

Lightsource Test Report

Product Information

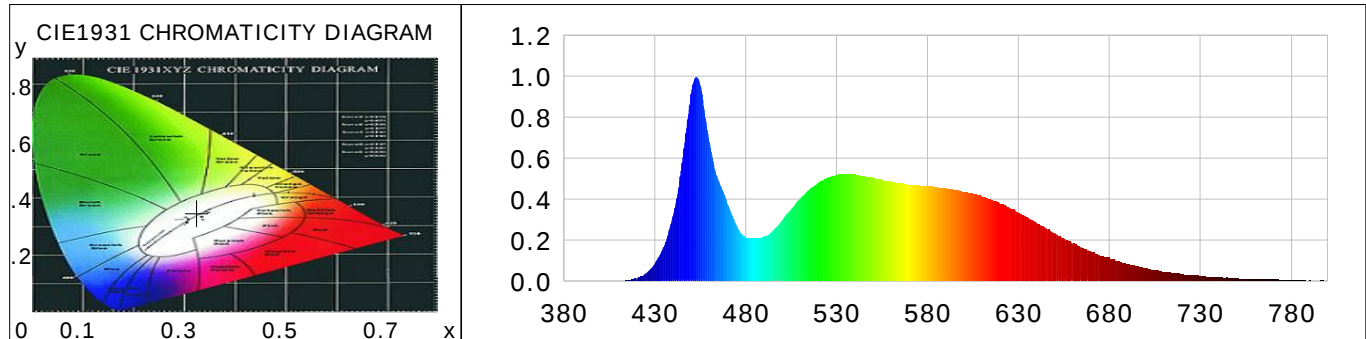
Product Category: 1403.07.01
Product Spec: s1.wh

Product Type: full light.36watt
Product Number: 19

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3247$ $y=0.3484$ $u(u')=0.1989$ $v=0.3200$ $v'=0.4801$
CCT: $T_c=5836K$ ($duv=0.00718$) Color Ratio: $R=0.143$ $G=0.808$ $B=0.049$
Peak Wavelength: 453.0nm Half Bandwidth: 21.2nm
Dominant Wavelength: 517.0nm Color Purity: 0.031
CRI: $R_a=84.1$ TM30: $R_f=84$, $R_g=95$
GAI: $GAI_BB_8=90.1$, $GAI_BB_15=96.3$, $GAI_EES=84.9$

R1 =83	R2 =87	R3 =90	R4 =84	R5 =82	R6 =82	R7 =91	R8 =74
R9 =20	R10=69	R11=82	R12=53	R13=84	R14=94	R15=79	
Color Quality Scale: $Q_a=83.5$, $Q_f=83.4$, $Q_p=83.7$, $Q_g=92.9$							
Q1 =86	Q2 =99	Q3 =78	Q4 =74	Q5 =80	Q6 =83	Q7 =86	Q8 =91
Q9 =96	Q10=87	Q11=85	Q12=86	Q13=87	Q14=76	Q15=80	



Photometric Parameters

Luminous Flux: 2681.9 lm Efficiency: 73.62 lm/W Radiant Power: 8.474 W
EEI: 0.19 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 231.00V Current: 0.3350A Power: 36.43W
Power Factor: 0.4700 Frequency: 49.99Hz

Test Information

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: 46086 (2346) CCD Integration Time: 46.96 ms

Condition: Tx:26.4'C, Ti:25.7'C, R.H.:60%
Test Lab: visena electric co
Operator: sepanta pouresmail

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2024-09-22 12:25:47
Inspector: