



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Panel
Product No. : B1279-200-CCT 20W (CW)
Manufacturer : BLED

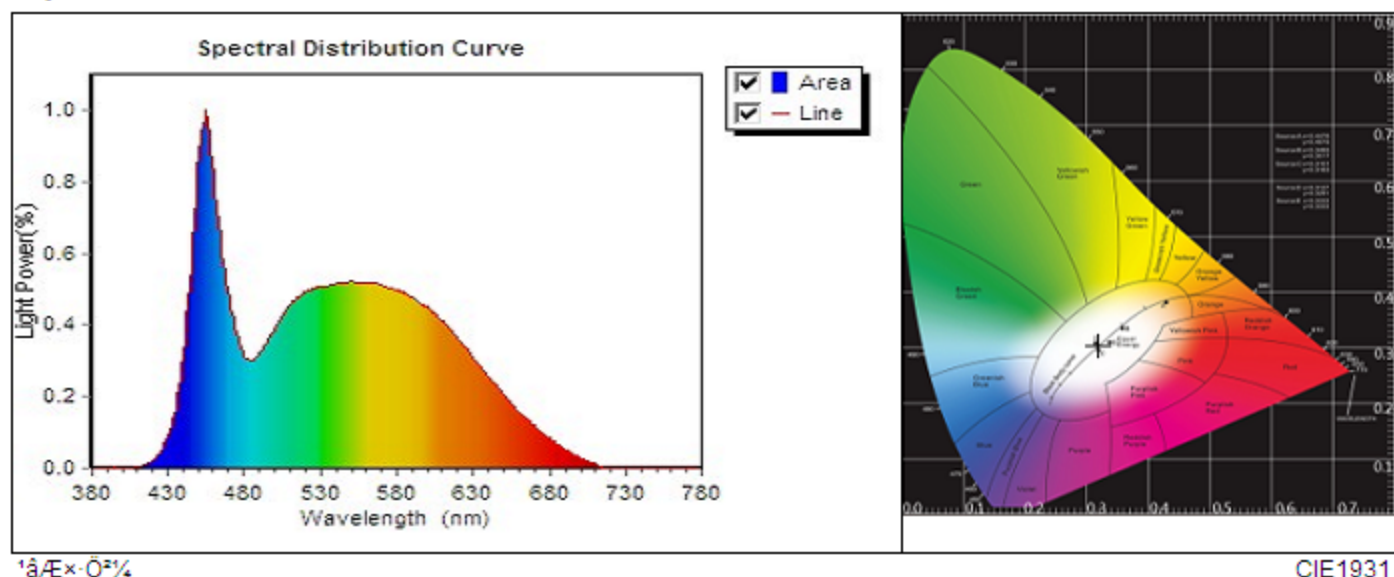
Test date. : 2025-01-02
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 43129 (65.8%)
Integral time. : 92ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3155$ $y=0.3452$ $u=0.1938$ $v=0.3181$ ($duv=0.0099$)
Color temperature: $TC=6262$ K Color difference: $SDCM=4.4$ Main Wavelength: $\lambda_d=484.08$ nm Purity: $Purity=0.335$
Peak wavelength: $\lambda_p=454.4$ nm FWHM: $\Delta\lambda_p=25.2$ nm Color ratio: $R=14.35\%$ $G=80.23\%$ $B=5.42\%$

Color rendering index (Ra): $Ra=82.9$

$R1=79.9$ $R2=89.3$ $R3=94.4$ $R4=79.4$ $R5=80.2$ $R6=84.6$ $R7=87.7$ $R8=67.0$
 $R9=1.9$ $R10=74.6$ $R11=78.6$ $R12=56.7$ $R13=83.8$ $R14=97.2$ $R15=73.8$

Optical Parameter

Luminous flux: 2030.08 lm luminous efficiency: 101.5 lm/w Radiant flux: 6.304 W

Electrical Parameter

Voltage: 230.6 V Current: 0.091 A Watts: 20.00 W Power factor: 0.944

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