



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Panel
Product No. : B1279-200-CCT 25W (WW)
Manufacturer : BLED

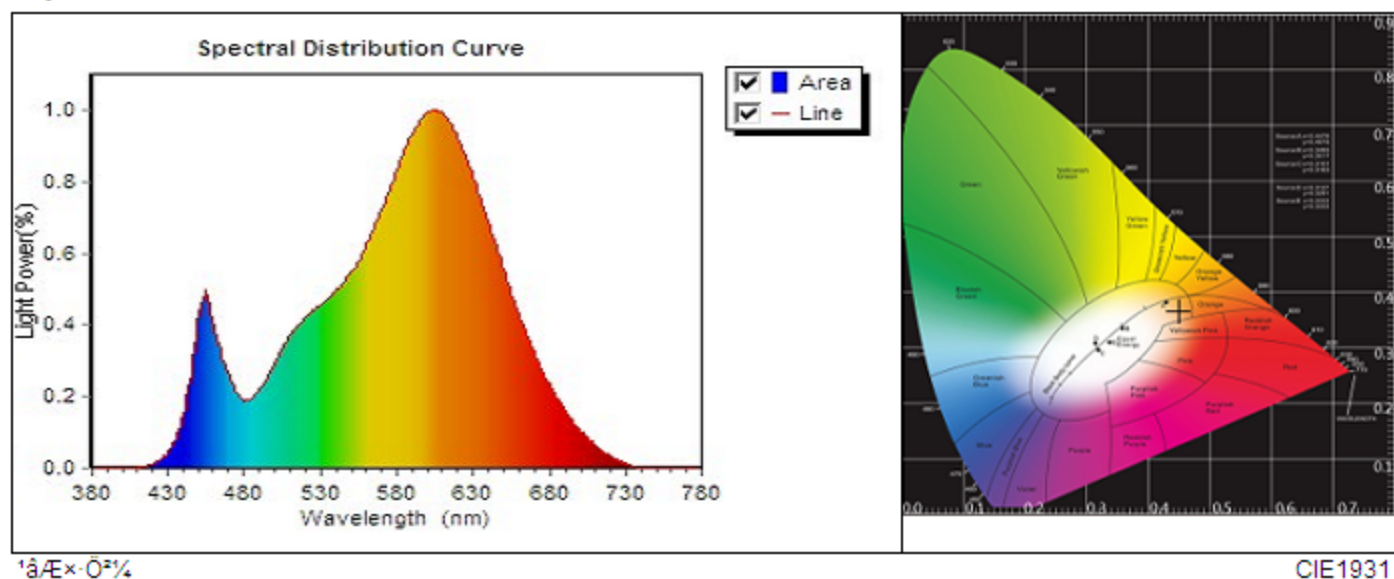
Test date. : 2025-01-02
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 39913 (60.9%)
Integral time. : 92ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4442$ $y=0.4027$ $u=0.2558$ $v=0.3480$ ($duv=-0.0015$)
Color temperature: $TC=2871$ K Color difference: $SDCM=2.7$ Main Wavelength: $\lambda_d=468.1$ nm Purity: $Purity=0.012$
Peak wavelength: $\lambda_p=604.5$ nm FWHM: $\Delta\lambda_p=113.0$ nm Color ratio: $R=25.88\%$ $G=71.78\%$ $B=2.34\%$

Color rendering index (Ra): $Ra=82.4$

$R1=81.7$ $R2=93.1$ $R3=93.5$ $R4=79.9$ $R5=82.3$ $R6=92.3$ $R7=80.0$ $R8=55.7$
 $R9=3.6$ $R10=84.5$ $R11=80.2$ $R12=74.8$ $R13=85.5$ $R14=97.3$ $R15=73.2$

Optical Parameter

Luminous flux: 2403.375 lm luminous efficiency: 97.3 lm/w Radiant flux: 7.135 W

Electrical Parameter

Voltage: 230.5 V Current: 0.110 A Watts: 24.70 W Power factor: 0.969

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