LED Test Report

Product Infomation

Product Spec: PPI ICE PANEL 15W

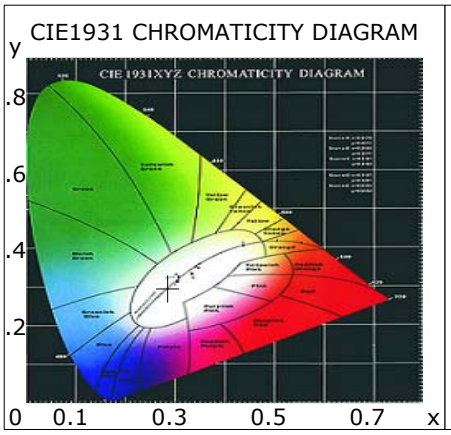
CIE Colorimetric Parameters

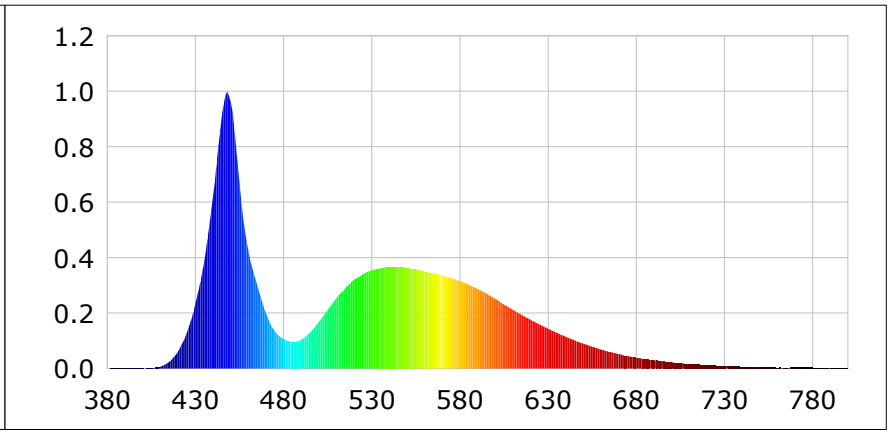
Chromaticity coordinates: x=0.2854 y=0.2974 u(u')=0.1904 v=0.2975 v'=0.4462
CCT: Tc=6780K (duv=0.00183) Color Ratio: R=0.106 G=0.845 B=0.049
Peak Wavelength: 447.9nm Half Bandwidth: 20.4nm
Dominant Wavelength: 481.3nm Color Purity: 0.194
CRI: Ra: Ra= 73.9, avgR(1~14)= 63.9, avgR(1~15)= 64.6

R1 =75	R2 =73	R3 =67	R4 =82	R5 79	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 =88	Q2 =93	Q3 =67	Q4 =54	Q5 =67	Q6 =74	Q7 =84	Q8 =90
Q9 =87	Q10=72	Q11=64	Q12=67	Q13=72	Q14=65	Q15=75	





Photometric Parameters

Luminous Flux: 1501 lm Efficiency: 95 lm/W Radiant Power: 8.923 W
EEI: 0.09 Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 224.20V Current: 0.1470A Power: 15.8W
Power Factor: 0.5360 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 18:59:00
Operator: Inspector: