# Lightsource Test Report (1/2)

## Product Infomation

Product Category: 8W 2700K-6500K 38D  Product Number: 2517

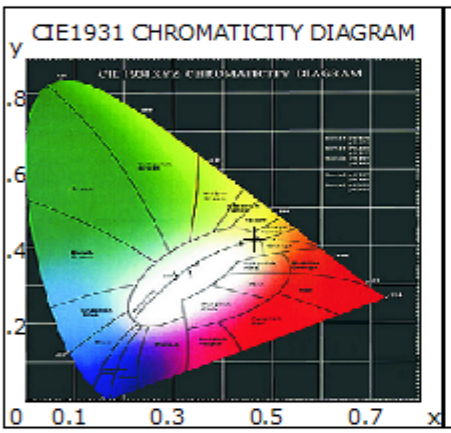
## CIE Colorimetric Parameters

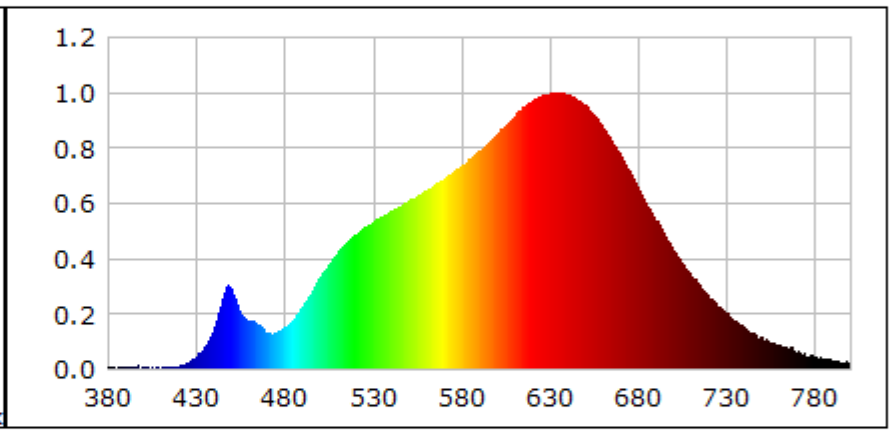
Chromaticity coordinates: x=0.4624 y=0.4273  u(u')=0.2568 v=0.3559 v'=0.5339
CCT: Tc=2791K (duv=0.00584)  Color Ratio: R=0.254 G=0.724 B=0.021
Peak Wavelength: 637.6nm  Half Bandwidth: 172.0nm
Dominant Wavelength: 582.0nm  Color Purity: 0.671
CRI: Ra= 94.0  TM30: Rf= 93, Rg= 98

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =94 | R2 =94 | R3 =93 | R4 =97 | R5 =93 | R6 =93 | R7 =98 | R8 =90 |
| R9 =73 | R10=86 | R11=98 | R12=79 | R13=94 | R14=95 | R15=91 | |

Color Quality Scale: Qa= 90.0, Qf= 92.3, Qp= 90.1, Qg= 91.5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Q1 =92 | Q2 =96 | Q3 =93 | Q4 =93 | Q5 =93 | Q6 =94 | Q7 =95 | Q8 =92 |
| Q9 =88 | Q10=83 | Q11=84 | Q12=87 | Q13=91 | Q14=89 | Q15=91 | |




## Photometric Parameters

Luminous Flux: 466.28 lm  Efficiency: 113.73 lm/W  Radiant Power: 1.710 W
EEI: 0.10  Energy Efficiency Class: A++ (EU 874-2012)

## Electric Parameters

Voltage: 24.00V  Current: 0.1710A  Power: 4.10W
Power Factor: 0.0000  Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 48897 (5752)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4Π
CCD Integration Time: 2308.04 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%  Test Device: Inventfine CMS-2S (Plus)
Test Lab:  Test Time: 2024-03-18 16:27:50
Operator:  Inspector:

# Lightsource Test Report (1/2)

## Product Infomation

Product Category: 8W 2700K-6500K 38D  Product Number: 2518

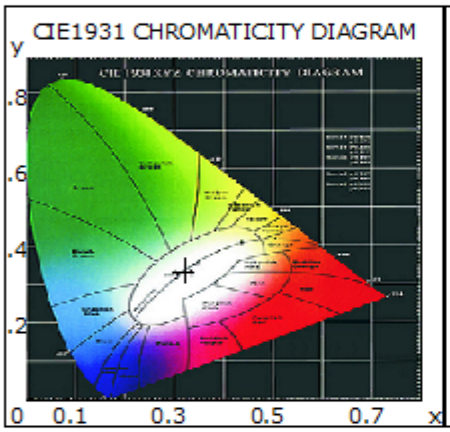
## CIE Colorimetric Parameters

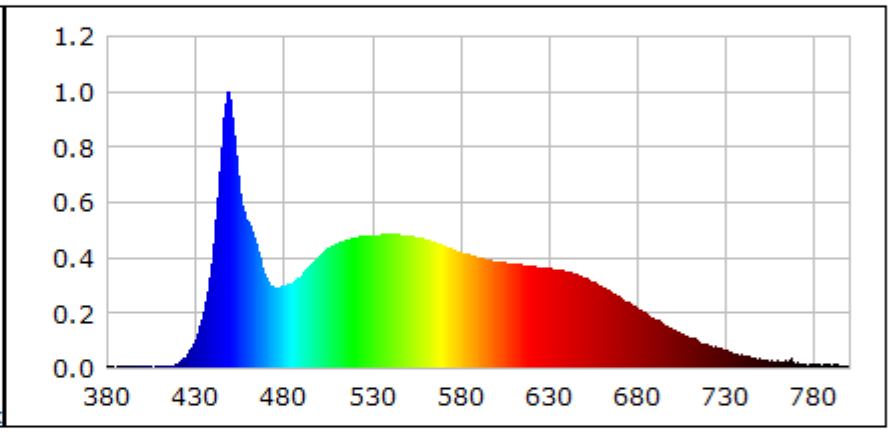
Chromaticity coordinates: x=0.3187 y=0.3406  u(u')=0.1976 v=0.3169 v'=0.4753
CCT: Tc=6132K (duv=0.00614)  Color Ratio: R=0.148 G=0.793 B=0.059
Peak Wavelength: 448.8nm  Half Bandwidth: 21.6nm
Dominant Wavelength: 498.3nm  Color Purity: 0.045
CRI: Ra= 91.7  TM30: Rf= 89, Rg= 99

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =91 | R2 =93 | R3 =93 | R4 =92 | R5 =90 | R6 =89 | R7 =96 | R8 =90 |
| R9 =69 | R10=82 | R11=91 | R12=68 | R13=91 | R14=96 | R15=90 | |

Color Quality Scale: Qa= 91.6, Qf= 91.2, Qp= 92.2, Qg= 97.5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Q1 =94 | Q2 =99 | Q3 =85 | Q4 =84 | Q5 =90 | Q6 =91 | Q7 =93 | Q8 =96 |
| Q9 =97 | Q10=93 | Q11=93 | Q12=93 | Q13=94 | Q14=91 | Q15=93 | |




## Photometric Parameters

Luminous Flux: 523.25 lm  Efficiency: 128.25 lm/W  Radiant Power: 1.862 W
EEI: 0.09  Energy Efficiency Class: A++ (EU 874-2012)

## Electric Parameters

Voltage: 24.00V  Current: 0.1700A  Power: 4.08W
Power Factor: 0.0000  Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44550 (5377)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4Π
CCD Integration Time: 1231.36 ms

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Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%  Test Device: Inventfine CMS-2S (Plus)
Test Lab:  Test Time: 2024-03-18 16:29:29
Operator:  Inspector: