

LED Test Report

Product Information

Product Spec: PPI DOWN LIGHT 7W

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2854$ $y=0.2974$ $u(u')=0.1904$ $v=0.2975$ $v'=0.4462$

CCT: $T_c=6730K$ ($duv=0.00183$)

Color Ratio: $R=0.106$ $G=0.845$ $B=0.049$

Peak Wavelength: 447.9nm

Half Bandwidth: 20.4nm

Dominant Wavelength: 481.3nm

Color Purity: 0.194

CRI: $R_a=73.9$, $avgR(1\sim14)=63.9$, $avgR(1\sim15)=64.6$

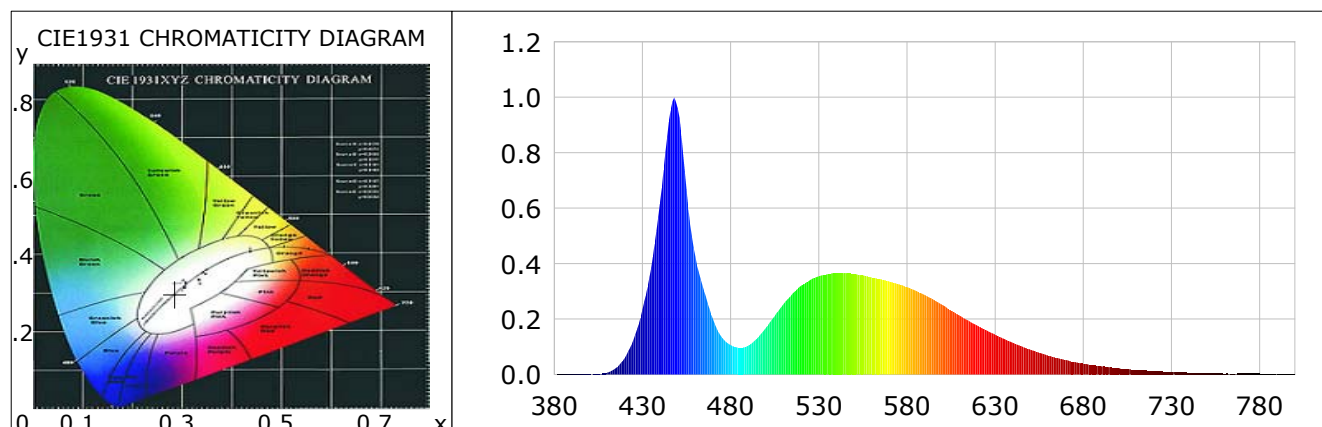
$R1=76$ $R2=73$ $R3=66$ $R4=81$ $R5=77$ $R6=64$ $R7=82$ $R8=74$

$R9=0$ $R10=31$ $R11=81$ $R12=37$ $R13=73$ $R14=81$ $R15=75$

Color Quality Scale: $Q_a=72.1$, $Q_f=70.0$, $Q_p=77.7$, $Q_g=89.5$

$Q1=87$ $Q2=94$ $Q3=67$ $Q4=54$ $Q5=67$ $Q6=74$ $Q7=83$ $Q8=90$

$Q9=87$ $Q10=72$ $Q11=64$ $Q12=67$ $Q13=71$ $Q14=65$ $Q15=75$



Photometric Parameters

Luminous Flux: 632.4lm

Efficiency: 93 lm/W

Radiant Power: 8.923 W

EEI: 0.09

Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 220.20V

Current: 0.08A

Power: 6.8 W

Power Factor: 0.5120

Frequency: 49.99Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 10 Sec

Max of Signal: 46085 (2601)

Condition: $T_x=27.3^{\circ}C$, $T_l=26.9^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.00m, 4 π

CCD Integration Time: 65.53 ms

Test Device: Inventive CMS-2S (Plus)

Test Time: 2022-09-02 17:01:00

Inspector: