

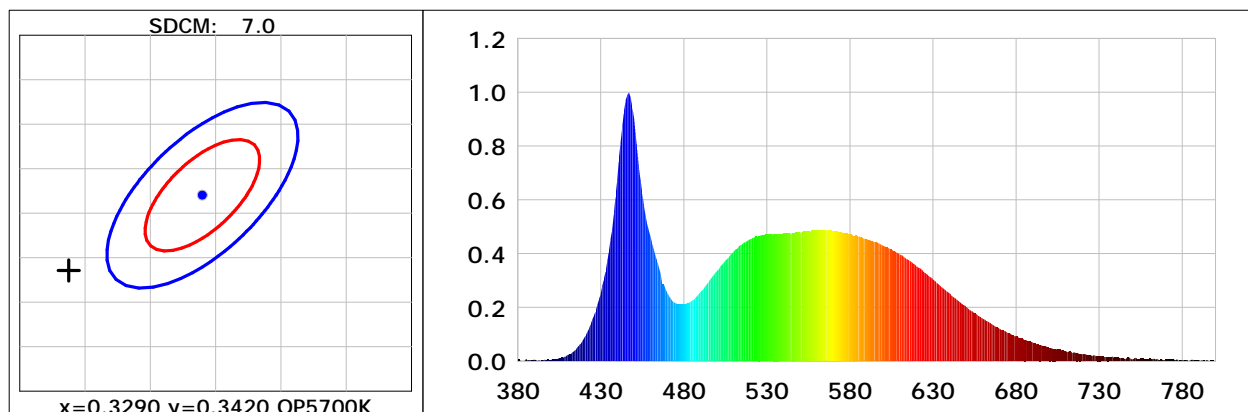
Lightsource Test Report

Product Infomation

Product Category: Down light 6000K 40W Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3188$ $y=0.3335$ $u(u')=0.2003$ $v=0.3144$ $v'=0.4716$
CCT: $T_c=6162K$ ($duv=0.00252$) Color Ratio: $R=0.139$ $G=0.812$ $B=0.050$
Peak Wavelength: 446.9nm Half Bandwidth: 21.2nm
Dominant Wavelength: 491.9nm Color Purity: 0.049
CRI: $R_a=82.3$, $avgR(1\sim14)=75.3$, $avgR(1\sim15)=75.4$ TM30: $R_f=80$, $R_g=98$
 $R1=81$ $R2=85$ $R3=87$ $R4=84$ $R5=83$ $R6=80$ $R7=87$ $R8=72$
 $R9=10$ $R10=64$ $R11=84$ $R12=63$ $R13=82$ $R14=93$ $R15=77$
Color Quality Scale: $Q_a=81.6$, $Q_f=81.0$, $Q_p=83.4$, $Q_g=94.0$
 $Q1=86$ $Q2=96$ $Q3=76$ $Q4=74$ $Q5=82$ $Q6=84$ $Q7=87$ $Q8=91$
 $Q9=94$ $Q10=83$ $Q11=80$ $Q12=80$ $Q13=81$ $Q14=72$ $Q15=77$



Photometric Parameters

Luminous Flux: 3205.49 lm Efficiency: 84.71 lm/W Radiant Power: 10.363 W
EEL: 0.16 Energy Efficiency Class: A+ (EU 874-2012)
Pupil Flux: 5803.78 Plm Pupil Lumens Per Watt: 153.38 Plm/W Pupil Factor (Kp): 1.811

Electric Parameters

Voltage: 218.40V Current: 0.1790A Power: 37.84W
Power Factor: 0.9660 Frequency: 49.99Hz

BIN: OUT

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 5 Sec
Max of Signal: 44671 (3741)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2 π
CCD Integration Time: 373.39 ms

Condition: Tx:28.8°C, Ti:25.1°C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2024-05-14 17:52:05
Inspector: