LED Test Report

Product Infomation

Product Spec: PPI SURFACE PANEL 15-18W

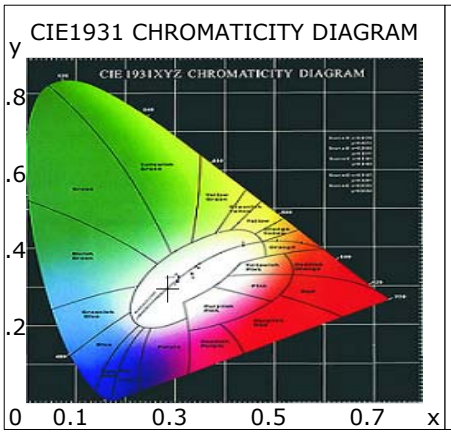
CIE Colorimetric Parameters

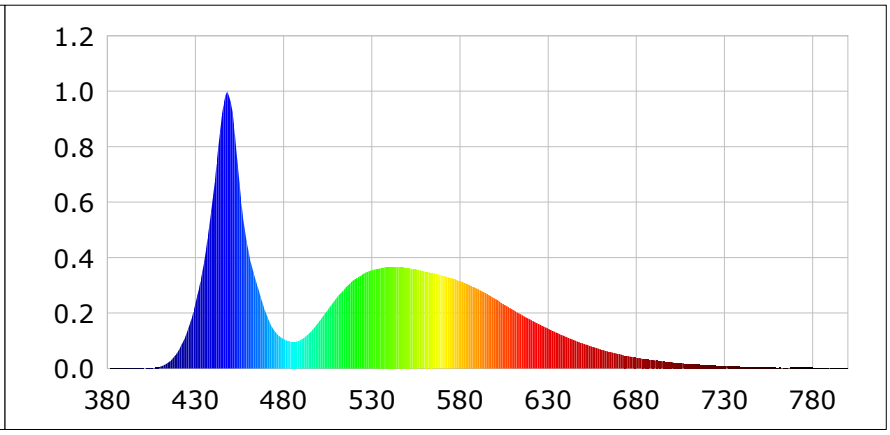
Chromaticity coordinates: x=0.2854 y=0.2974 u(u')=0.1904 v=0.2975 v'=0.4462
CCT: Tc=6790K (duv=0.00183) Color Ratio: R=0.106 G=0.845 B=0.049
Peak Wavelength: 447.9nm Half Bandwidth: 20.4nm
Dominant Wavelength: 481.3nm Color Purity: 0.194
CRI: Ra: Ra= 73.9, avgR(1~14)= 63.9, avgR(1~15)= 64.6

R1 =77	R2 =74	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: Qa= 72.1, Qf= 70.0, Qp= 77.7, Qg= 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: 1579.2 lm Efficiency: 94lm/W Radiant Power: 8.923 W
EEI: 0.09 Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 220.20V Current: 0.1570A Power: 16.8W
Power Factor: 0.5260 Frequency: 49.99Hz

BIN: OUT :

Test Infomation
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 10 Sec Photometric Condition: Sphere diameter: 1.00m, 4π
Max of Signal: 46085 (2601) CCD Integration Time: 65.53 ms

Condition: Tx:27.3°C, Ti:26.9°C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2022-09-02 19:45:00
Operator: Inspector: