

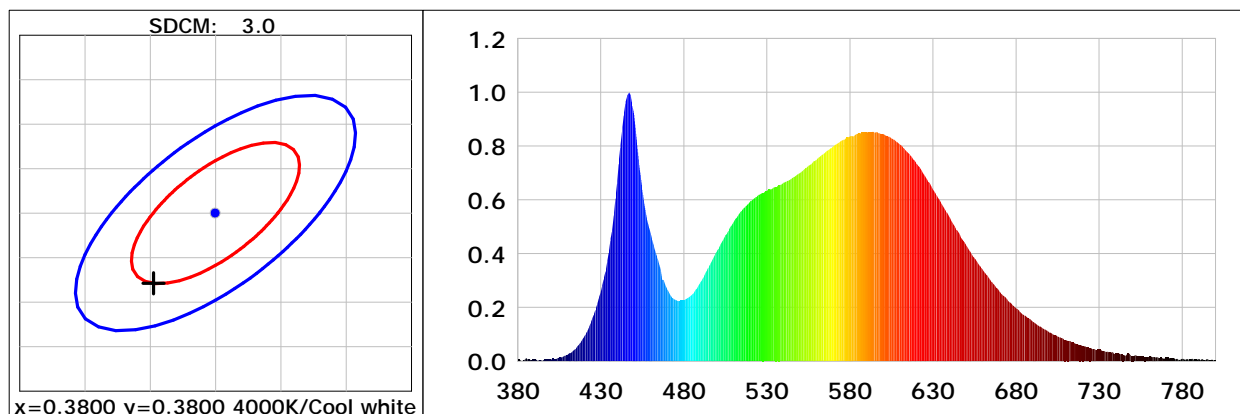
Lightsource Test Report

Product Information

Product Category: Down light 4000K 40W Product Number: 5

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3753$ $y=0.3721$ $u(u')=0.2235$ $v=0.3325$ $v'=0.4988$
CCT: $T_c=4112K$ ($duv=-0.00064$) Color Ratio: $R=0.179$ $G=0.787$ $B=0.034$
Peak Wavelength: 447.1nm Half Bandwidth: 21.7nm
Dominant Wavelength: 579.0nm Color Purity: 0.243
CRI: $R_a=82.0$, $avgR(1\sim14)=75.4$, $avgR(1\sim15)=75.3$ TM30: $R_f=81$, $R_g=97$
 $R1=80$ $R2=87$ $R3=92$ $R4=82$ $R5=81$ $R6=83$ $R7=86$ $R8=65$
 $R9=7$ $R10=69$ $R11=82$ $R12=64$ $R13=82$ $R14=95$ $R15=75$
Color Quality Scale: $Q_a=81.8$, $Q_f=81.6$, $Q_p=82.9$, $Q_g=94.1$
 $Q1=82$ $Q2=98$ $Q3=78$ $Q4=76$ $Q5=82$ $Q6=83$ $Q7=84$ $Q8=89$
 $Q9=97$ $Q10=86$ $Q11=83$ $Q12=82$ $Q13=82$ $Q14=72$ $Q15=75$



Photometric Parameters

Luminous Flux: 3472.76 lm Efficiency: 89.94 lm/W Radiant Power: 10.612 W
EEL: 0.15 Energy Efficiency Class: A+ (EU 874-2012)
Pupil Flux: 5219.69 Plm Pupil Lumens Per Watt: 135.19 Plm/W Pupil Factor (K_p): 1.503

Electric Parameters

Voltage: 218.40V Current: 0.1830A Power: 38.61W
Power Factor: 0.9660 Frequency: 50.00Hz

BIN: OUT

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 6 Sec
Max of Signal: 50314 (3957)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2 π
CCD Integration Time: 601.97 ms

Condition: Tx:28.8°C, Ti:25.3°C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2024-05-14 17:56:12
Inspector: