



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Panel
Product No. : B1279-200-CCT 30W (WW)
Manufacturer : BLED

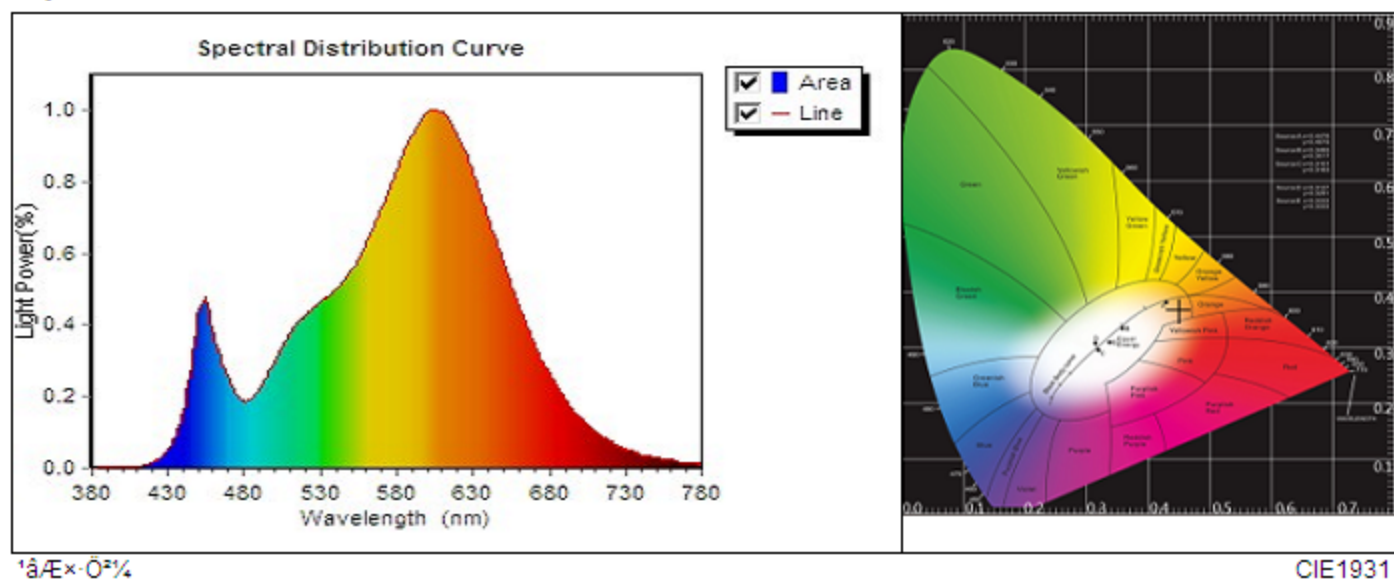
Test date. : 2025-01-02
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 57644 (88.0%)
Integral time. : 117ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4445$ $y=0.4035$ $u=0.2557$ $v=0.3482$ ($duv=-0.0012$)
Color temperature: $TC=2872$ K Color difference: $SDCM=2.7$ Main Wavelength: $\lambda_d=471.05$ nm Purity: $Purity=0.011$
Peak wavelength: $\lambda_p=604.3$ nm FWHM: $\lambda_p=116.0$ nm Color ratio: $R=25.90\%$ $G=71.79\%$ $B=2.31\%$

Color rendering index (Ra): $Ra=83$

$R1=82.2$ $R2=93.0$ $R3=94.2$ $R4=80.9$ $R5=82.8$ $R6=92.2$ $R7=80.9$ $R8=57.3$
 $R9=6.8$ $R10=84.3$ $R11=81.2$ $R12=75.5$ $R13=85.8$ $R14=97.6$ $R15=74.0$

Optical Parameter

Luminous flux: 2881.234 lm luminous efficiency: 95.41 lm/w Radiant flux: 8.7977 W

Electrical Parameter

Voltage: 230.6 V Current: 0.133 A Watts: 30.20 W Power factor: 0.978

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