



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1227-6W-B-270
Manufacturer : bled

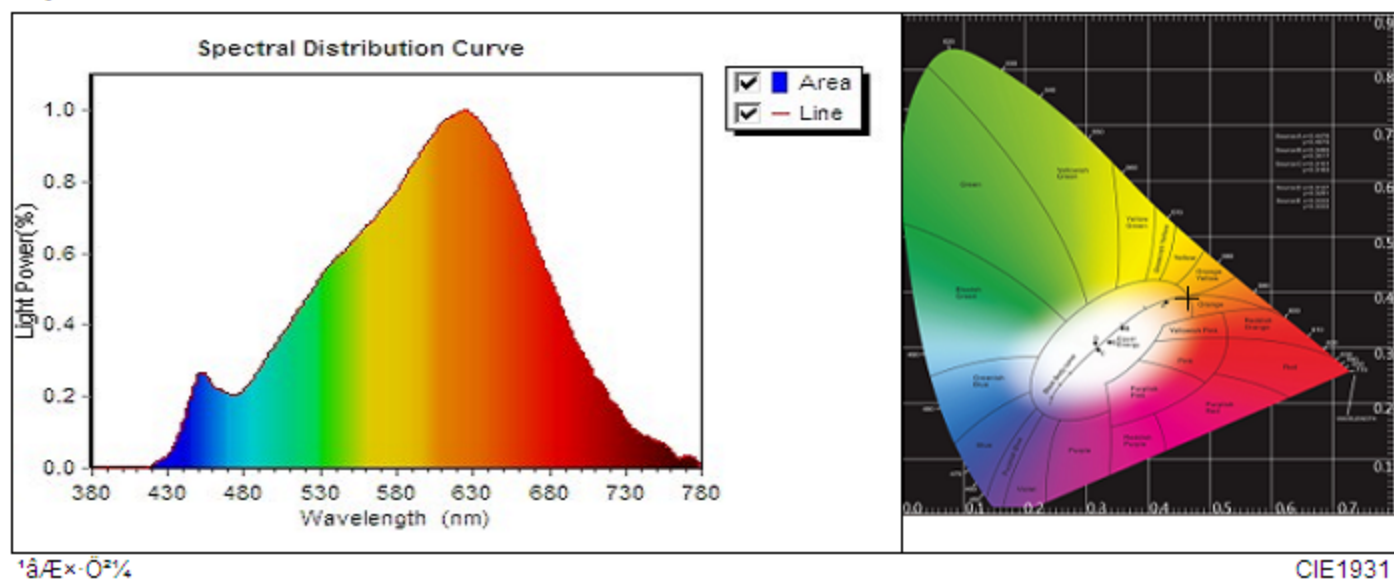
Test date. : 2024-03-11
Test equipment : SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 45094 (68.8%)
Integral time. : 783ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4576$ $y=0.4252$ $u=0.2547$ $v=0.3550$ ($duv=0.0056$)
Color temperature: $TC=2843$ K Color difference: $SDCM=5.5$ Main Wavelength: $\lambda_d=569$ nm Purity: $Purity=0.139$
Peak wavelength: $\lambda_p=624.6$ nm FWHM: $\Delta\lambda_p=159.0$ nm Color ratio: $R=26.45\%$ $G=71.34\%$ $B=2.21\%$

Color rendering index (Ra): $Ra=91.5$

$R1=91.0$ $R2=94.1$ $R3=96.7$ $R4=91.5$ $R5=90.0$ $R6=93.3$ $R7=93.6$ $R8=81.3$
 $R9=55.6$ $R10=85.7$ $R11=91.6$ $R12=77.9$ $R13=91.9$ $R14=97.4$ $R15=86.1$

Optical Parameter

Luminous flux: 349.15 lm Luminous efficiency: 58.19 lm/w Radiant flux: 1.1882 W

Electrical Parameter

Voltage: 240.6 V Current: 0.046 A Watts: 6.00 W Power factor: 0.529

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>