Lightsource Test Report

Product Infomation

Product Category: 3014 Strip 100cm
Product Type: 2001329 11W Dualweiss
Product Spec: 120D 24V 6500K R90
Product Number: IP20
Submitted Unit: QC

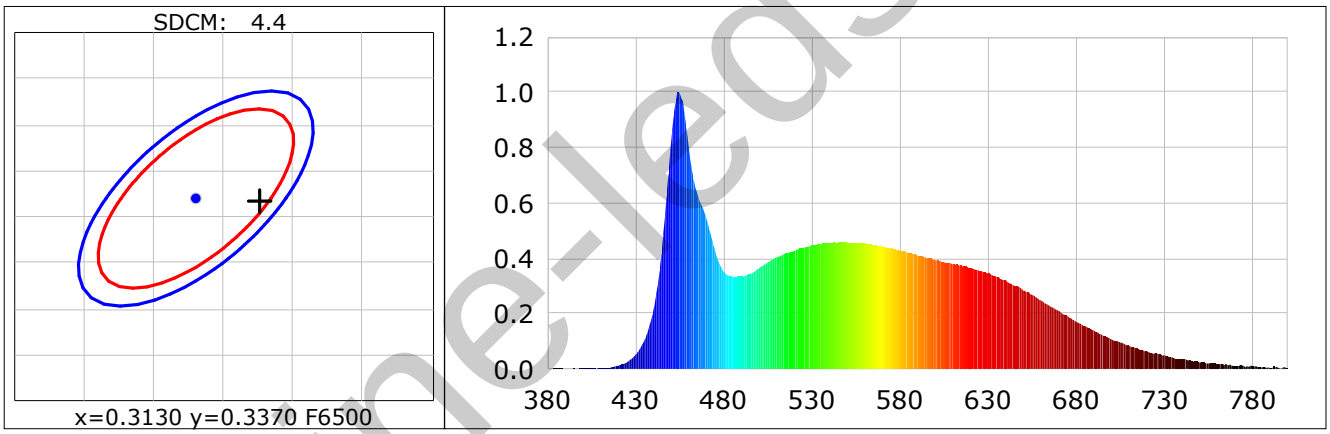
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3176 y=0.3367 u(u')=0.1983 v=0.3154 v'=0.4731
CCT: Tc=6206K (duv=0.00470)
Color Ratio: R=0.148 G=0.785 B=0.067
Peak Wavelength: 454.5nm
Half Bandwidth: 26.1nm
Dominant Wavelength: 494.5nm
Color Purity: 0.051
CRI: Ra= 91.5
TM30: Rf= 84, Rg= 94

R1 =93	R2 =95	R3 =92	R4 =89	R5 =89	R6 =88	R7 =95	R8 =91
R9 =78	R10=85	R11=91	R12=55	R13=95	R14=95	R15=92	

Color Quality Scale: Qa= 87.8, Qf= 87.6, Qp= 87.1, Qg= 93.9

Q1 =84	Q2 =94	Q3 =88	Q4 =78	Q5 =79	Q6 =80	Q7 =88	Q8 =94
Q9 =98	Q10=96	Q11=93	Q12=93	Q13=93	Q14=92	Q15=90	



Photometric Parameters

Luminous Flux: 518.00 lm
Efficiency: 94.18 lm/W
Radiant Power: 1.803 W
EEI: 0.12
Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 24.000V
Current: 0.2290A
Power: 5.50W
Power Factor: 1.0000
Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Photometric Method: sphere-spectroradiometer
Stabilization Time: 1 Min
Photometric Condition: Sphere diameter: 1.50m, 4∏
Max of Signal: 47874 (2555)
CCD Integration Time: 760.87 ms

Condition: Tx:17.3'C, Ti:15.5'C, R.H.:60%
Test Device: Inventfine CMS-2S (Plus)
Test Lab:
Test Time: 2018-02-06 15:43:45
Operator:
Inspector:

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Lightsource Test Report

Product Infomation

Product Category: 3014 Strip 100cm
Product Type: 2001329 11W Dualweiss
Product Spec: 120D 24V 6500K+2500K R90
Product Number: IP20
Submitted Unit: QC

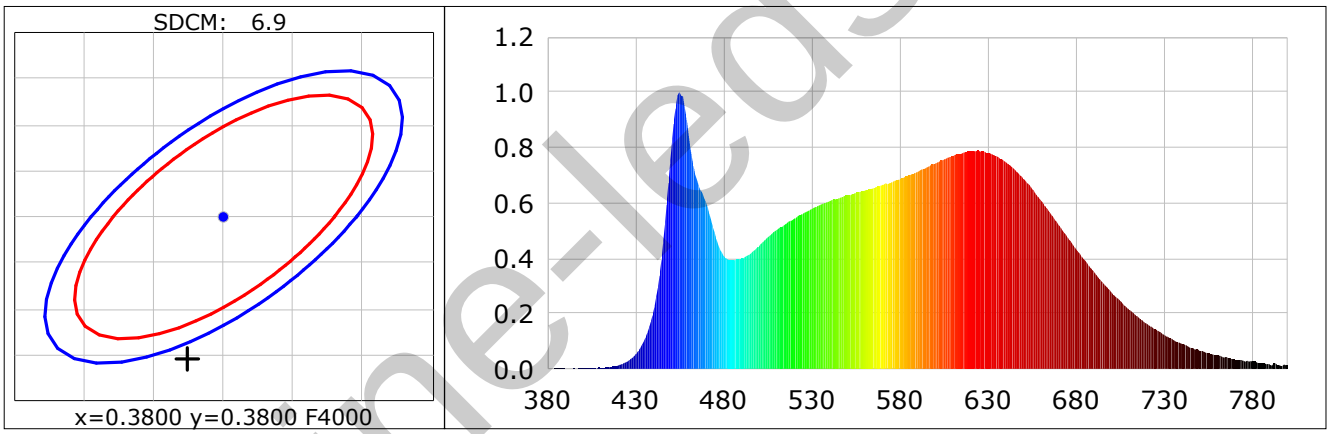
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3774 y=0.3646 u(u')=0.2280 v=0.3304 v'=0.4957
CCT: Tc=3993K (duv=-0.00491)
Color Ratio: R=0.208 G=0.742 B=0.050
Peak Wavelength: 455.0nm
Half Bandwidth: 28.1nm
Dominant Wavelength: 582.3nm
Color Purity: 0.227
CRI: Ra= 95.2
TM30: Rf= 89, Rg= 98

R1 =97	R2 =97	R3 =98	R4 =95	R5 =96	R6 =94	R7 =93	R8 =93
R9 =91	R10=96	R11=96	R12=73	R13=98	R14=100	R15=97	

Color Quality Scale: Qa= 93.2, Qf= 92.6, Qp= 94.4, Qg= 99.6

Q1 =90	Q2 =97	Q3 =90	Q4 =86	Q5 =89	Q6 =92	Q7 =97	Q8 =97
Q9 =99	Q10=98	Q11=96	Q12=96	Q13=96	Q14=95	Q15=94	



Photometric Parameters

Luminous Flux: 986.90 lm
Efficiency: 93.10 lm/W
Radiant Power: 3.564 W
EEI: 0.14
Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 24.000V
Current: 0.4420A
Power: 10.60W
Power Factor: 1.0000
Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 1 Min
Max of Signal: 46415 (2478)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 588.08 ms

Condition: Tx:17.3'C, Ti:15.3'C, R.H.:60%
Test Device: Inventfine CMS-2S (Plus)
Test Lab:
Test Time: 2018-02-06 15:48:11
Operator:
Inspector:

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Lightsource Test Report

Product Infomation

Product Category: 3014 Strip
Product Type: FP8AFIDJ-120ACWPWW
Product Spec: 120D 24V 2500K R90
Product Number: IP20
Submitted Unit: QC

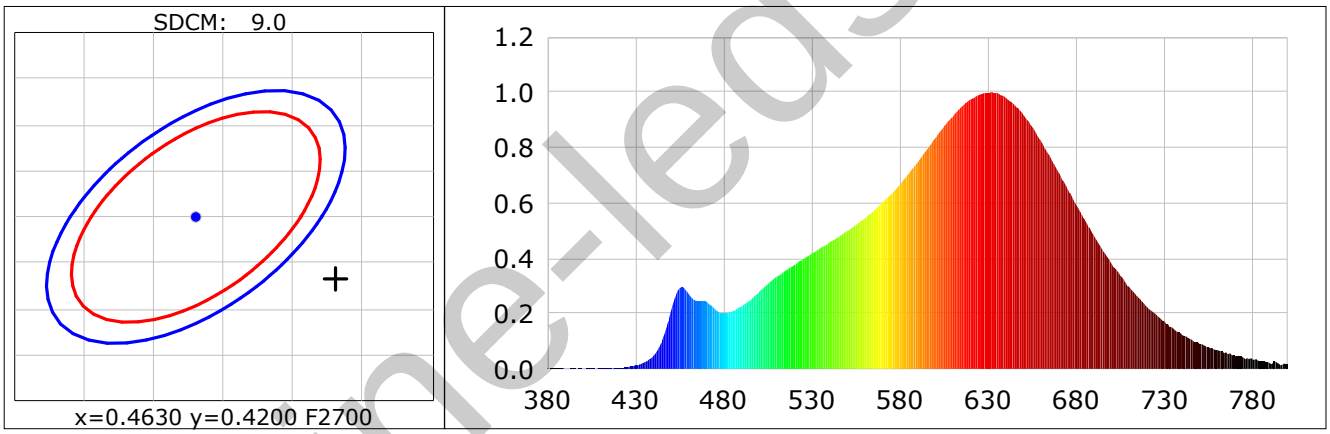
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4730 y=0.4133 u(u')=0.2698 v=0.3536 v'=0.5304
CCT: Tc=2546K (duv=0.00006)
Color Ratio: R=0.282 G=0.693 B=0.026
Peak Wavelength: 632.0nm
Half Bandwidth: 137.8nm
Dominant Wavelength: 585.0nm
Color Purity: 0.661
CRI: Ra= 95.1
TM30: Rf= 90, Rg= 97

R1 =97	R2 =100	R3 =98	R4 =96	R5 =97	R6 =96	R7 =91	R8 =86
R9 =72	R10=99	R11=98	R12=86	R13=98	R14=99	R15=93	

Color Quality Scale: Qa= 91.8, Qf= 94.6, Qp= 95.1, Qg= 93.5

Q1 =87	Q2 =93	Q3 =94	Q4 =91	Q5 =90	Q6 =91	Q7 =94	Q8 =94
Q9 =94	Q10=95	Q11=96	Q12=95	Q13=94	Q14=90	Q15=89	



Photometric Parameters

Luminous Flux: 411.70 lm
Efficiency: 77.68 lm/W
Radiant Power: 1.542 W
EEI: 0.14
Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 24.000V
Current: 0.2213A
Power: 5.30W
Power Factor: 1.0000
Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Photometric Method: sphere-spectroradiometer
Stabilization Time: 1 Min
Photometric Condition: Sphere diameter: 1.50m, 4π
Max of Signal: 45477 (2779)
CCD Integration Time: 1382.80 ms

Condition: Tx:17.3'C, Ti:15.5'C, R.H.:60%
Test Device: Inventfine CMS-2S (Plus)
Test Lab:
Test Time: 2018-02-06 15:46:53
Operator:
Inspector:

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