

Lightsource Test Report

Product Infomation

Product Category: CDL001-E
Product Spec: 4000K

Product Type: 20W
Product Number: 01

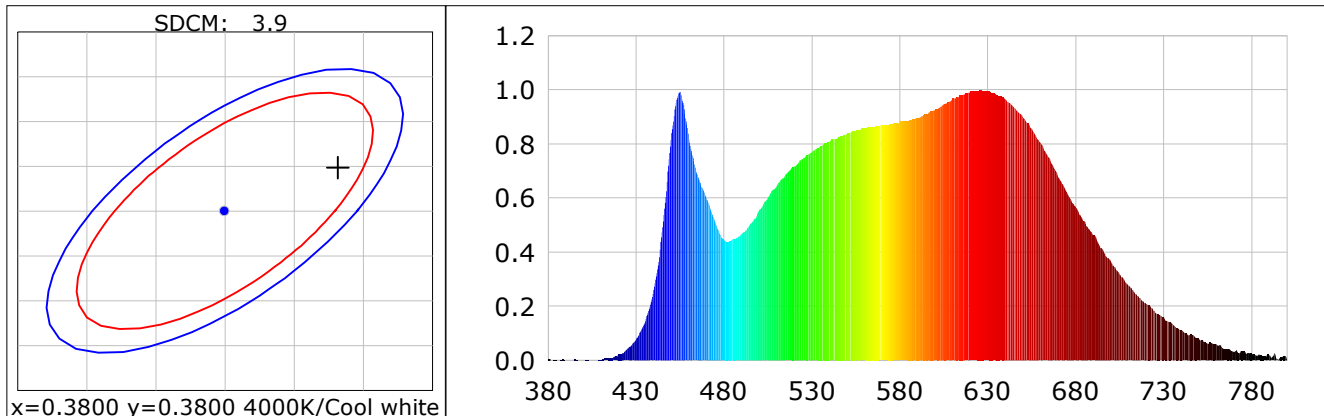
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3882$ $y=0.3848$ $u(u')=0.2269$ $v=0.3375$ $v'(=0.5062)$
 CCT: $T_c=3858K$ ($duv=0.00157$) Color Ratio: $R=0.204$ $G=0.753$ $B=0.043$
 Peak Wavelength: 626.6nm Half Bandwidth: 191.8nm
 Dominant Wavelength: 578.8nm Color Purity: 0.320
 CRI: R_a : $R_a=95.1$

R1 =96	R2 =98	R3 =97	R4 =94	R5 =94	R6 =95	R7 =95	R8 =92
R9 =81	R10=93	R11=94	R12=72	R13=97	R14=98	R15=94	

 Color Quality Scale: $Q_a=93.6$, $Q_f=93.4$, $Q_p=93.3$, $Q_g=97.4$

Q1 =91	Q2 =98	Q3 =90	Q4 =87	Q5 =90	Q6 =92	Q7 =96	Q8 =97
Q9 =99	Q10=97	Q11=97	Q12=97	Q13=98	Q14=95	Q15=94	



Photometric Parameters

Luminous Flux: 1410.99 lm Efficiency: 84.11 lm/W Radiant Power: 8.530 W
 EEI: 0.16 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 220.20V Current: 0.1370A Power: 20.01W
 Power Factor: 0.9620 Frequency: 49.99Hz

BIN: OUT :

Test Infomation

Scan Range: 380~800:1nm
 Stabilization Time: 0 Min
 Max of Signal: 44542 (4226)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 2.00m, 4π
 CCD Integration Time: 644.57 ms

Condition: $T_x=29.9^\circ C$, $T_i=28.8^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2019-04-23 16:06:51
 Inspector:

Lightsource Test Report

Product Infomation

Product Category: 意大利KOSOOM筒灯锐驰系列 Product Type: 30W
 Product Spec: 3000K Product Number: 01

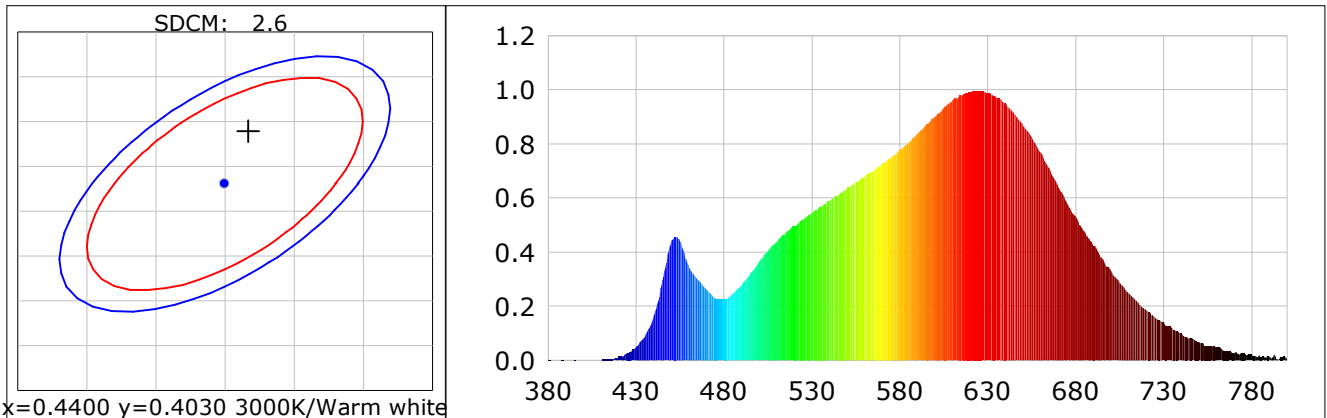
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4417$ $y=0.4089$ $u(u')=0.2515$ $v=0.3493$ $v'(v)=0.5240$
 CCT: $T_c=2961K$ ($duv=0.00127$) Color Ratio: $R=0.245$ $G=0.727$ $B=0.028$
 Peak Wavelength: 623.9nm Half Bandwidth: 162.0nm
 Dominant Wavelength: 582.6nm Color Purity: 0.553
 CRI: R_a : $R_a=93.4$

R1 =93	R2 =96	R3 =98	R4 =94	R5 =93	R6 =96	R7 =93	R8 =84
R9 =64	R10=90	R11=95	R12=80	R13=94	R14=98	R15=90	

 Color Quality Scale: $Q_a=92.1$, $Q_f=93.7$, $Q_p=93.3$, $Q_g=95.3$

Q1 =90	Q2 =96	Q3 =90	Q4 =89	Q5 =92	Q6 =93	Q7 =93	Q8 =94
Q9 =98	Q10=95	Q11=94	Q12=94	Q13=94	Q14=89	Q15=89	



Photometric Parameters

Luminous Flux: 2258.28 lm Efficiency: 74.95 lm/W Radiant Power: 7.815 W
 EEI: 0.18 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 220.20V Current: 0.1420A Power: 30.13W
 Power Factor: 0.9670 Frequency: 50.00Hz

BIN: OUT :

Test Infomation

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Min	Photometric Condition: Sphere diameter: 2.00m, 4π
Max of Signal: 44129 (4261)	CCD Integration Time: 620.58 ms

Condition: $T_x=29.9^\circ C$, $T_i=28.8^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2019-04-23 16:19:28
 Inspector:

Lightsource Test Report

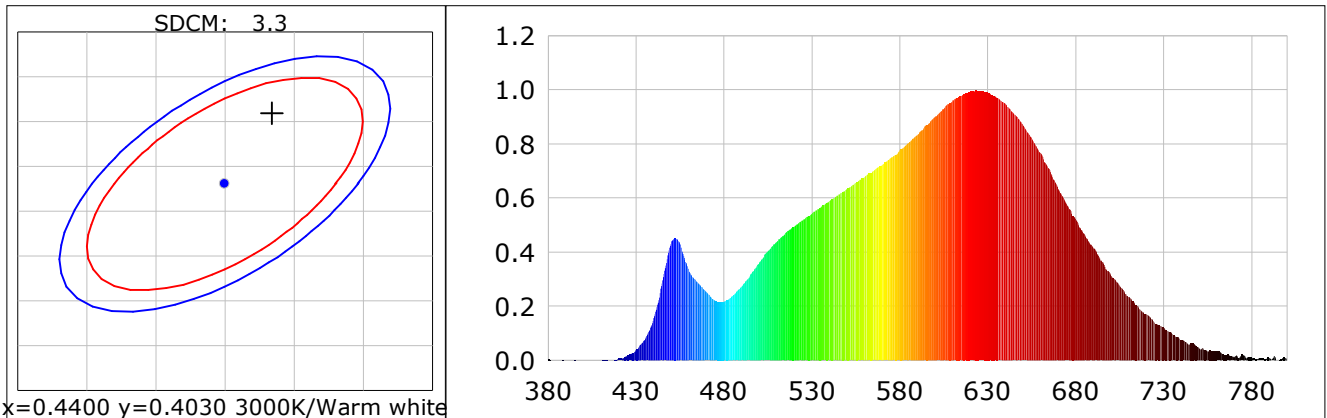
Product Information

Product Category:
Product Spec: 3000K

Product Type: 30W
Product Number: 02

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4434$ $y=0.4109$ $u(u')=0.2518$ $v=0.3500$ $v'(v)=0.5250$
 CCT: $T_c=2949K$ ($duv=0.00182$) Color Ratio: $R=0.245$ $G=0.727$ $B=0.027$
 Peak Wavelength: 623.8nm Half Bandwidth: 161.1nm
 Dominant Wavelength: 582.4nm Color Purity: 0.564
 CRI: Ra: Ra= 93.2
 R1 =93 R2 =96 R3 =97 R4 =94 R5 =93 R6 =95 R7 =93 R8 =84
 R9 =63 R10=89 R11=94 R12=79 R13=94 R14=98 R15=89
 Color Quality Scale: Qa= 92.0, Qf= 93.7, Qp= 93.0, Qg= 94.8
 Q1 =90 Q2 =96 Q3 =90 Q4 =89 Q5 =92 Q6 =93 Q7 =93 Q8 =95
 Q9 =98 Q10=95 Q11=94 Q12=94 Q13=94 Q14=88 Q15=89



Photometric Parameters

Luminous Flux: 2256.47 lm Efficiency: 74.87 lm/W Radiant Power: 7.713 W
 EEI: 0.18 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 219.70V Current: 0.1420A Power: 30.14W
 Power Factor: 0.9670 Frequency: 50.00Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 Min
 Max of Signal: 44092 (4226)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 2.00m, 4π
 CCD Integration Time: 620.58 ms

Condition: Tx:29.9°C, Ti:28.8°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2019-04-23 16:19:51
 Inspector: