

Lightsource Test Report

Product Information

Product Category: PLE001
Product Spec:

Product Type: 40W 3000K
Product Number: 01

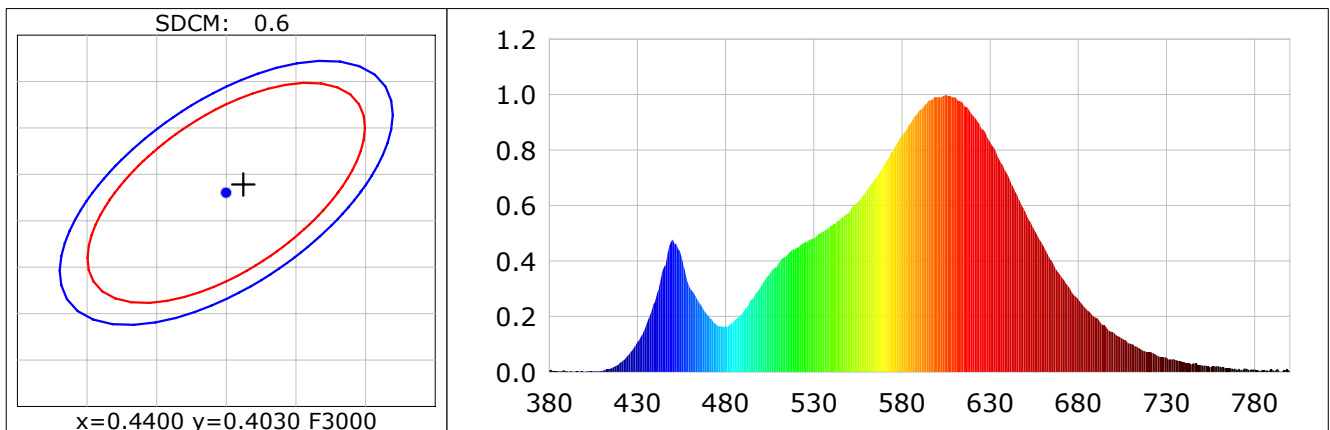
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4412$ $y=0.4039$ $u(u')=0.2534$ $v=0.3480$ $v'(v')=0.5220$
 CCT: $T_c=2928K$ ($duv=-0.00063$) Color Ratio: $R=0.234$ $G=0.742$ $B=0.024$
 Peak Wavelength: 604.9nm Half Bandwidth: 122.6nm
 Dominant Wavelength: 583.4nm Color Purity: 0.537
 CRI: $R_a=82.5$

R1 =81	R2 =91	R3 =96	R4 =81	R5 =82	R6 =90	R7 =81	R8 =58
R9 =5	R10=79	R11=81	R12=75	R13=83	R14=99	R15=73	

 Color Quality Scale: $Q_a=82.3$, $Q_f=83.8$, $Q_p=84.0$, $Q_g=92.0$

Q1 =77	Q2 =95	Q3 =84	Q4 =81	Q5 =84	Q6 =84	Q7 =83	Q8 =86
Q9 =95	Q10=89	Q11=86	Q12=83	Q13=82	Q14=71	Q15=73	



Photometric Parameters

Luminous Flux: 3400.40 lm
EEI: 0.12

Efficiency: 113.22 lm/W
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 13.835 W

Electric Parameters

Voltage: 220.10V
Power Factor: 0.9760

Current: 0.1880A
Frequency: 49.99Hz

Power: 40.41W

BIN: OUT :

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 3 Min
Max of Signal: 43011 (4341)
Condition: $T_x=33.2^{\circ}C$, $T_i=32.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4 π
CCD Integration Time: 319.34 ms
Test Device: Inventfine CMS-3000S
Test Time: 2020-08-10 15:22:29
Inspector: