



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Panel
Product No. : B1279-150-CCT 10W (WW)
Manufacturer : BLED

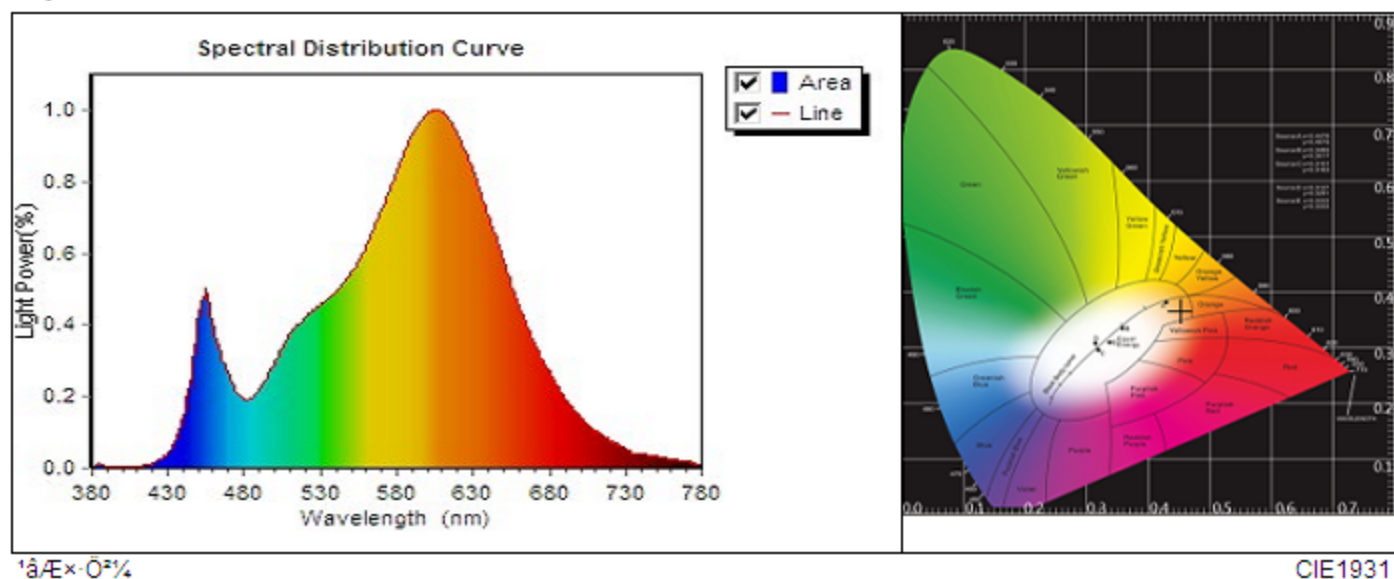
Test date. : 2025-01-02
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51174 (78.1%)
Integral time. : 303ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4454$ $y=0.4027$ $u=0.2567$ $v=0.3481$ ($duv=-0.0016$)
Color temperature: $TC=2851$ K Color difference: $SDCM=3.5$ Main Wavelength: $\lambda_d=567.97$ nm Purity: $Purity=0.032$
Peak wavelength: $\lambda_p=605.9$ nm FWHM: $\Delta\lambda_p=114.6$ nm Color ratio: $R=26.10\%$ $G=71.55\%$ $B=2.35\%$

Color rendering index (Ra): $Ra=83.1$

$R1=82.5$ $R2=93.5$ $R3=93.5$ $R4=80.8$ $R5=83.2$ $R6=92.9$ $R7=80.5$ $R8=57.3$
 $R9=7.7$ $R10=85.6$ $R11=81.2$ $R12=76.0$ $R13=86.2$ $R14=97.2$ $R15=74.4$

Optical Parameter

Luminous flux: 957.06 lm Luminous efficiency: 96.67 lm/w Radiant flux: 2.9369 W

Electrical Parameter

Voltage: 230.5 V Current: 0.049 A Watts: 9.90 W Power factor: 0.876

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