

Lightsource Test Report

Product Information

Product Type: LED
Product Number: 23

Product Spec: 1521 lm
Manufacturer: PHILIPS

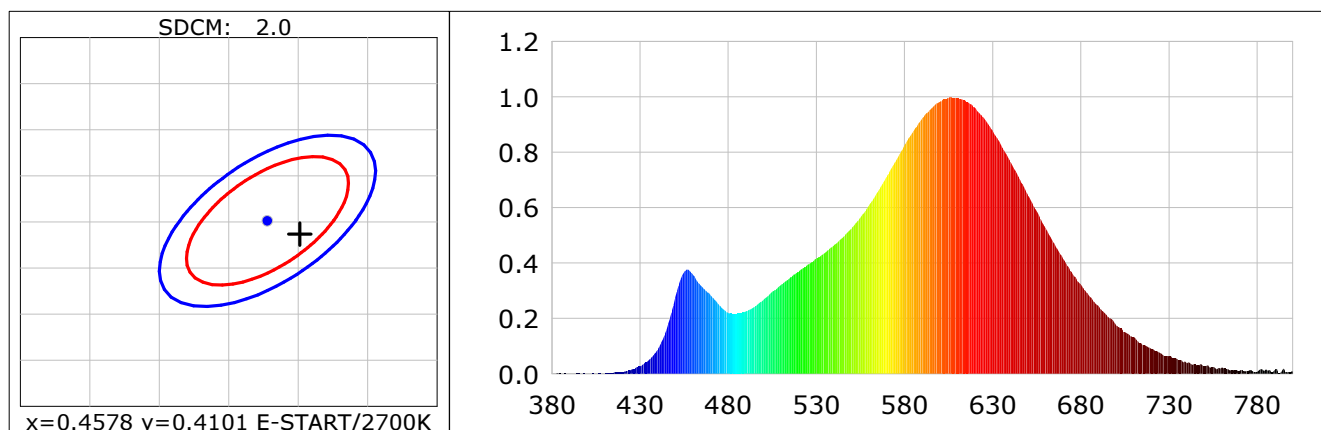
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4601$ $y=0.4087$ $u(u')=0.2635$ $v=0.3511$ $v'=0.5266$
 CCT: $T_c=2681K$ ($duv=-0.00074$) Color Ratio: $R=0.254$ $G=0.720$ $B=0.026$
 Peak Wavelength: 606.1nm Half Bandwidth: 116.2nm
 Dominant Wavelength: 584.5nm Color Purity: 0.608
 CRI: $R_a=82.6$ TM30: $R_f=82$, $R_g=93$

R1 =81	R2 =93	R3 =92	R4 =78	R5 =82	R6 =94	R7 =79	R8 =57
R9 =11	R10=86	R11=78	R12=77	R13=84	R14=96	R15=74	

 Color Quality Scale: $Q_a=82.7$, $Q_f=85.1$, $Q_p=84.1$, $Q_g=89.2$

Q1 =78	Q2 =92	Q3 =87	Q4 =80	Q5 =81	Q6 =82	Q7 =83	Q8 =86
Q9 =93	Q10=92	Q11=87	Q12=84	Q13=82	Q14=73	Q15=75	



Photometric Parameters

Luminous Flux: 1513.90 lm
EEI: 0.12

Efficiency: 111.23 lm/W Radiant Power: 4.741 W
Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 229.60V
Power Factor: 0.5400

Current: 0.1090A
Frequency: 49.99Hz

Power: 13.61W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 45538 (3397)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 378.16 ms

Condition: $T_x=28.8^{\circ}C$, $T_i=27.1^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-08-30 11:14:42
Inspector: