Lightsource Test Report (1/2)

Product Infomation

Product Category: 8W 2700K-6500K 60D Product Number: 2519

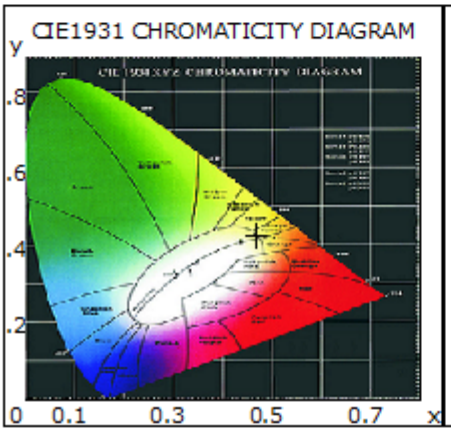
CIE Colorimetric Parameters

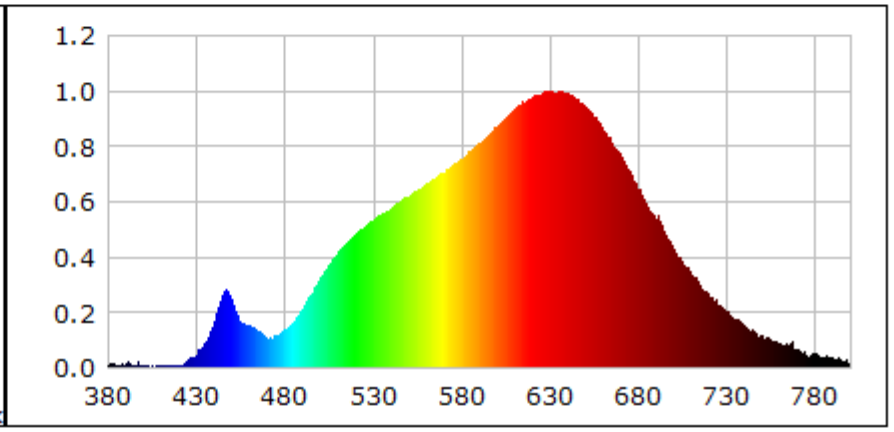
Chromaticity coordinates: x=0.4666 y=0.4313 u(u')=0.2577 v=0.3573 v'=0.5360
CCT: Tc=2763K (duv=0.00689) Color Ratio: R=0.254 G=0.727 B=0.019
Peak Wavelength: 637.4nm Half Bandwidth: 171.4nm
Dominant Wavelength: 581.9nm Color Purity: 0.696
CRI: Ra= 92.1 TM30: Rf= 93, Rg= 97

R1 =92	R2 =92	R3 =93	R4 =95	R5 =91	R6 =90	R7 =97	R8 =87
R9 =65	R10=82	R11=96	R12=76	R13=91	R14=95	R15=88	

Color Quality Scale: Qa= 87.7, Qf= 90.1, Qp= 87.3, Qg= 89.5

Q1 =91	Q2 =96	Q3 =93	Q4 =92	Q5 =91	Q6 =92	Q7 =93	Q8 =90
Q9 =86	Q10=79	Q11=80	Q12=84	Q13=88	Q14=86	Q15=89	





Photometric Parameters

Luminous Flux: 294.47 lm Efficiency: 72.17 lm/W Radiant Power: 1.066 W
EEI: 0.14 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: 42213 (5887)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4Π
CCD Integration Time: 3110.05 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 16:31:33
Operator: Inspector:

Lightsource Test Report (1/2)

Product Infomation

Product Category: 8W 2700K-6500K 60D Product Number: 2520

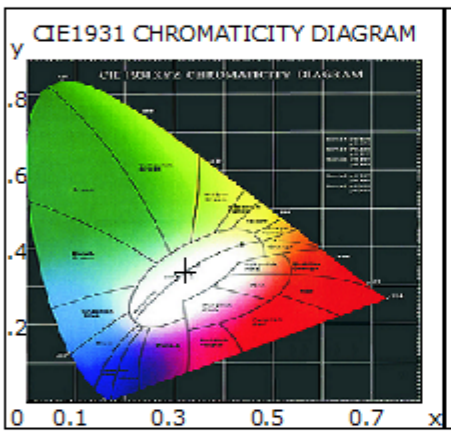
CIE Colorimetric Parameters

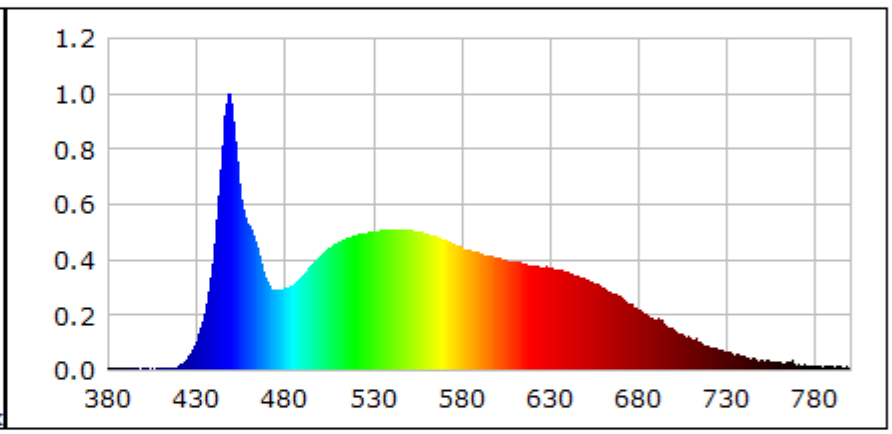
Chromaticity coordinates: x=0.3219 y=0.3467 u(u')=0.1976 v=0.3192 v'=0.4788
CCT: Tc=5964K (duv=0.00762) Color Ratio: R=0.146 G=0.797 B=0.057
Peak Wavelength: 448.6nm Half Bandwidth: 21.4nm
Dominant Wavelength: 508.0nm Color Purity: 0.035
CRI: Ra= 89.8 TM30: Rf= 88, Rg= 98

R1 =88	R2 =91	R3 =93	R4 =90	R5 =88	R6 =87	R7 =95	R8 =87
R9 =58	R10=79	R11=89	R12=66	R13=89	R14=96	R15=87	

Color Quality Scale: Qa= 90.3, Qf= 90.1, Qp= 90.7, Qg= 96.2

Q1 =93	Q2 =99	Q3 =85	Q4 =83	Q5 =88	Q6 =90	Q7 =91	Q8 =95
Q9 =97	Q10=93	Q11=92	Q12=92	Q13=92	Q14=88	Q15=90	





Photometric Parameters

Luminous Flux: 346.62 lm Efficiency: 84.54 lm/W Radiant Power: 1.213 W
EEI: 0.12 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: 44287 (5536)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4Π
CCD Integration Time: 1927.09 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 16:32:48
Operator: Inspector: