

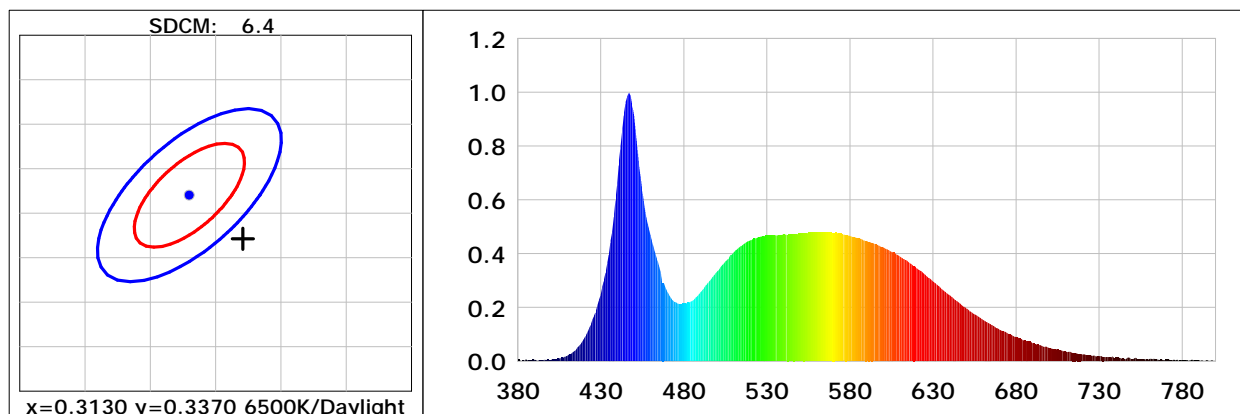
Lightsource Test Report

Product Information

Product Category: Down light 6000K 40W Product Number: 0

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3171$ $y=0.3321$ $u(u')=0.1997$ $v=0.3137$ $v'=0.4706$
CCT: $T_c=6254K$ ($duv=0.00260$) Color Ratio: $R=0.137$ $G=0.812$ $B=0.050$
Peak Wavelength: 447.1nm Half Bandwidth: 21.4nm
Dominant Wavelength: 490.8nm Color Purity: 0.056
CRI: $R_a=82.3$, $avgR(1\sim14)=75.3$, $avgR(1\sim15)=75.4$ TM30: $R_f=80$, $R_g=97$
 $R1=81$ $R2=85$ $R3=87$ $R4=84$ $R5=83$ $R6=80$ $R7=87$ $R8=72$
 $R9=10$ $R10=64$ $R11=84$ $R12=63$ $R13=82$ $R14=93$ $R15=77$
Color Quality Scale: $Q_a=81.6$, $Q_f=81.0$, $Q_p=83.3$, $Q_g=93.8$
 $Q1=86$ $Q2=96$ $Q3=76$ $Q4=74$ $Q5=82$ $Q6=84$ $Q7=87$ $Q8=91$
 $Q9=94$ $Q10=83$ $Q11=80$ $Q12=80$ $Q13=81$ $Q14=72$ $Q15=77$



Photometric Parameters

Luminous Flux: 3398.02 lm Efficiency: 89.59 lm/W Radiant Power: 11.007 W
EEL: 0.15 Energy Efficiency Class: A+ (EU 874-2012)
Pupil Flux: 6189.62 Plm Pupil Lumens Per Watt: 163.19 Plm/W Pupil Factor (K_p): 1.822

Electric Parameters

Voltage: 218.40V Current: 0.1800A Power: 37.93W
Power Factor: 0.9660 Frequency: 49.99Hz

BIN: OUT

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 20 Sec
Max of Signal: 45332 (3724)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2 π
CCD Integration Time: 353.14 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 17:49:53
Inspector: