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Lightsource Test Report

Product Infomation

Product Category: 1403.04.25
Product Type: AC 16watt.s1
Product Spec: WH
Product Number: 2

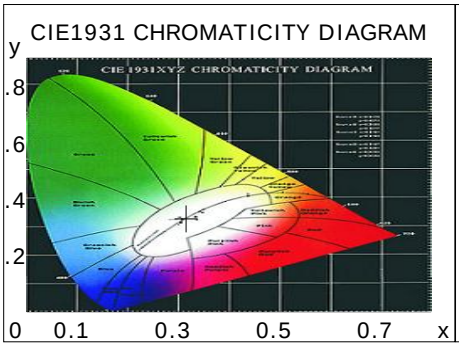
CIE Colorimetric Parameters

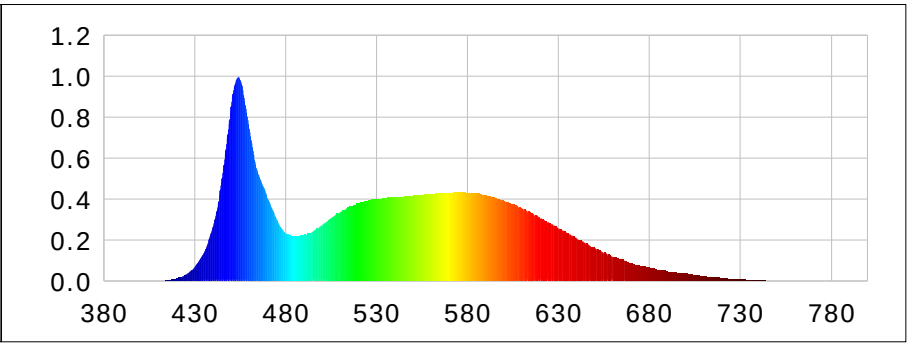
Chromaticity coordinates: x=0.3162 y=0.3300 u(u')=0.1999 v=0.3129 v'=0.4694
CCT: Tc=6310K (duv=0.00196)
Color Ratio: R=0.138 G=0.804 B=0.058
Peak Wavelength: 454.0nm
Half Bandwidth: 21.2nm
Dominant Wavelength: 489.2nm
Color Purity: 0.060
CRI: Ra= 83.6
TM30: Rf= 82, Rg= 93
GAI: GAI_BB_8=90.2, GAI_BB_15=96.0, GAI_EES=87.2

R1 =82	R2 =90	R3 =93	R4 =81	R5 =82	R6 =84	R7 =87	R8 =68
R9 =8	R10=75	R11=80	R12=56	R13=85	R14=97	R15=78	

Color Quality Scale: Qa= 80.2, Qf= 80.3, Qp= 80.2, Qg= 90.6

Q1 =82	Q2 =98	Q3 =78	Q4 =69	Q5 =75	Q6 =79	Q7 =85	Q8 =89
Q9 =97	Q10=88	Q11=82	Q12=81	Q13=81	Q14=71	Q15=75	





Photometric Parameters

Luminous Flux: 911.00 lm
Efficiency: 54.78 lm/W
Radiant Power: 2.898 W
EEI: 0.23
Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 231.00V
Current: 0.1280A
Power: 16.63W
Power Factor: 0.5640
Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec ALC.: 1.0000
Photometric Condition: Sphere diameter: 1.00m, 4PI
Max of Signal: 45812 (2493)
CCD Integration Time: 118.54 ms

Condition: Tx:27.7'C, Ti:27.4'C, R.H.:60%
Test Device: Inventfine CMS-2S (Plus)
Test Lab: visena electric co
Test Time: 2024-07-15 08:13:42
Operator: sepanta pouresmaeil
Inspector: