

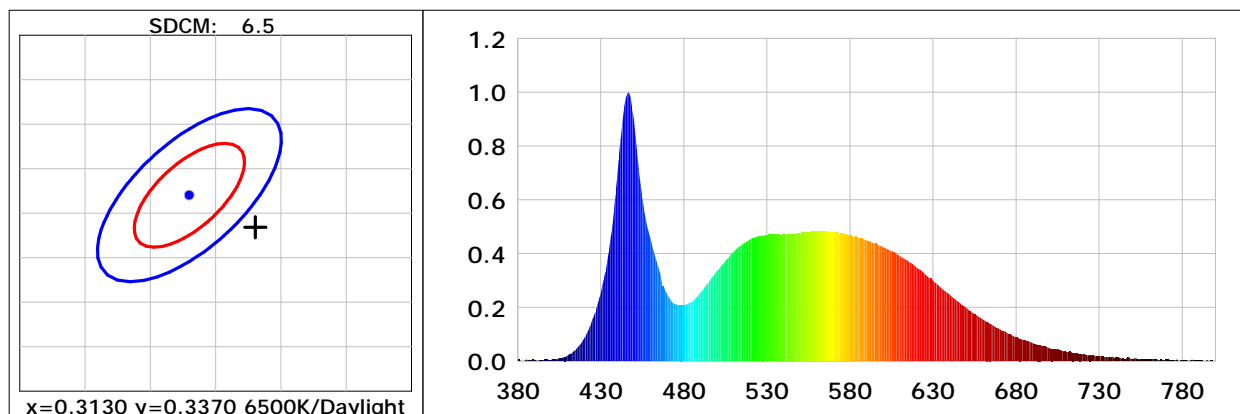
Lightsource Test Report

Product Information

Product Category: Down light 6000K 40W Product Number: 3

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3181$ $y=0.3334$ $u(u')=0.1999$ $v=0.3143$ $v'=0.4715$
CCT: $T_c=6198K$ ($duv=0.00280$) Color Ratio: $R=0.138$ $G=0.813$ $B=0.049$
Peak Wavelength: 446.7nm Half Bandwidth: 21.0nm
Dominant Wavelength: 491.8nm Color Purity: 0.051
CRI: $R_a=82.1$, $avgR(1\sim14)=75.0$, $avgR(1\sim15)=75.1$ TM30: $R_f=80$, $R_g=98$
 $R1=81$ $R2=84$ $R3=87$ $R4=84$ $R5=82$ $R6=80$ $R7=87$ $R8=71$
 $R9=9$ $R10=63$ $R11=84$ $R12=63$ $R13=81$ $R14=93$ $R15=76$
Color Quality Scale: $Q_a=81.5$, $Q_f=80.9$, $Q_p=83.3$, $Q_g=93.9$
 $Q1=86$ $Q2=96$ $Q3=76$ $Q4=74$ $Q5=82$ $Q6=84$ $Q7=86$ $Q8=91$
 $Q9=94$ $Q10=83$ $Q11=80$ $Q12=80$ $Q13=81$ $Q14=71$ $Q15=77$



Photometric Parameters

Luminous Flux: 3404.18 lm Efficiency: 90.37 lm/W Radiant Power: 10.996 W
EEL: 0.15 Energy Efficiency Class: A+ (EU 874-2012)
Pupil Flux: 6171.61 Plm Pupil Lumens Per Watt: 163.83 Plm/W Pupil Factor (K_p): 1.813

Electric Parameters

Voltage: 218.40V Current: 0.1790A Power: 37.67W
Power Factor: 0.9640 Frequency: 49.99Hz

BIN: OUT

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 6 Sec
Max of Signal: 45182 (3720)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2 π
CCD Integration Time: 353.03 ms

Condition: $T_x=28.8^\circ C$, $T_i=25.2^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2024-05-14 17:53:30
Inspector: