

Lightsource Test Report

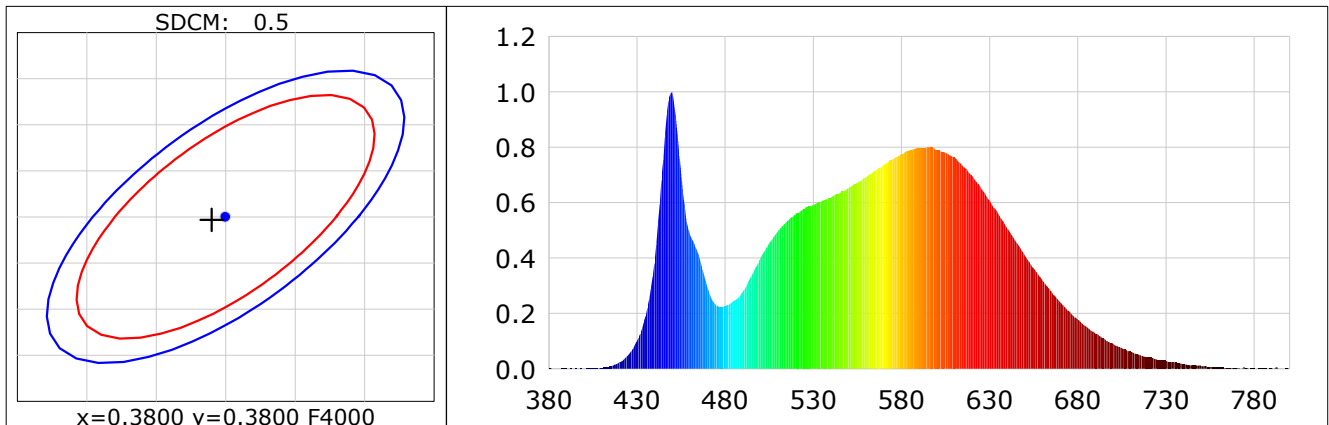
Product Information

Product Category:
Product Spec: 30W

Product Type: 4000K
Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3790$ $y=0.3797$ $u(u')=0.2230$ $v=0.3351$ $v'=0.5026$
 CCT: $T_c=4061K$ ($duv=0.00179$) Color Ratio: $R=0.180$ $G=0.784$ $B=0.035$
 Peak Wavelength: 449.6nm Half Bandwidth: 17.8nm
 Dominant Wavelength: 577.9nm Color Purity: 0.277
 CRI: Ra: Ra= 83.0
 R1 =81 R2 =88 R3 =94 R4 =83 R5 =81 R6 =85 R7 =86 R8 =65
 R9 =8 R10=73 R11=82 R12=61 R13=83 R14=97 R15=75
 Color Quality Scale: Qa= 83.2, Qf= 83.4, Qp= 82.9, Qg= 92.6
 Q1 =82 Q2 =98 Q3 =80 Q4 =77 Q5 =82 Q6 =84 Q7 =86 Q8 =89
 Q9 =98 Q10=89 Q11=86 Q12=85 Q13=84 Q14=73 Q15=76



Photometric Parameters

Luminous Flux: 3901.50 lm
EEI: 0.11

Efficiency: 126.84 lm/W Radiant Power: 11.658 W
Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 219.50V
Power Factor: 0.9660

Current: 0.1450A
Frequency: 50.00Hz

Power: 30.76W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 44994 (3198)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4T
CCD Integration Time: 324.77 ms

Condition: Tx:25.4'C, Ti:24.1'C, R.H.:60%
Test Lab: IDEUS
Operator:

Test Device: Inventfine CMS-3000S
Test Time: 2023-03-03 14:39:02
Inspector:

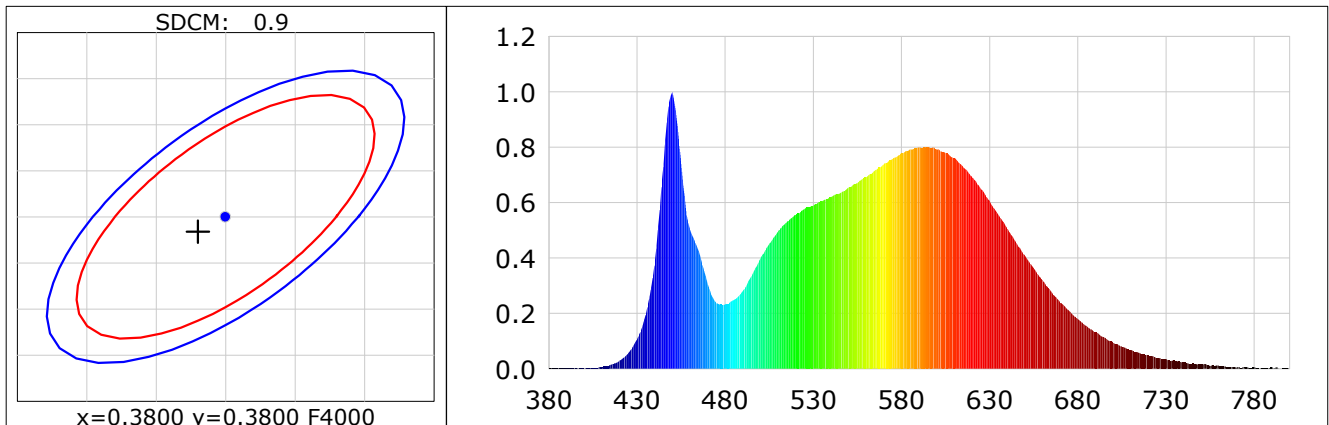
Lightsource Test Report

Product Information

Product Category:	Product Type: 4000K
Product Spec: 30W	Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3780$ $y=0.3784$ $u(u')=0.2229$ $v=0.3346$ $v'=0.5019$
 CCT: $T_c=4079K$ ($duv=0.00149$) Color Ratio: $R=0.180$ $G=0.784$ $B=0.036$
 Peak Wavelength: 449.8nm Half Bandwidth: 18.4nm
 Dominant Wavelength: 577.9nm Color Purity: 0.270
 CRI: Ra: Ra= 83.0
 R1 =81 R2 =89 R3 =94 R4 =83 R5 =81 R6 =85 R7 =86 R8 =65
 R9 =8 R10=73 R11=82 R12=61 R13=83 R14=97 R15=75
 Color Quality Scale: Qa= 83.0, Qf= 83.3, Qp= 82.8, Qg= 92.6
 Q1 =82 Q2 =98 Q3 =80 Q4 =77 Q5 =82 Q6 =84 Q7 =86 Q8 =89
 Q9 =98 Q10=89 Q11=86 Q12=85 Q13=84 Q14=73 Q15=76



Photometric Parameters

Luminous Flux: 3863.85 lm	Efficiency: 126.64 lm/W	Radiant Power: 11.620 W
EEI: 0.11	Energy Efficiency Class: A++ (EU 874-2012)	

Electric Parameters

Voltage: 219.90V	Current: 0.1440A	Power: 30.51W
Power Factor: 0.9660	Frequency: 50.00Hz	

Test Information

Scan Range: 380~800:1nm Stabilization Time: 5 Min Max of Signal: 44977 (3293)	Photometric Method: sphere-spectroradiometer Photometric Condition: Sphere diameter: 2.00m, 4T CCD Integration Time: 329.08 ms
---	--

Condition: Tx:25.5'C, Ti:24.2'C, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2023-03-03 14:44:11
 Inspector: