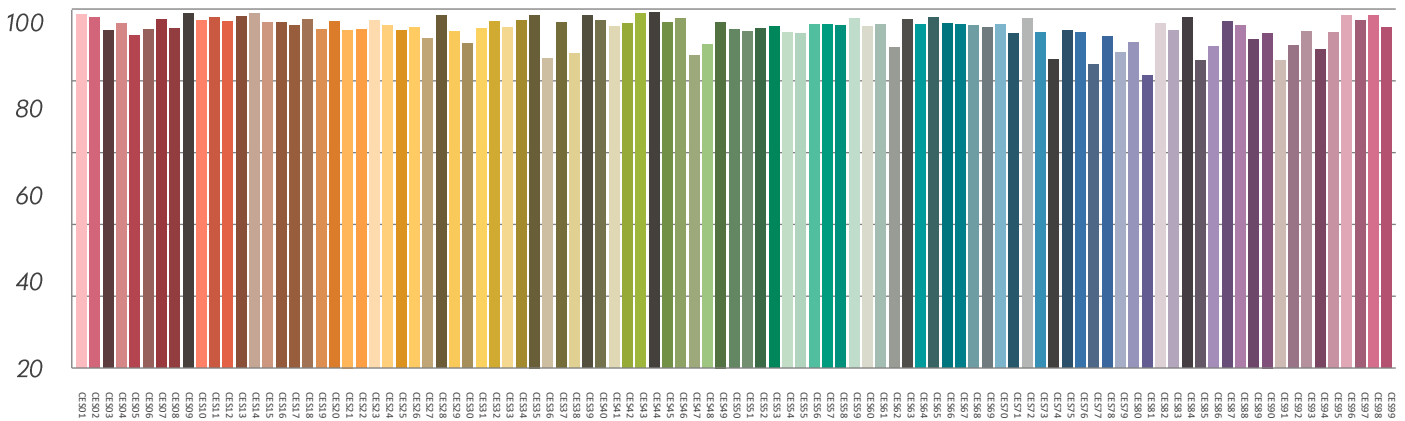
## Rf by Hue



## Chroma Shift by Hue



## Color Evaluation Sample



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_25k



## Light Efficiency:



Output: 699 lm

## Light Quality:

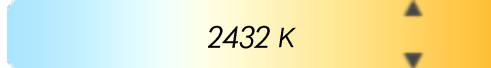


Peak: 250 cd

Power: 6.9 W

PF: 1.0

## Color Temperature



R9: 91.1

Duv: -0.0009

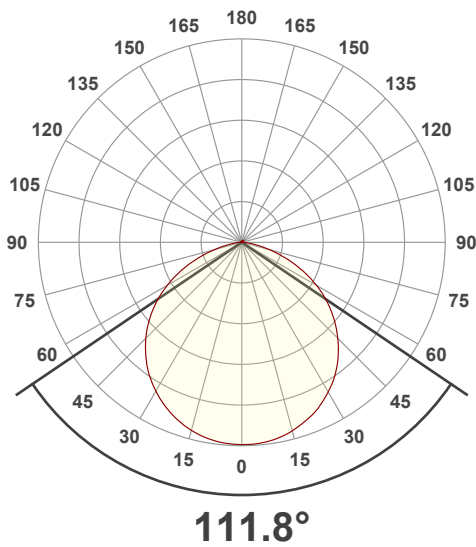
u': 0.276

v': 0.531

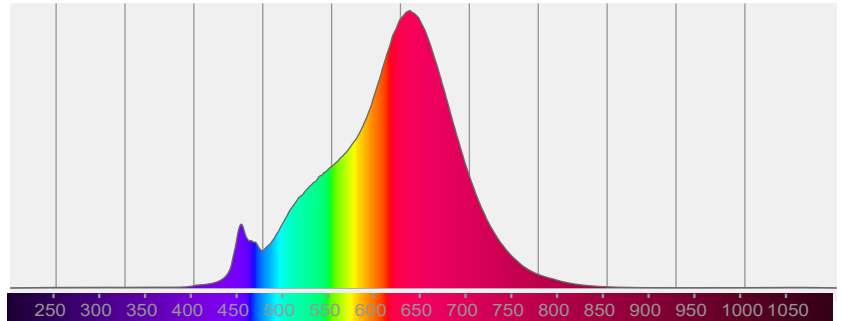
Rg 101.4  
Gamut index Rg

Rf 95.2  
Fidelity index Rf

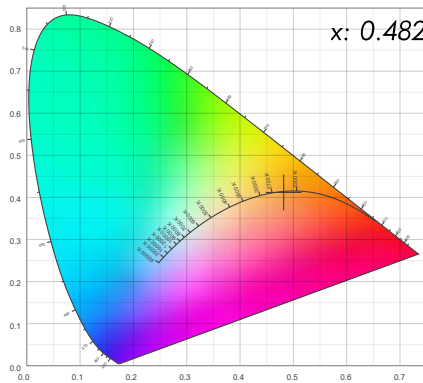
## Beam Angle:



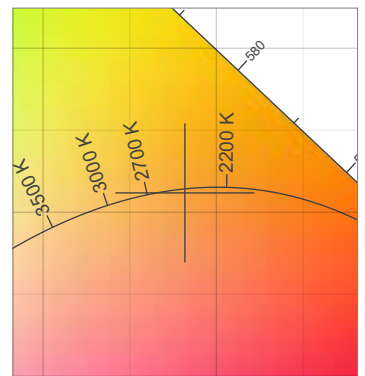
## Spectra:



## CIE 1931:

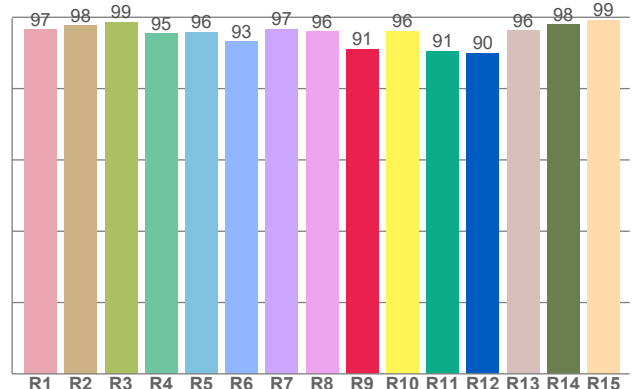
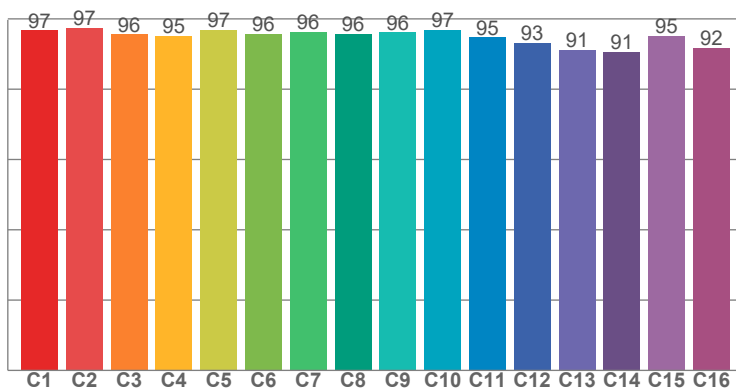


## CIE 1931 Zoom:



TM30: 95.2

CRI: 96.3 96.6



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# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_25k



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

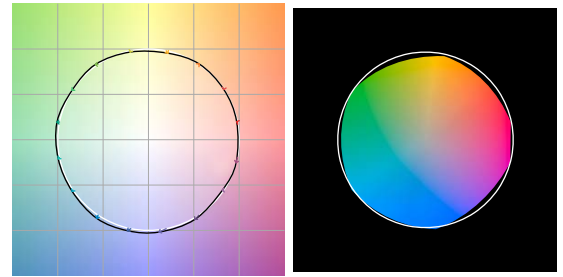
## Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.6	97.6	98.7	95.5	95.9	93.3	96.7	96.0	91.1	96.2	90.5	90.0	96.2	97.9	99.2

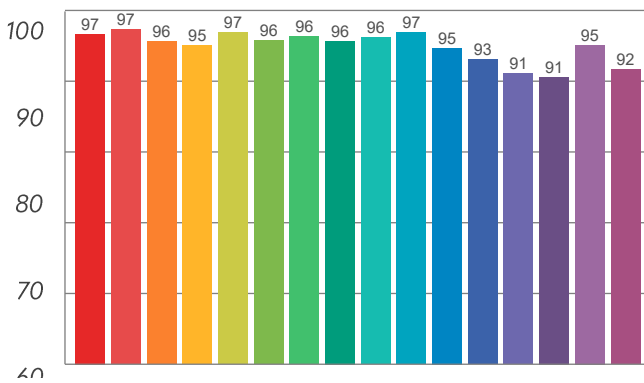
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.7	97.3	95.6	95.1	96.9	95.8	96.3	95.7	96.2	96.9	94.7	93.1	91.1	90.6	95.1	91.6

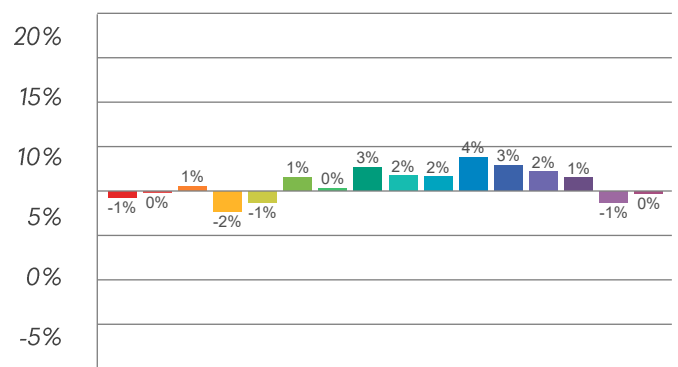
## Color Vector



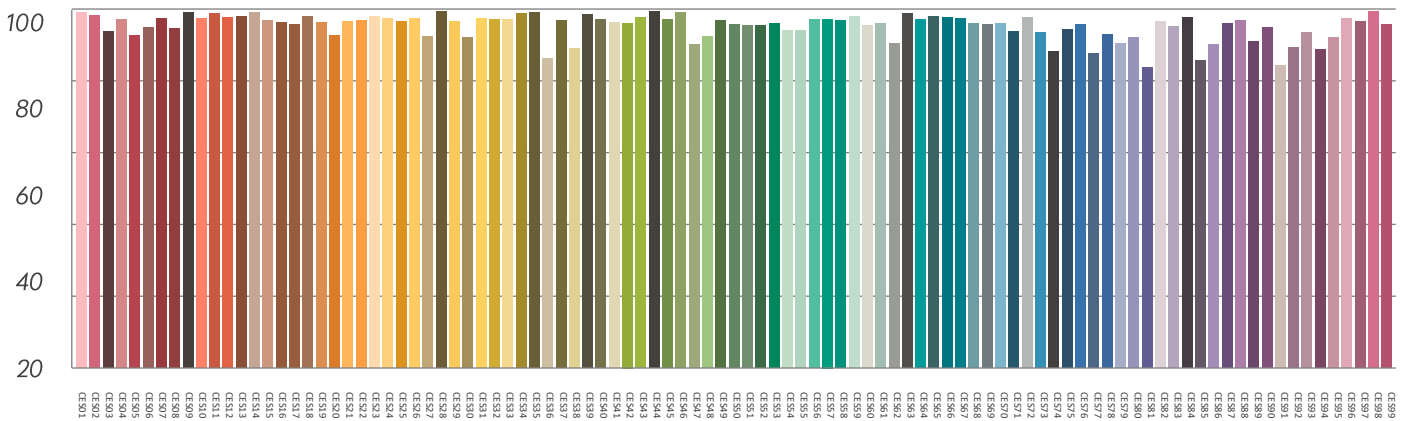
## Rf by Hue



## Chroma Shift by Hue



## Color Evaluation Sample



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_27k



Light Efficiency:



Output: 732 lm

Light Quality:



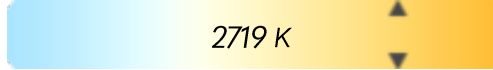
Peak: 264 cd

Power: 6.8 W

PF: 1.0

R<sub>g</sub> 101.1  
Gamut index R<sub>g</sub>

Color Temperature



R<sub>9</sub>: 93.9

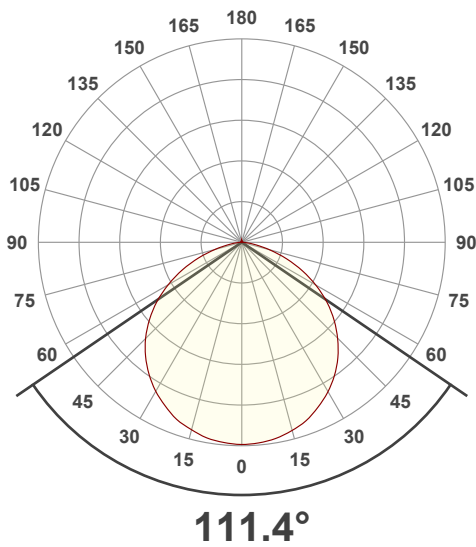
Duv: -0.0002

R<sub>f</sub> 95.5  
Fidelity index R<sub>f</sub>

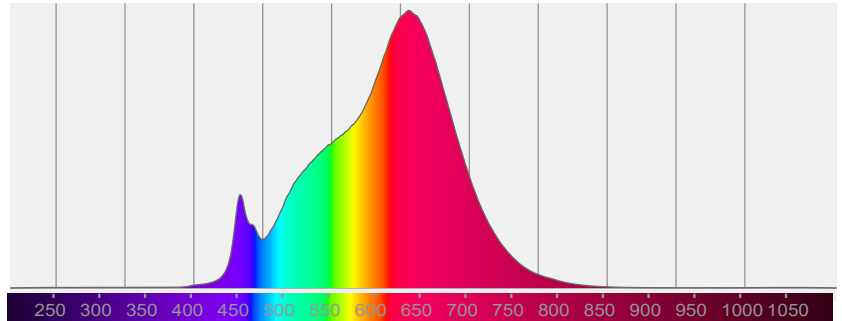
u': 0.262

v': 0.527

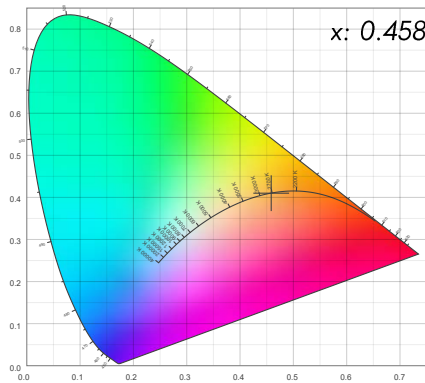
Beam Angle:



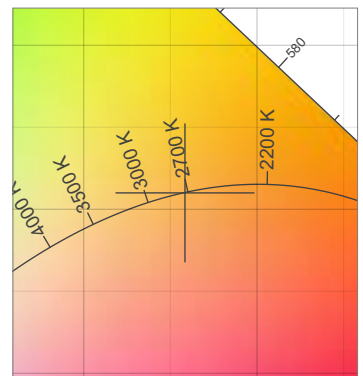
Spectra:



CIE 1931:

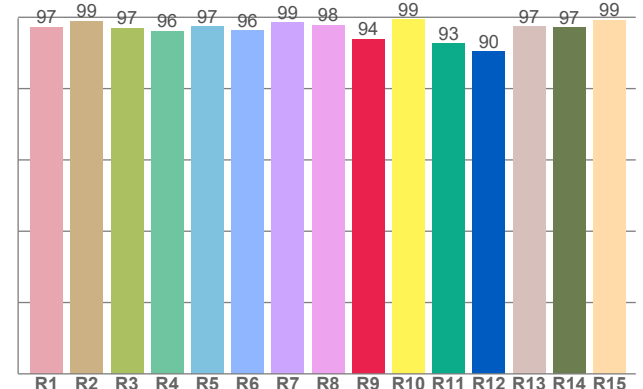
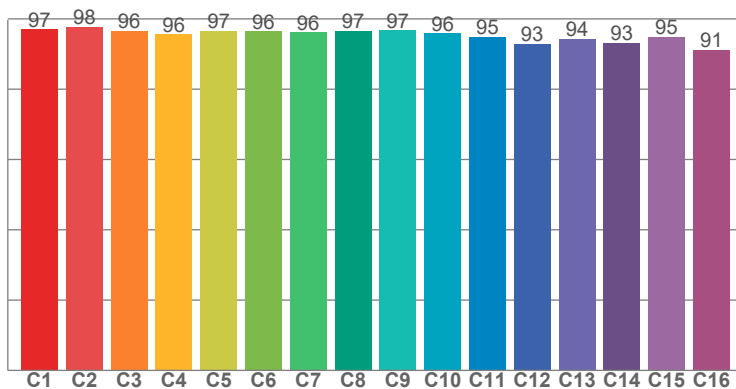


CIE 1931 Zoom:



TM30: 95.5

CRI: 97.5 97.3



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# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_27k



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

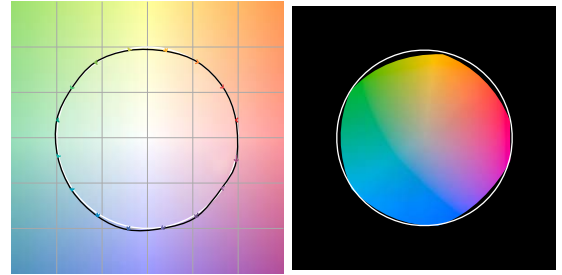
## Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	99.0	97.0	96.2	97.4	96.3	98.5	97.9	93.9	99.4	92.6	90.4	97.4	97.1	99.2

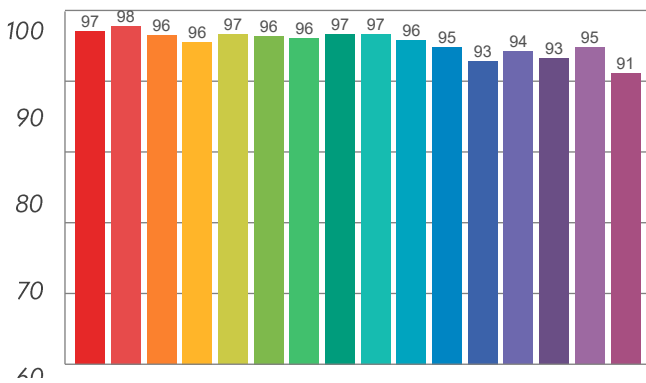
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.0	97.8	96.5	95.6	96.6	96.4	96.1	96.7	96.7	95.8	94.8	92.8	94.2	93.2	94.8	91.1

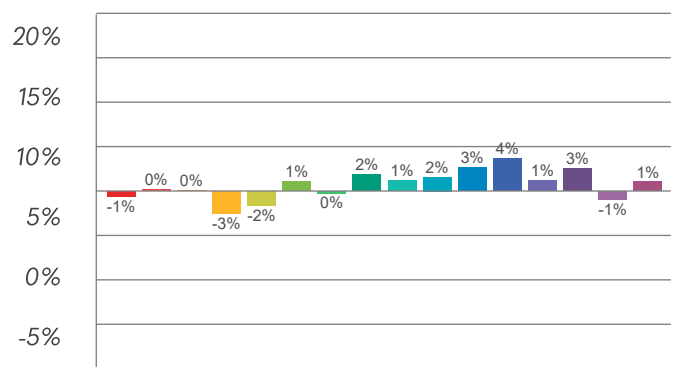
## Color Vector



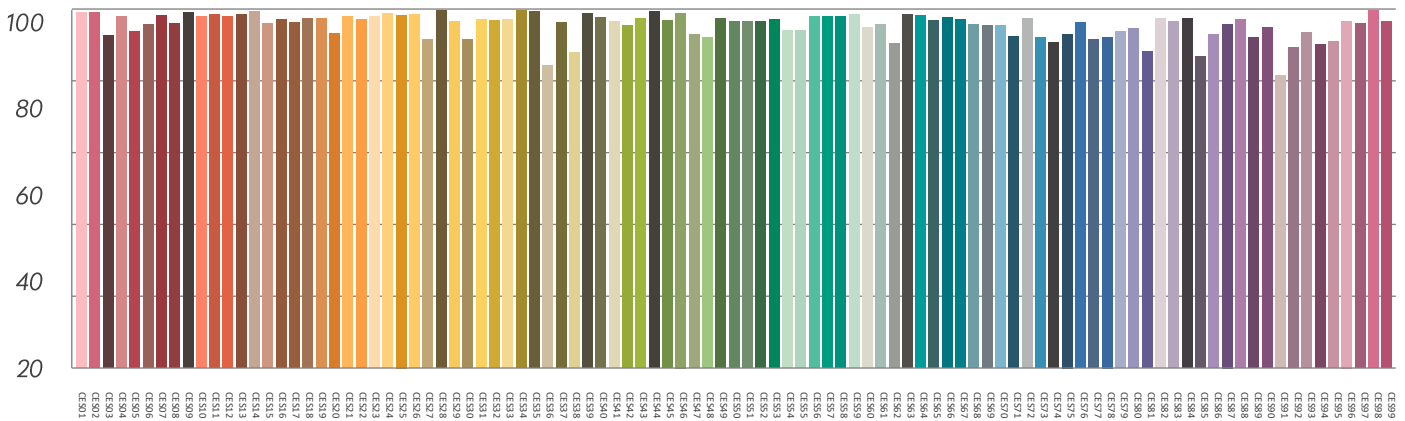
## Rf by Hue



## Chroma Shift by Hue



## Color Evaluation Sample



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_30k



**Light Efficiency:**



Output: 760 lm

**Light Quality:**



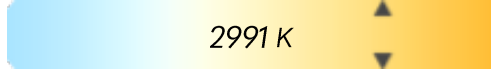
Peak: 275 cd

Power: 6.8 W

PF: 1.0

Rg 101.7  
Gamut index Rg

**Color Temperature**



R9: 96.0

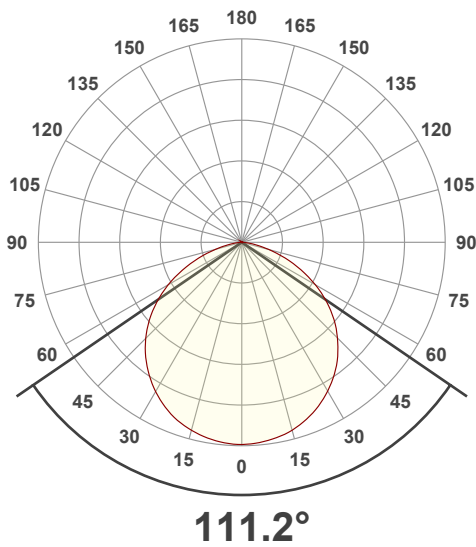
Duv: -0.0009

u': 0.251

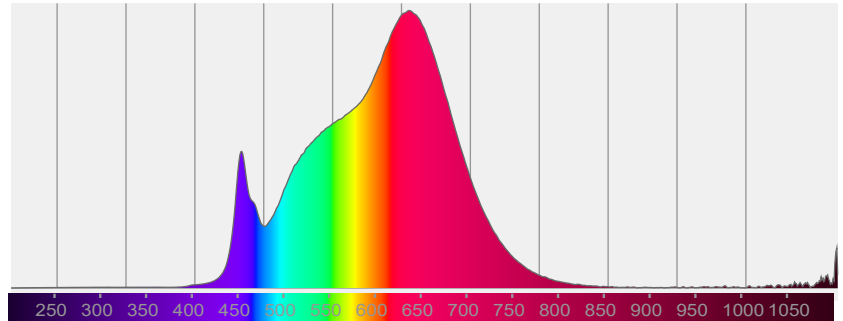
v': 0.520

Rf 95.4  
Fidelity index Rf

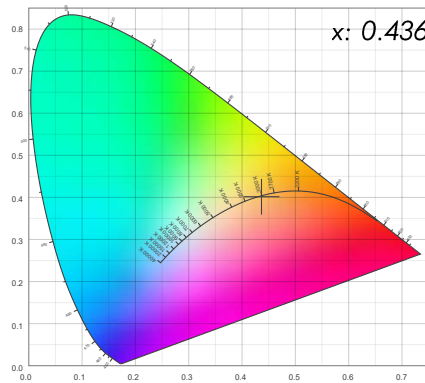
**Beam Angle:**



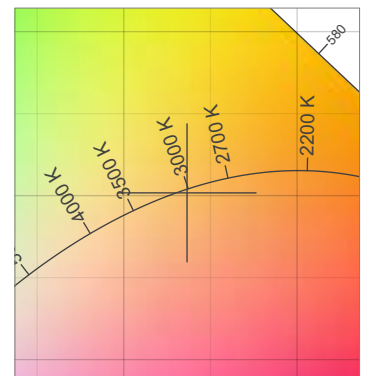
**Spectra:**



**CIE 1931:**

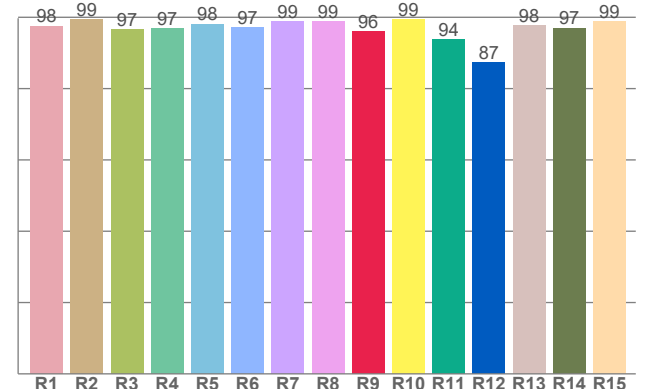
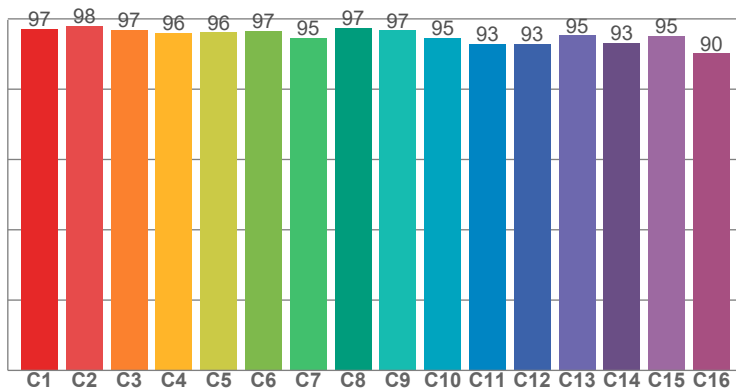


**CIE 1931 Zoom:**



TM30: 95.4

CRI: 97.9 97.6



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# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_30k

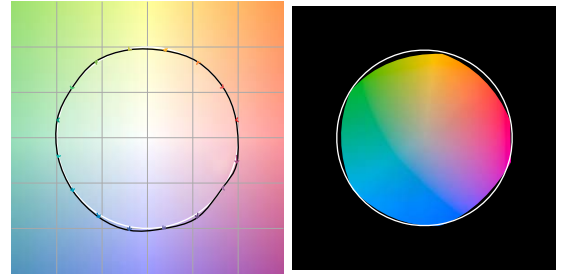


CRI R values, only R1-R8 are used to calculate final CRI value

## Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.6	99.3	96.5	96.8	98.1	97.1	98.9	98.8	96.0	99.4	93.7	87.4	97.8	97.0	98.9

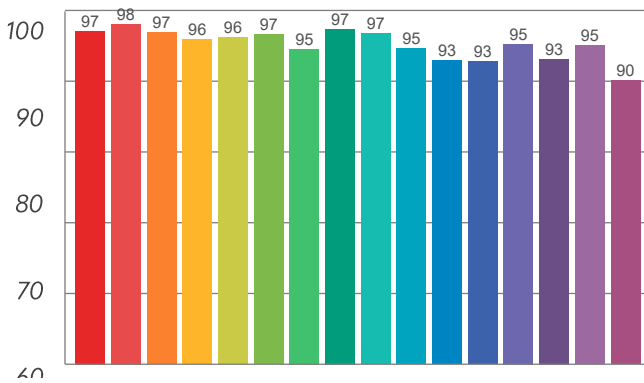
## Color Vector



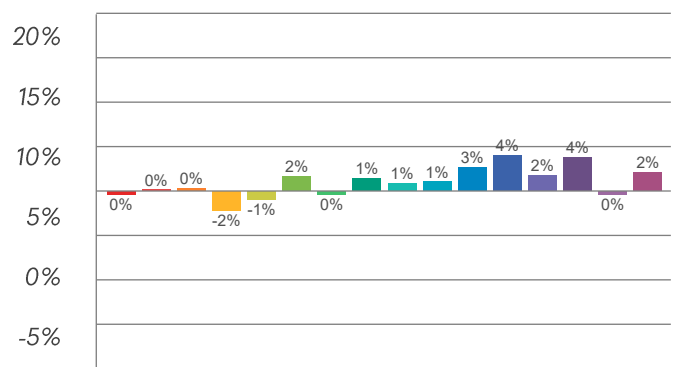
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.1	98.1	96.8	95.9	96.2	96.6	94.6	97.4	96.7	94.7	93.0	92.8	95.2	93.1	95.1	90.1

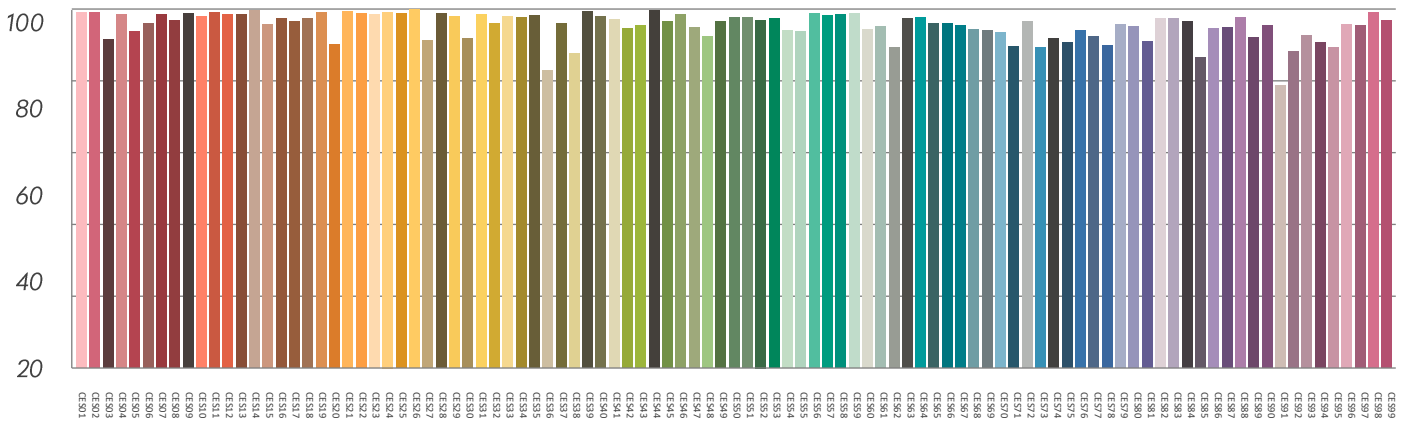
## Rf by Hue



## Chroma Shift by Hue



## Color Evaluation Sample





# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_35k



**Light Efficiency:**



Output: 791 lm

**Light Quality:**



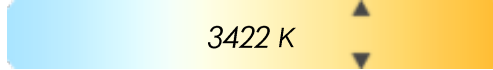
Peak: 282 cd

Power: 6.8 W

PF: 1.0

Rg 100.7  
Gamut index Rg

**Color Temperature**



R9: 98.8

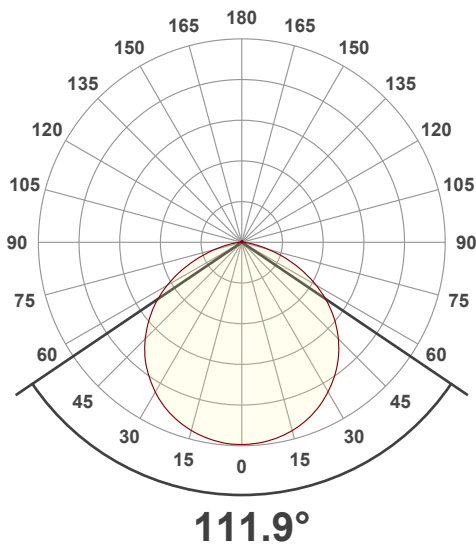
Duv: 0.0010

u': 0.237

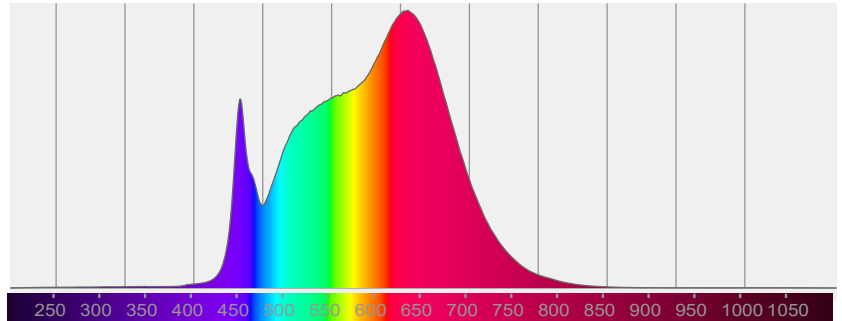
v': 0.514

Rf 94.7  
Fidelity index Rf

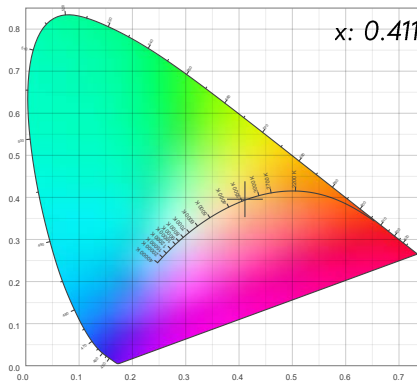
**Beam Angle:**



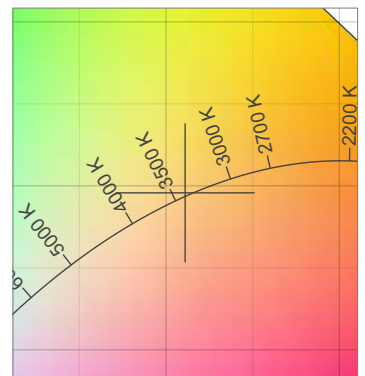
**Spectra:**



**CIE 1931:**

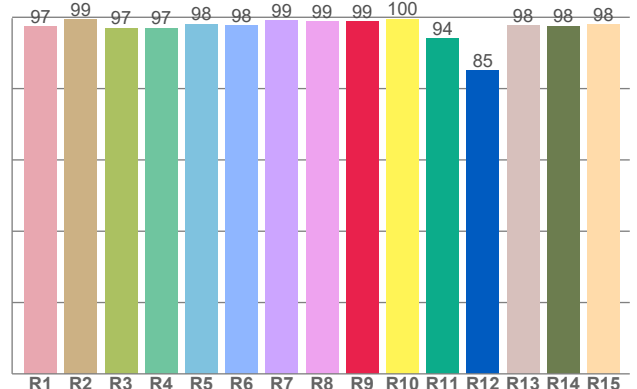
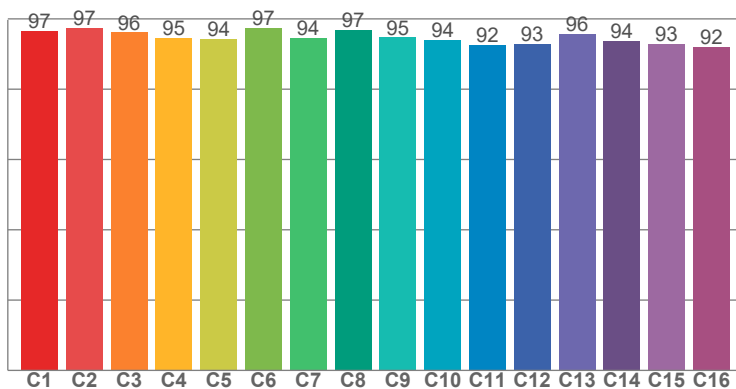


**CIE 1931 Zoom:**



TM30: 94.7

CRI: 98.1 97.5



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# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_35k

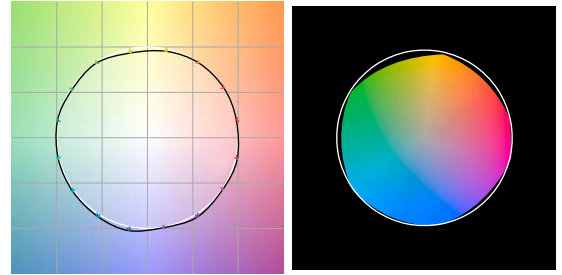


CRI R values, only R1-R8 are used to calculate final CRI value

## Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	99.5	97.0	97.0	98.2	97.7	99.2	98.8	98.8	99.5	94.1	85.0	97.8	97.5	98.0

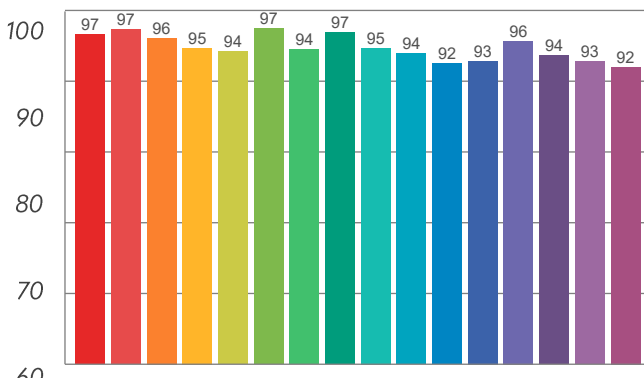
## Color Vector



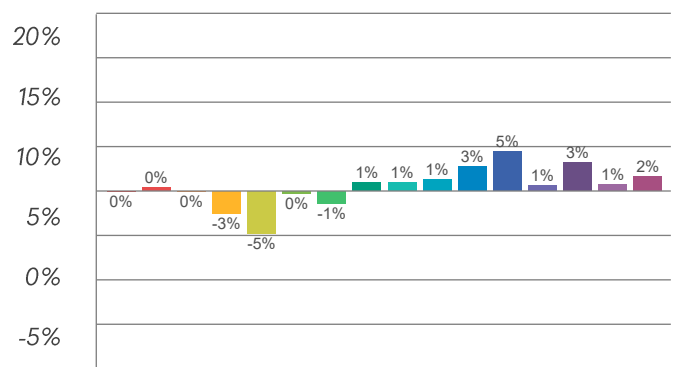
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.6	97.3	96.1	94.7	94.2	97.4	94.5	96.9	94.7	93.9	92.5	92.9	95.7	93.6	92.8	92.0

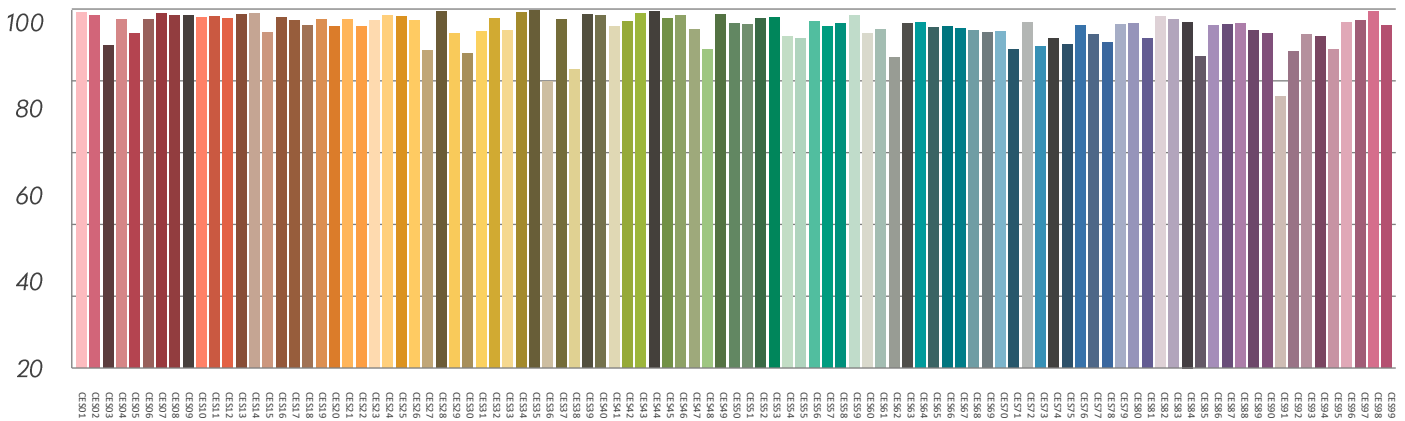
## Rf by Hue



## Chroma Shift by Hue



## Color Evaluation Sample



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_41k



## Light Efficiency:

121 Lumen/Watt

Output: 837 lm

## Light Quality:

CRI: 98.3

Peak: 297 cd

Power: 6.9 W

PF: 1.0

R9: 98.4

Duv: -0.0003

u': 0.227

v': 0.503

Rg 101.2

Gamut index Rg

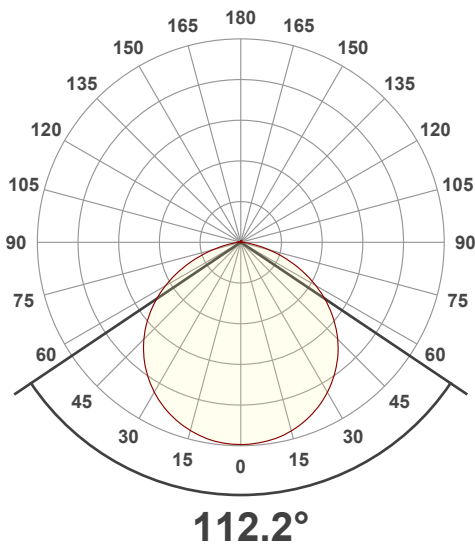
Rf 94.4

Fidelity index Rf

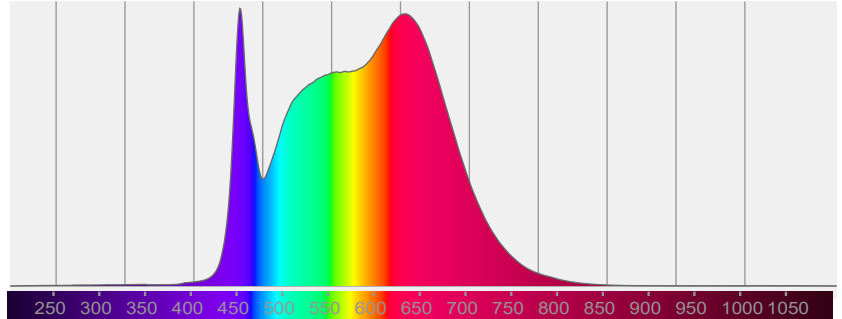
## Color Temperature

3919 K

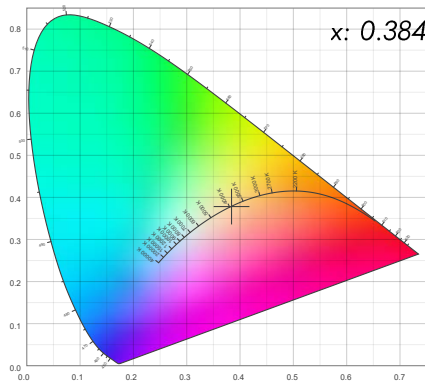
## Beam Angle:



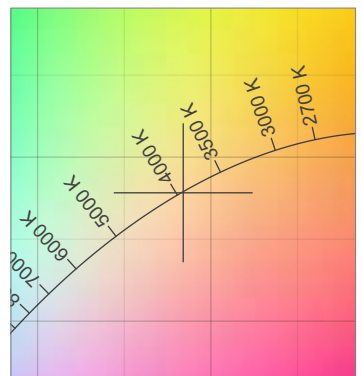
## Spectra:



## CIE 1931:

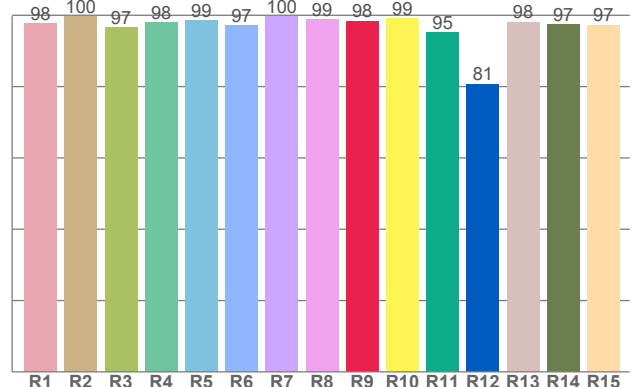
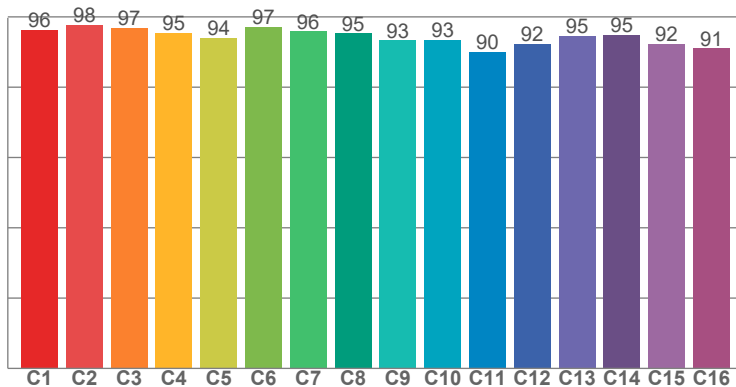


## CIE 1931 Zoom:



TM30: 94.4

CRI: 98.3 97.8



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DMP\_41k



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

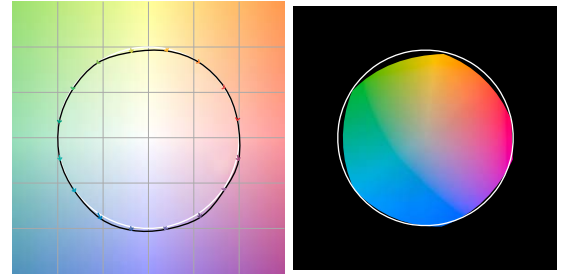
## Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.7	96.6	97.9	98.6	97.1	99.6	98.7	98.4	99.1	95.1	80.7	98.1	97.5	97.3

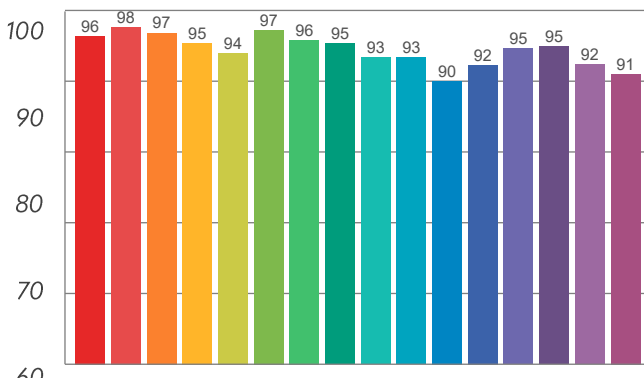
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.4	97.7	96.8	95.4	94.0	97.2	95.8	95.3	93.3	93.4	90.0	92.3	94.6	94.9	92.4	91.0

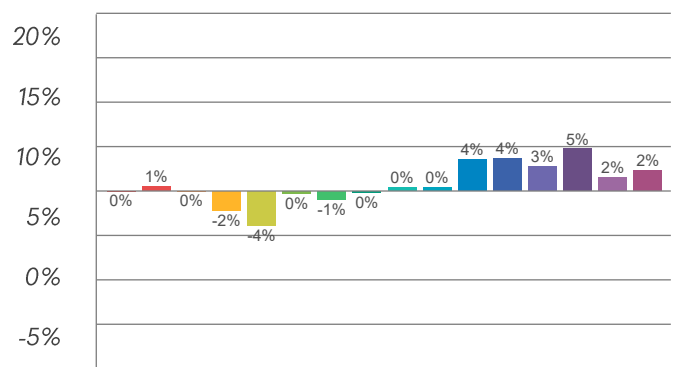
## Color Vector



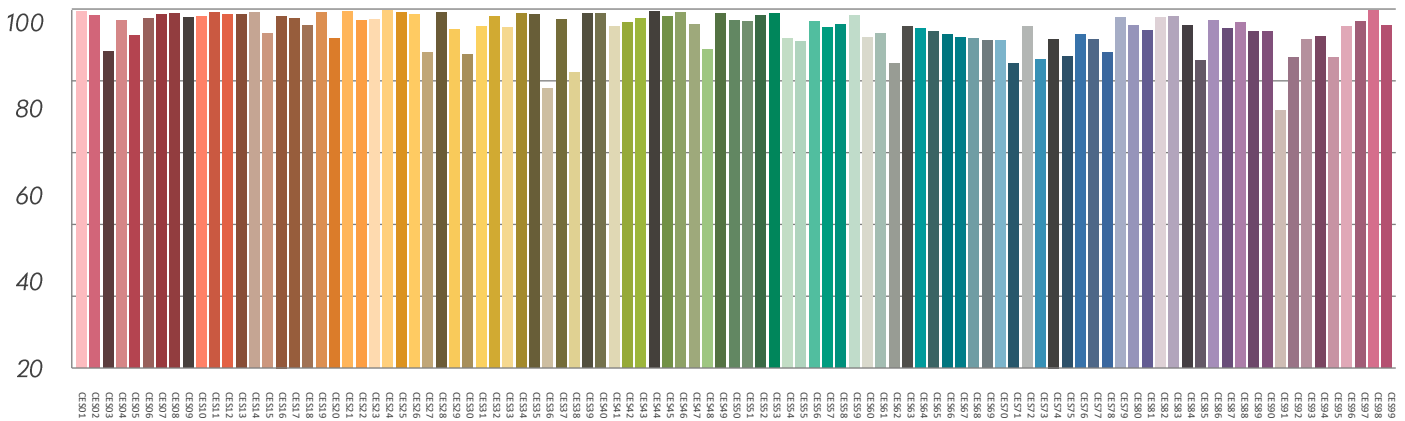
## Rf by Hue



## Chroma Shift by Hue



## Color Evaluation Sample



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DRY\_22k



## Light Efficiency:



Output: 566 lm

## Light Quality:



Peak: 193 cd

Power: 7.0 W

PF: 1.0

R9: 93.2

Duv: 0.0002

u': 0.286

v': 0.535

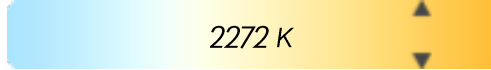
Rg 100.5

Gamut index Rg

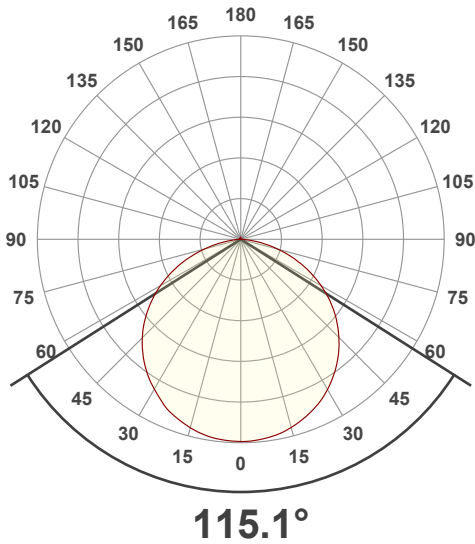
Rf 94.5

Fidelity index Rf

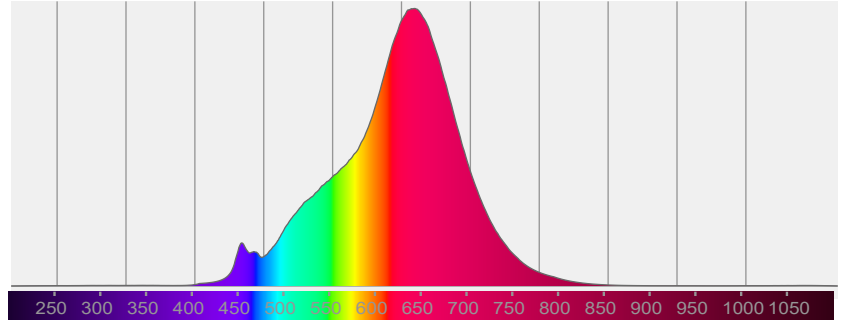
## Color Temperature



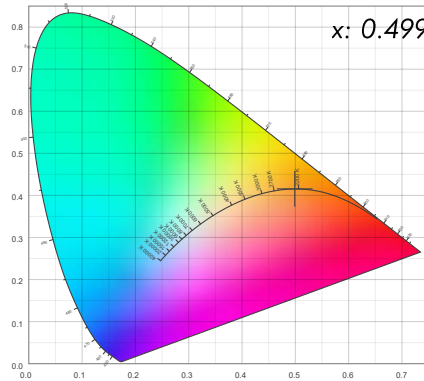
## Beam Angle:



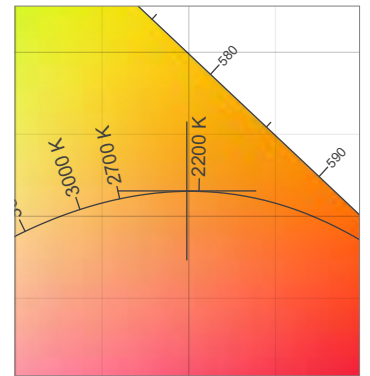
## Spectra:



## CIE 1931:

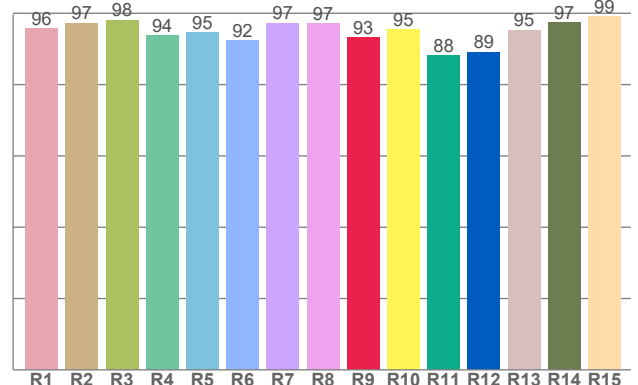
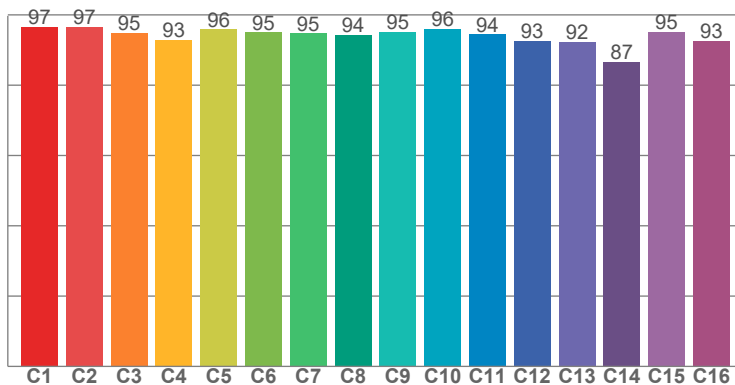


## CIE 1931 Zoom:



TM30: 94.5

CRI: 95.8 95.6



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DRY\_22k



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

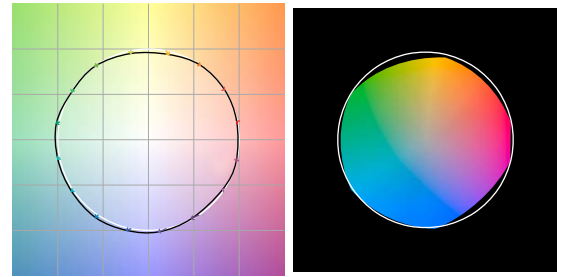
## Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.6	97.2	98.1	93.8	94.6	92.3	97.3	97.2	93.2	95.4	88.1	89.2	95.3	97.4	99.2

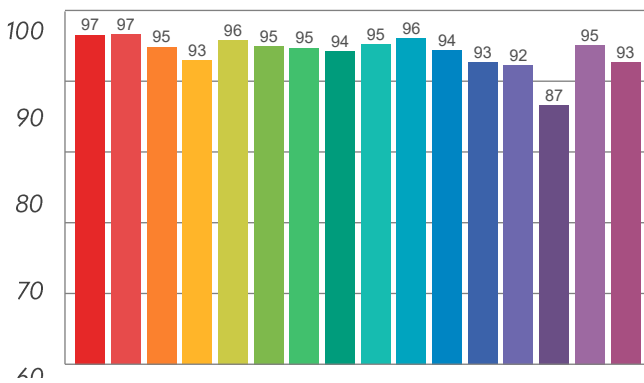
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.6	96.6	94.9	92.9	95.8	95.0	94.7	94.3	95.2	96.1	94.4	92.6	92.3	86.6	95.1	92.7

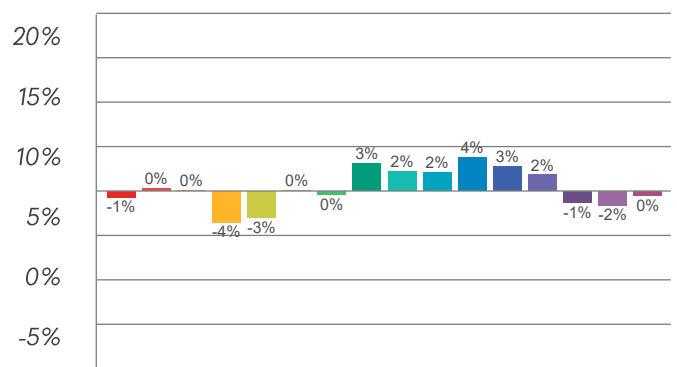
## Color Vector



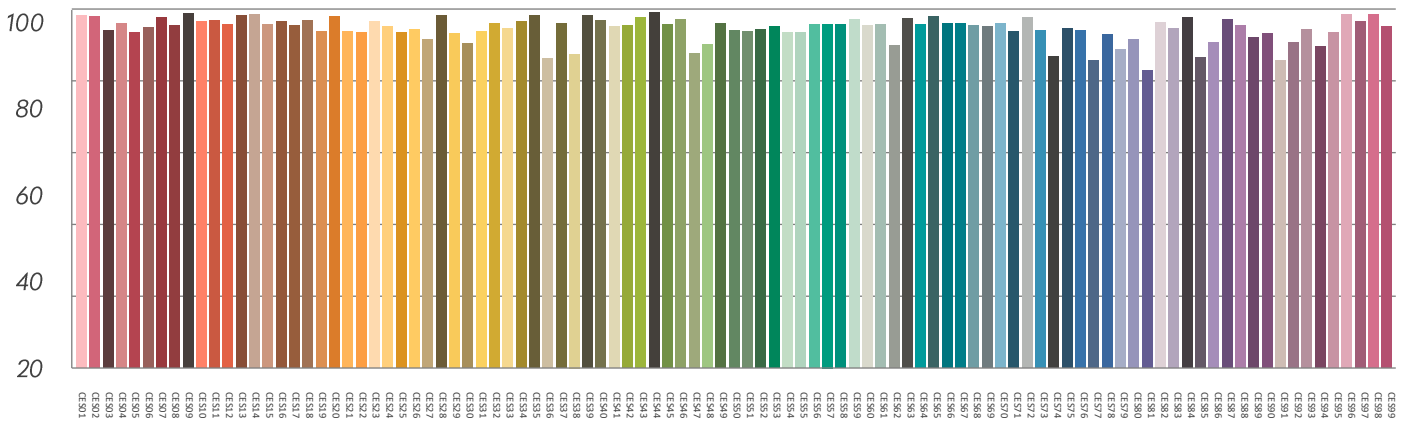
## Rf by Hue



## Chroma Shift by Hue



## Color Evaluation Sample



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DRY\_25k



## Light Efficiency:

101 Lumen/Watt

Output: 620 lm

## Light Quality:

CRI: 96.7

Peak: 210 cd

Power: 6.2 W

PF: 1.0

## Color Temperature

2487 K

R9: 92.6

Duv: -0.0003

u': 0.273

v': 0.531

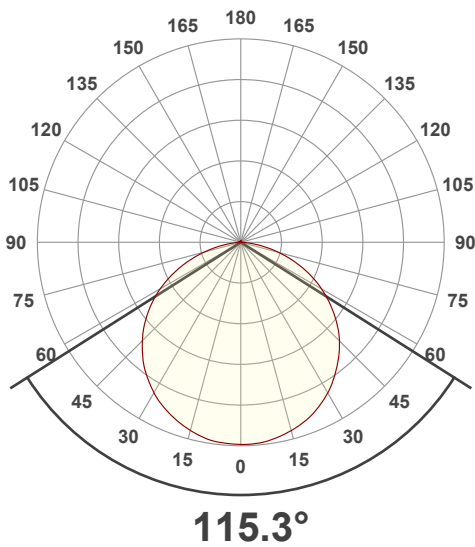
Rg 101.2

Gamut index Rg

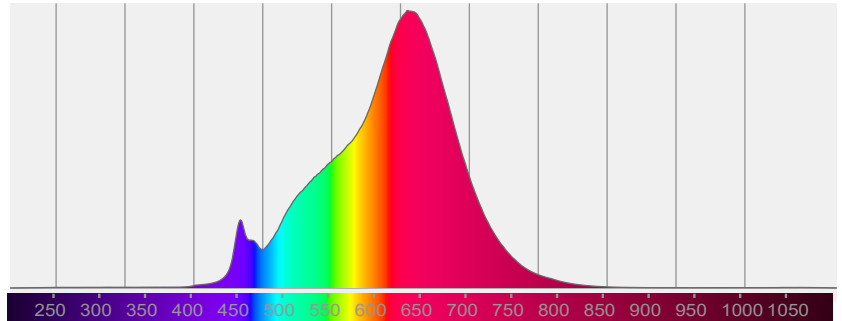
Rf 95.4

Fidelity index Rf

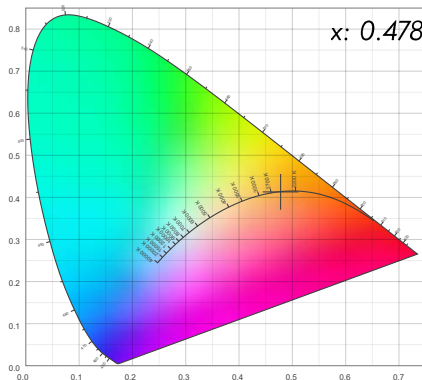
## Beam Angle:



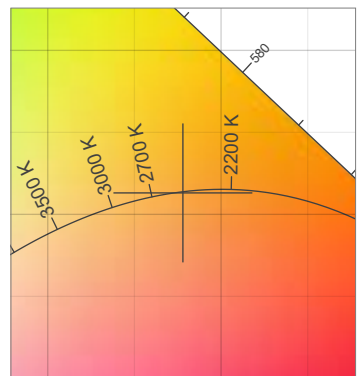
## Spectra:



## CIE 1931:

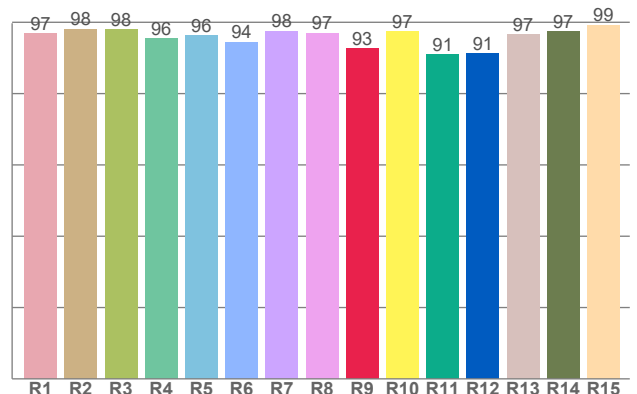
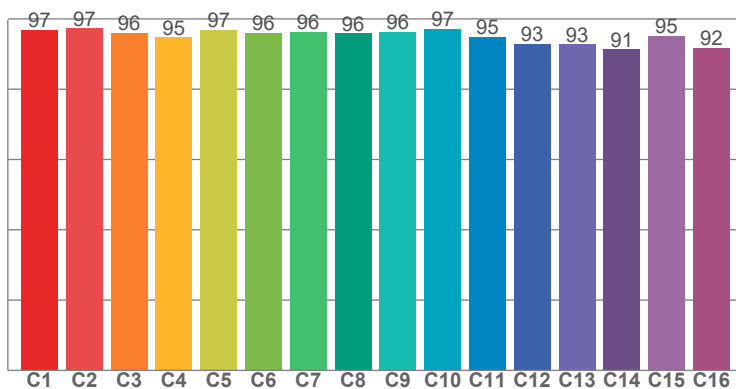


## CIE 1931 Zoom:



TM30: 95.4

CRI: 96.7 96.8



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DRY\_25k



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

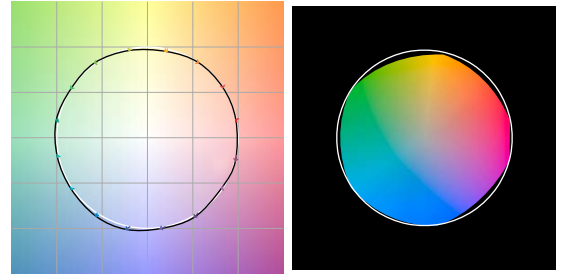
## Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.8	98.2	97.9	95.5	96.4	94.5	97.6	97.0	92.6	97.4	91.0	91.2	96.6	97.5	99.3

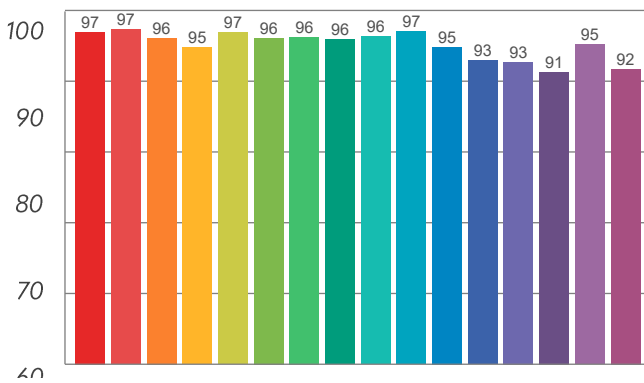
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.9	97.3	96.1	94.7	96.9	96.1	96.2	95.9	96.3	97.0	94.8	92.9	92.7	91.3	95.2	91.7

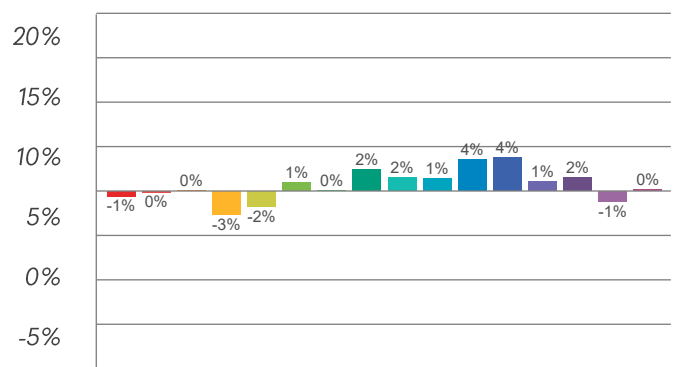
## Color Vector



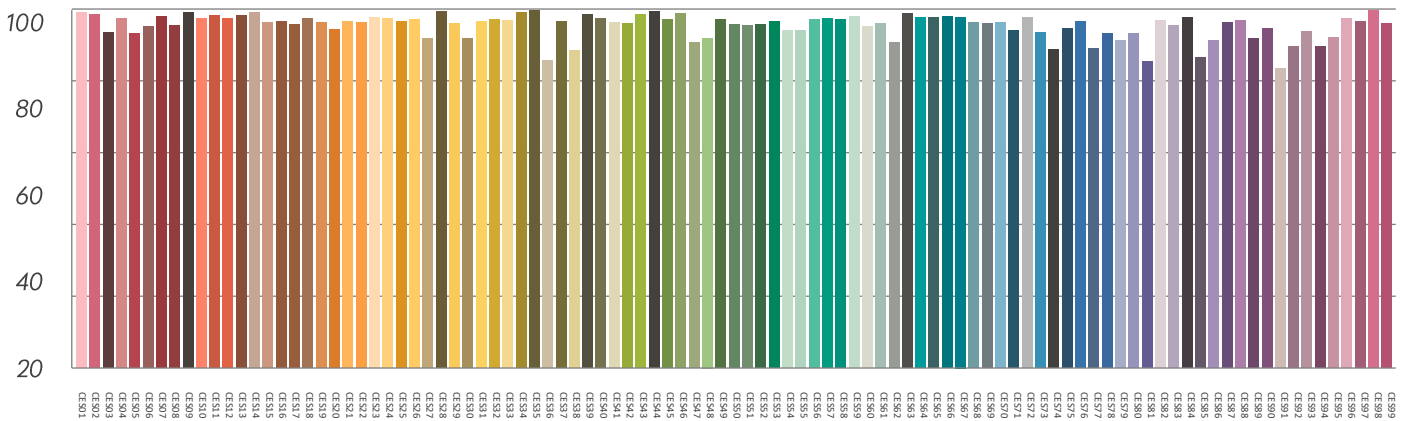
## Rf by Hue



## Chroma Shift by Hue



## Color Evaluation Sample





# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DRY\_27k



Light Efficiency:



Output: 665 lm

Light Quality:



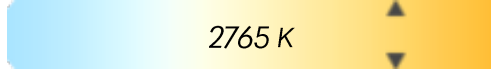
Peak: 226 cd

Power: 7.4 W

PF: 1.0

R<sub>g</sub> 100.7  
Gamut index R<sub>g</sub>

Color Temperature



R<sub>9</sub>: 93.9

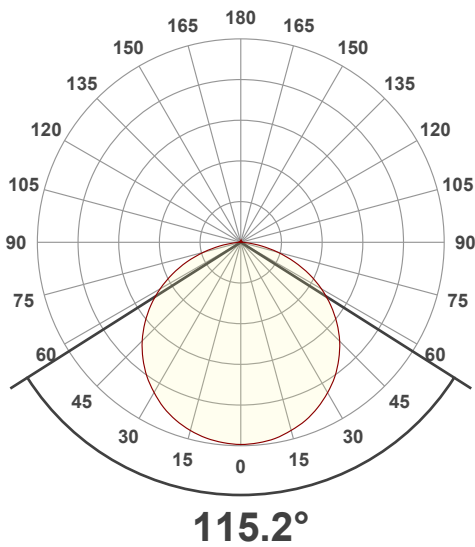
Duv: 0.0006

R<sub>f</sub> 95.4  
Fidelity index R<sub>f</sub>

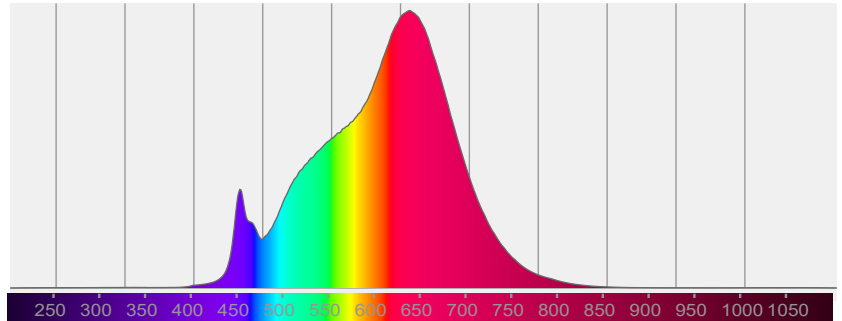
u': 0.260

v': 0.527

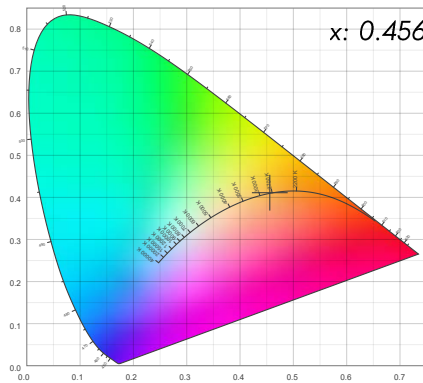
Beam Angle:



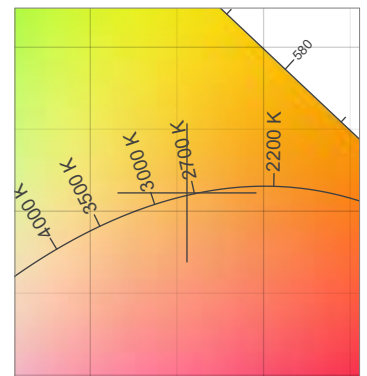
Spectra:



CIE 1931:

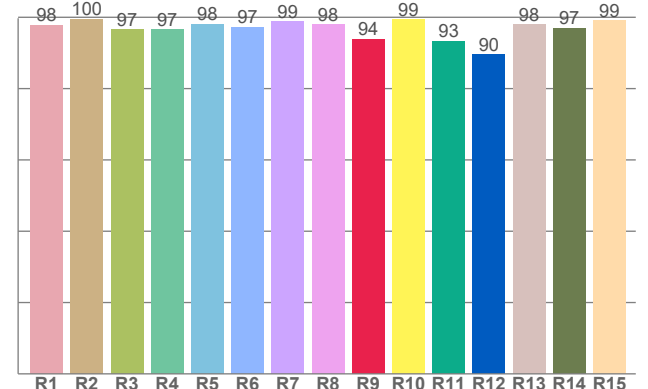
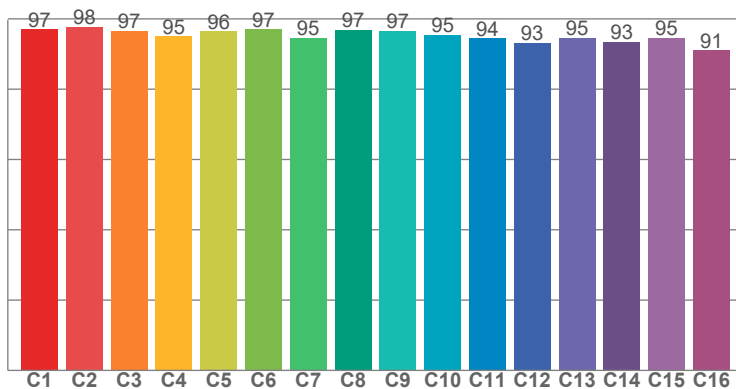


CIE 1931 Zoom:



TM30: 95.4

CRI: 97.9 97.8



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

SS\_WHE\_6.0-24\_DRY\_27k



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

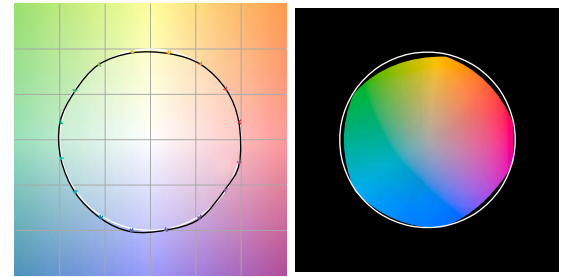
## Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.5	96.6	96.6	98.1	97.2	98.9	98.0	93.9	99.4	93.3	89.6	98.0	97.0	99.1

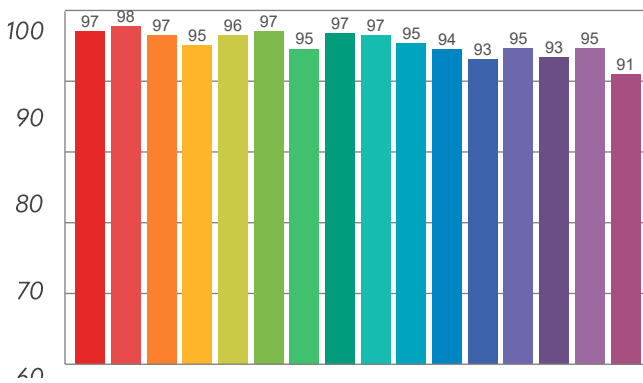
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.0	97.8	96.5	95.0	96.4	97.0	94.6	96.8	96.5	95.4	94.5	93.1	94.6	93.4	94.6	91.0

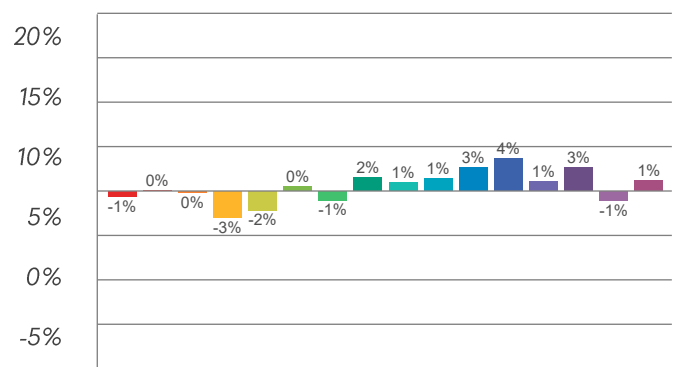
## Color Vector



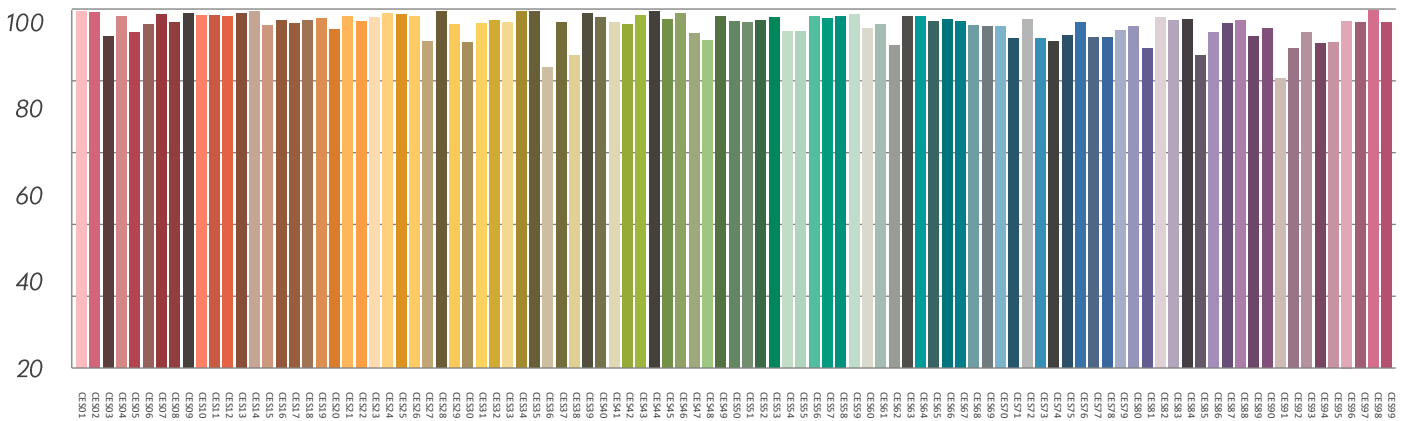
## Rf by Hue



## Chroma Shift by Hue



## Color Evaluation Sample



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DRY\_30k



## Light Efficiency:



Output: 649 lm

## Light Quality:

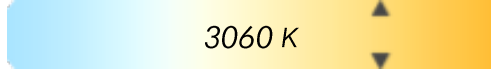


Peak: 221 cd

Power: 7.0 W

PF: 1.0

## Color Temperature



R9: 96.3

Duv: -0.0001

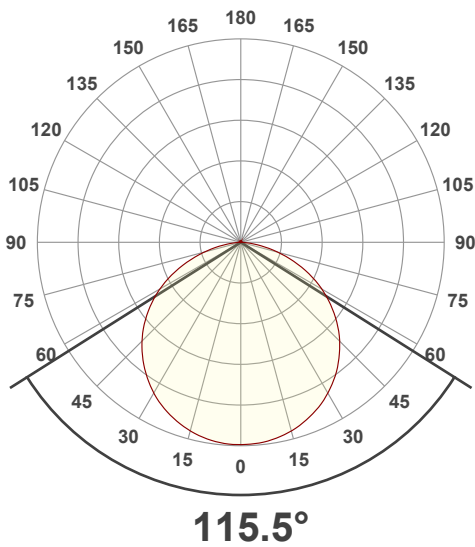
u': 0.249

v': 0.520

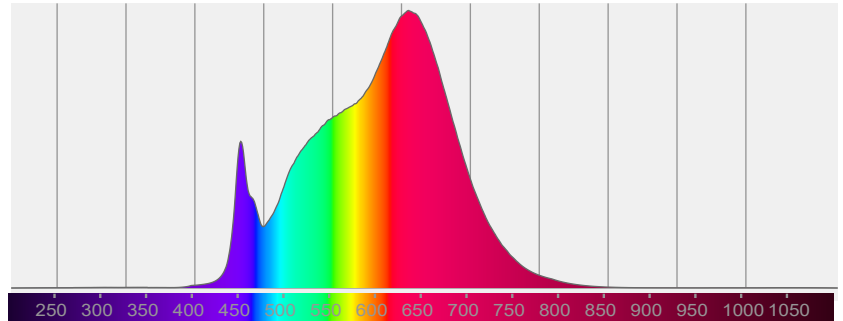
Rg 101.5  
Gamut index Rg

Rf 95.2  
Fidelity index Rf

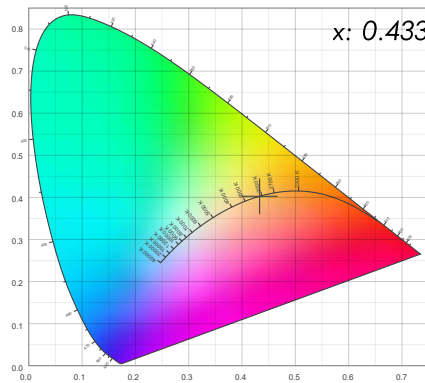
## Beam Angle:



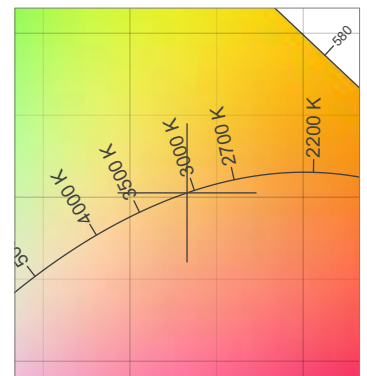
## Spectra:



## CIE 1931:

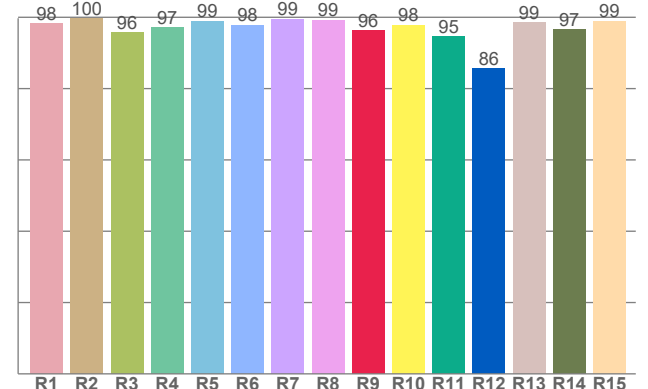
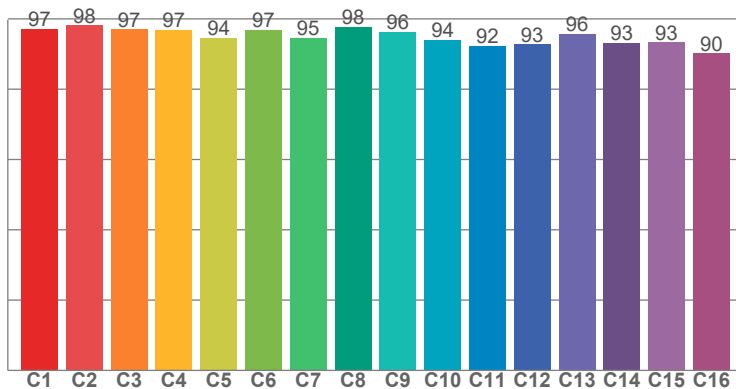


## CIE 1931 Zoom:



TM30: 95.2

CRI: 98.3 98.2



Novaflex 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

SS\_WHE\_6.0-24\_DRY\_30k



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

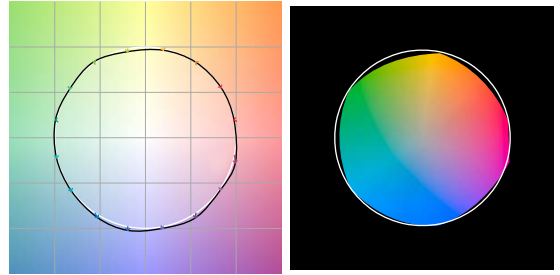
## Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.7	95.7	97.2	99.0	97.8	99.5	99.2	96.3	97.8	94.5	85.6	98.6	96.6	98.9

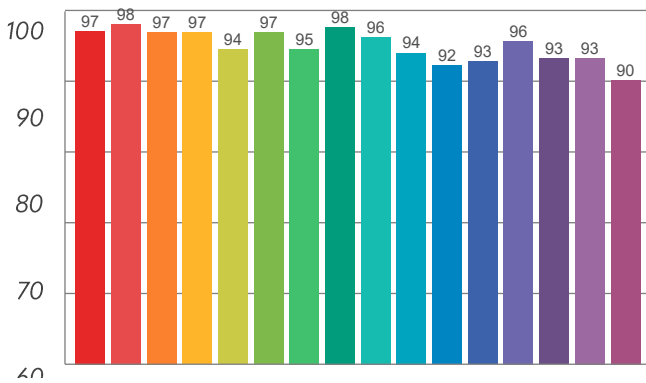
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.1	98.1	97.0	96.9	94.5	96.9	94.5	97.7	96.3	94.0	92.2	92.8	95.7	93.2	93.3	90.1

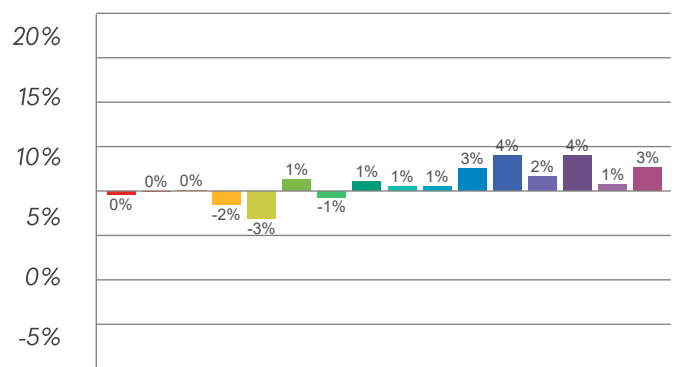
## Color Vector



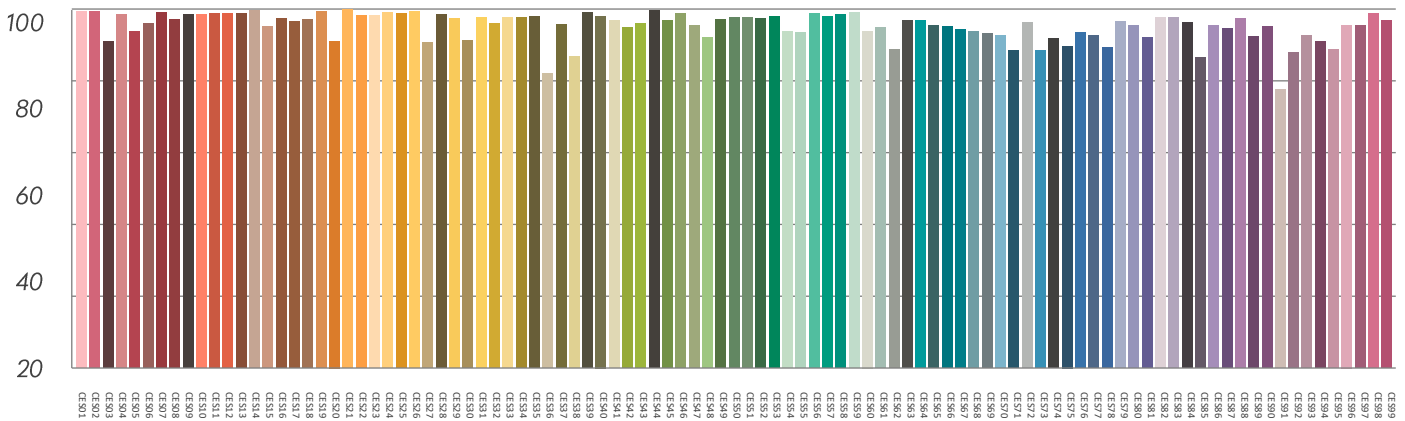
## Rf by Hue



## Chroma Shift by Hue



## Color Evaluation Sample



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DRY\_35k



## Light Efficiency:

130 Lumen/Watt

Output: 856 lm

## Light Quality:

CRI: 98.2

Peak: 288 cd

Power: 6.6 W

PF: 1.0

R9: 99.1

Duv: 0.0015

u': 0.235

v': 0.513

Rg 100.5

Gamut index Rg

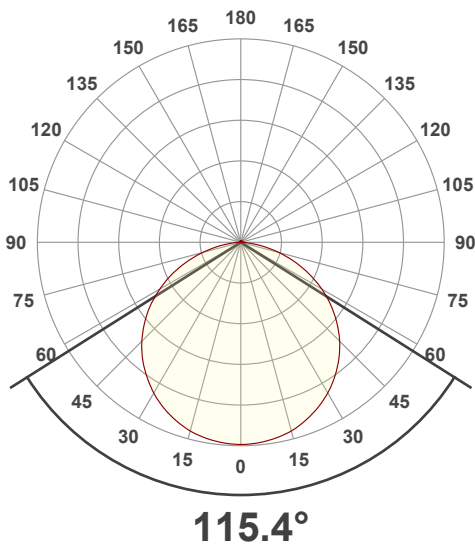
Rf 94.7

Fidelity index Rf

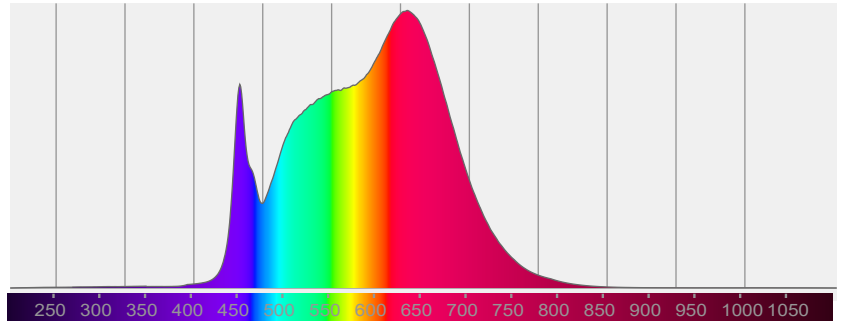
## Color Temperature

3512 K

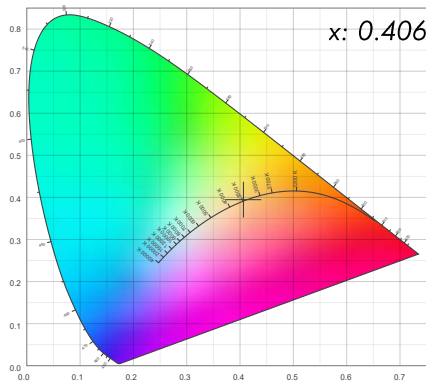
## Beam Angle:



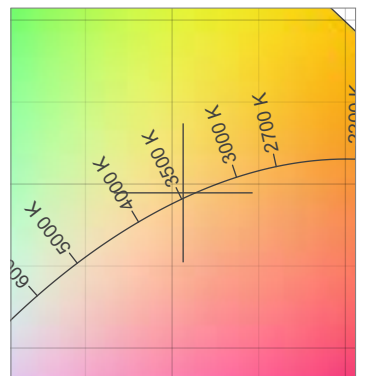
## Spectra:



## CIE 1931:

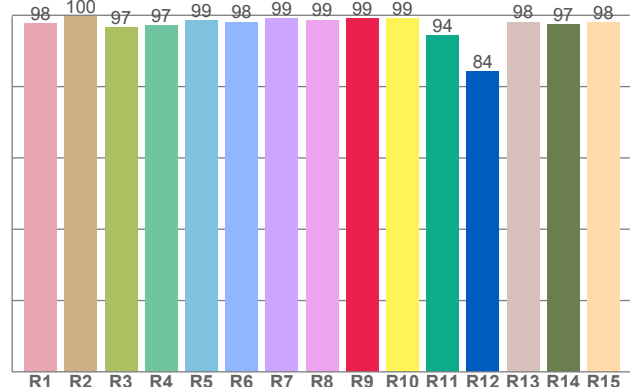
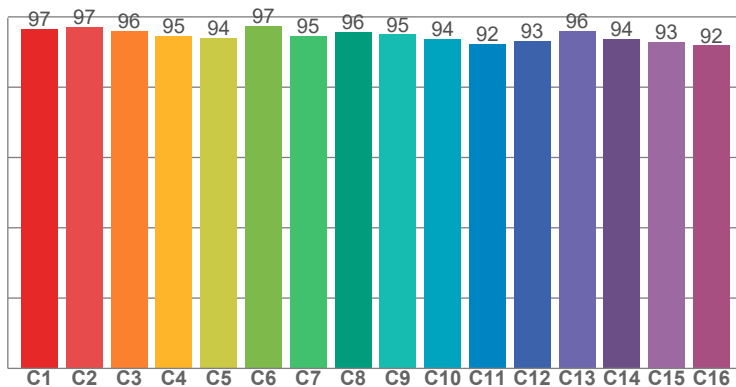


## CIE 1931 Zoom:



TM30: 94.7

CRI: 98.2 97.8





# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DRY\_41k



## Light Efficiency:

105 Lumen/Watt

Output: 738 lm

## Light Quality:

CRI: 98.5

Peak: 249 cd

Power: 7.0 W

PF: 1.0

R9: 98.7

Duv: 0.0008

u': 0.225

v': 0.502

Rg 100.6

Gamut index Rg

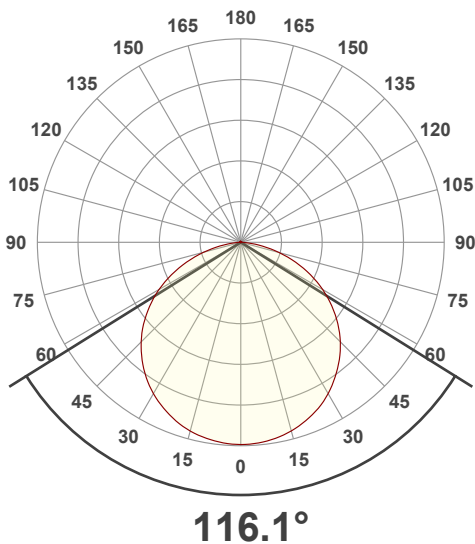
Rf 94.2

Fidelity index Rf

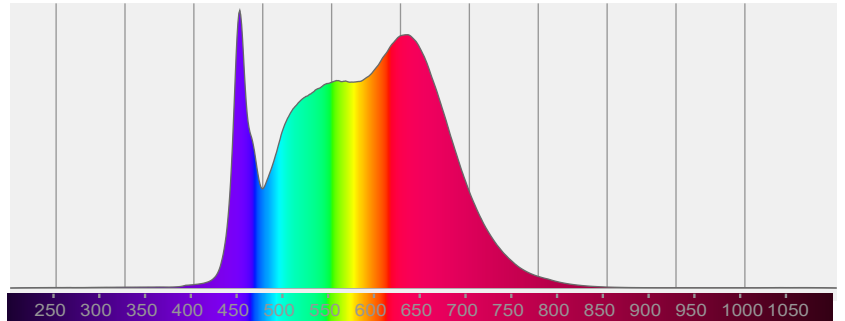
## Color Temperature

4006 K

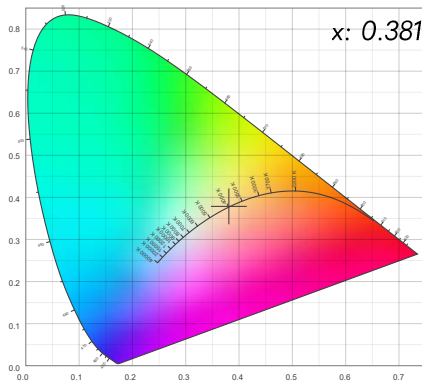
## Beam Angle:



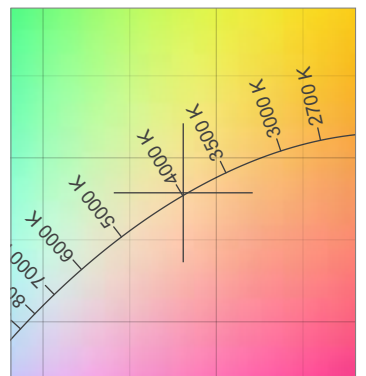
## Spectra:



## CIE 1931:

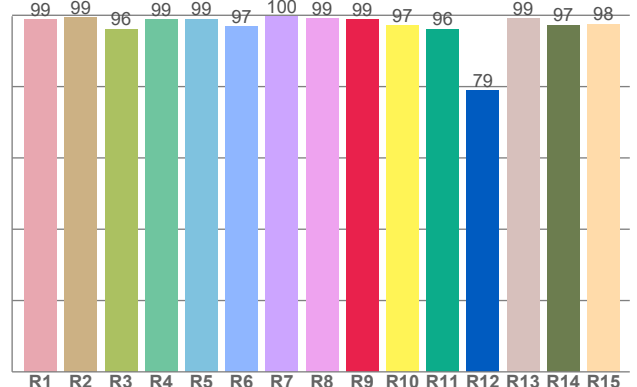
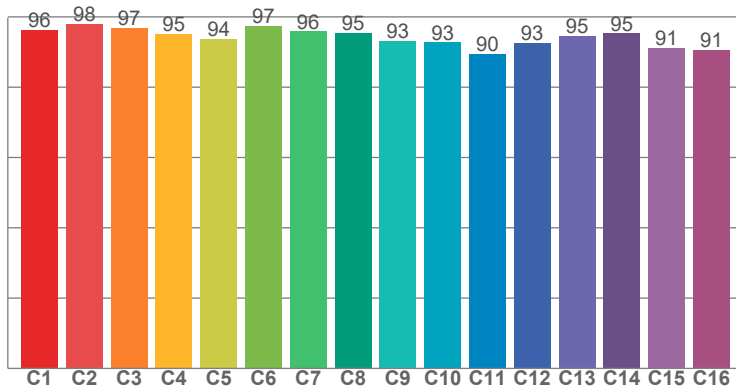


## CIE 1931 Zoom:



TM30: 94.2

CRI: 98.5 98.8



# RESOURCE – PHOTOMETRICS

SS\_WHE\_6.0-24\_DRY\_41k



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

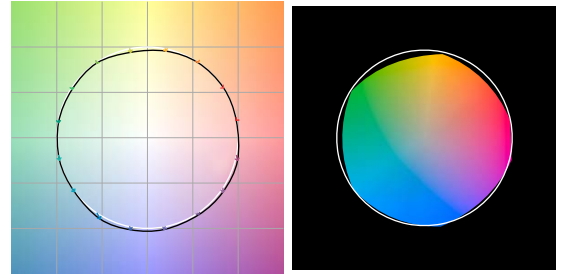
## Color Distortion

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.3	96.1	98.8	98.9	96.9	99.7	99.1	98.7	97.2	96.2	78.9	99.1	97.3	97.6

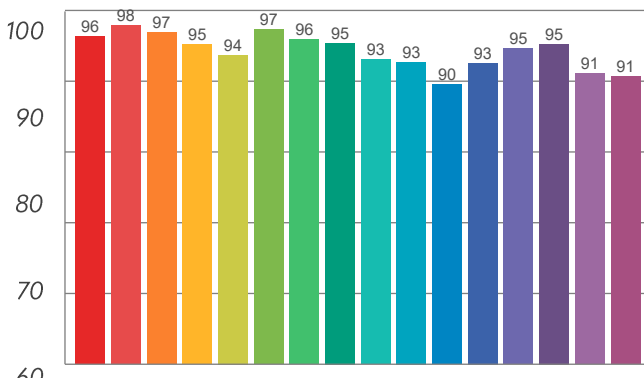
TM30 C values, 16 binned values out of total of 99 C values

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	97.3	95.9	95.4	93.1	92.7	89.5	92.6	94.6	95.3	91.1	90.6

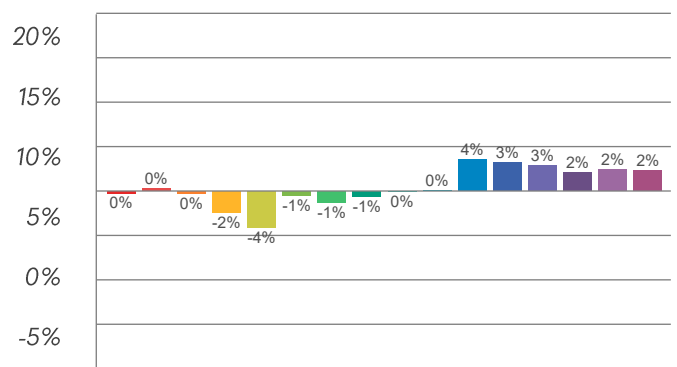
## Color Vector



## Rf by Hue



## Chroma Shift by Hue



## Color Evaluation Sample

