



Spectral test report for lamp

Product type :
Product No. : B1219-4W-B-270
Manufacturer :

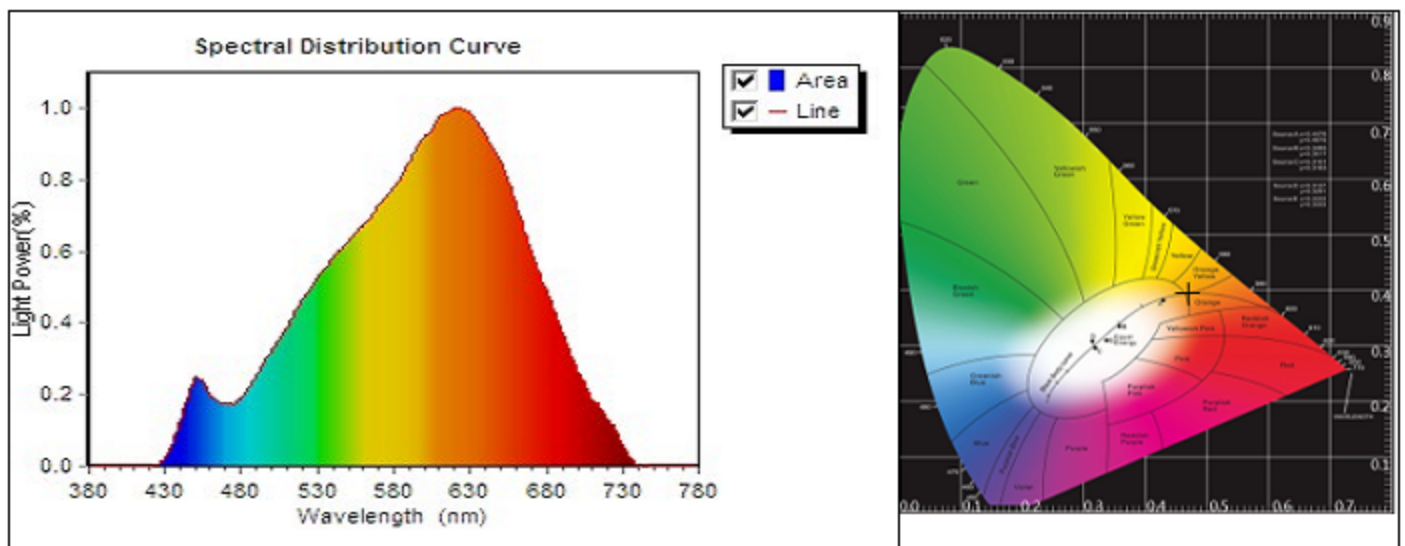
Test date. : 2024-02-22
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

Temperature : 25.0Deg C
Test range : 380nm-780nm

Humidity : 65%
Peak AD. : 51211 (78.1%)
Integral time. : 1049ms

Spectral Parameter



1â€¦x-0²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4634$ $y=0.4299$ $u=0.2563$ $v=0.3567$ ($duv=0.0067$)

Color temperature: $TC=2797$ K Color difference: $SDCM=5.0$ Main Wavelength: $\lambda_d=572.05$ nm Purity: $Purity=0.215$

Peak wavelength: $\lambda_p=621.7$ nm FWHM: $\lambda_p=152.8$ nm Color ratio: $R=26.60\%$ $G=71.40\%$ $B=2.00\%$

Color rendering index (Ra): $Ra=90$

$R1=89.2$ $R2=92.7$ $R3=95.7$ $R4=90.2$ $R5=88.0$ $R6=91.3$ $R7=93.3$ $R8=78.9$

$R9=49.3$ $R10=82.4$ $R11=89.8$ $R12=74.3$ $R13=90.1$ $R14=96.8$ $R15=83.9$

Optical Parameter

Luminous flux: 267.154 lm luminous efficiency: 47.71 lm/w Radiant flux: 0.8643 W

Electrical Parameter

Voltage: 240.6 V Current: 0.046 A Wate: 5.60 W Power factor: 0.505

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