

Lightsource Test Report

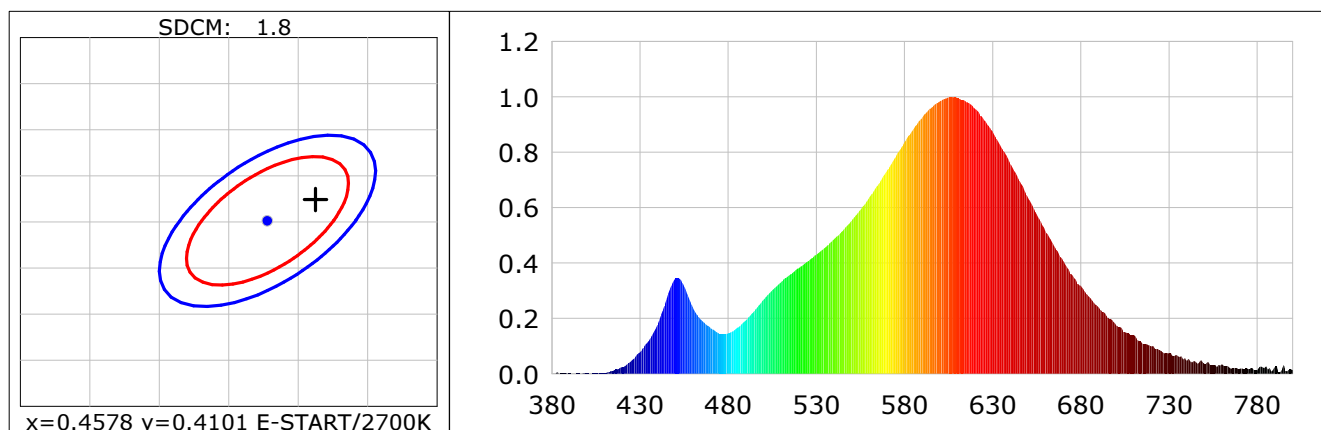
Product Information

Product Type: LED
Product Number: 22

Product Spec: 1055 lm
Manufacturer: VOLTLUX

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4612$ $y=0.4124$ $u(u')=0.2626$ $v=0.3522$ $v'=0.5282$
CCT: $T_c=2695K$ ($duv=0.00055$) Color Ratio: $R=0.250$ $G=0.729$ $B=0.021$
Peak Wavelength: 606.5nm Half Bandwidth: 118.9nm
Dominant Wavelength: 584.1nm Color Purity: 0.622
CRI: $R_a=81.6$ TM30: $R_f=82$, $R_g=96$
 $R1=79$ $R2=90$ $R3=96$ $R4=79$ $R5=79$ $R6=88$ $R7=81$ $R8=57$
 $R9=6$ $R10=78$ $R11=77$ $R12=73$ $R13=81$ $R14=98$ $R15=72$
Color Quality Scale: $Q_a=81.8$, $Q_f=84.2$, $Q_p=83.2$, $Q_g=90.1$
 $Q1=77$ $Q2=94$ $Q3=84$ $Q4=81$ $Q5=82$ $Q6=82$ $Q7=82$ $Q8=85$
 $Q9=94$ $Q10=89$ $Q11=86$ $Q12=83$ $Q13=82$ $Q14=71$ $Q15=73$



Photometric Parameters

Luminous Flux: 1011.93 lm
EEI: 0.13

Efficiency: 99.50 lm/W Radiant Power: 3.133 W
Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 229.40V
Power Factor: 0.9580

Current: 0.0460A
Frequency: 49.99Hz

Power: 10.17W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44029 (3646)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 552.93 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 11:07:22
Inspector: