



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

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

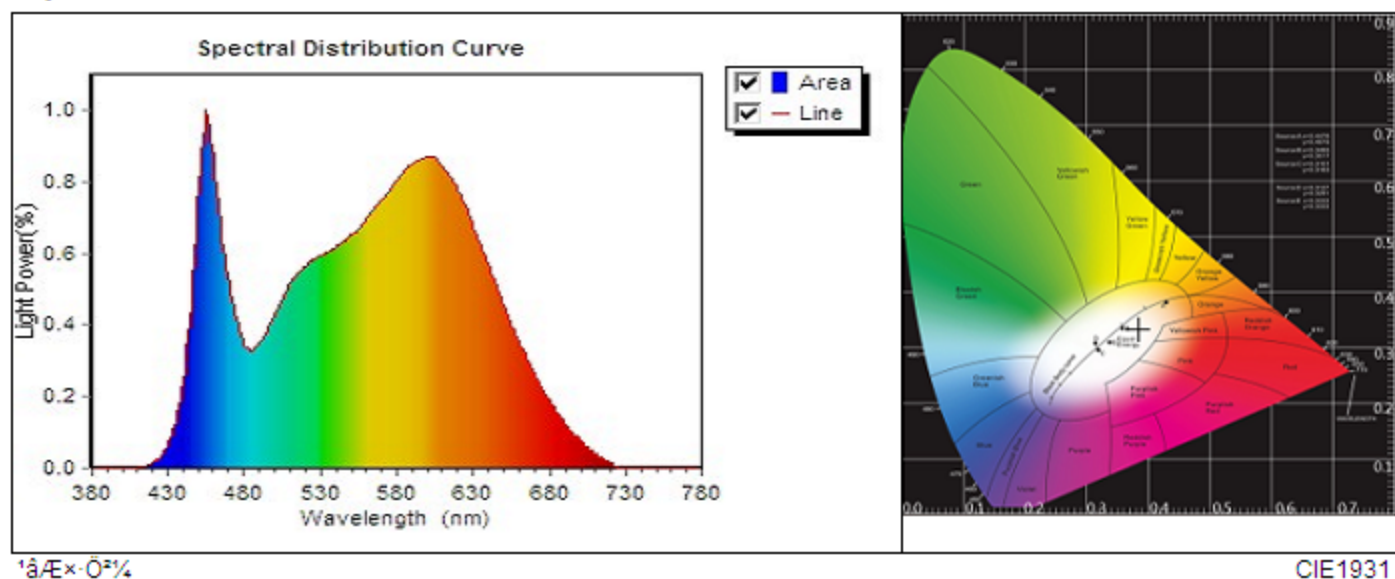
Test date. : 2025-01-02
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 30720 (46.9%)
Integral time. : 92ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3797$ $y=0.3727$ $u=0.2263$ $v=0.3331$ ($duv=-0.0017$)
Color temperature: $TC=3990$ K Color difference: $SDCM=3.6$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.175$
Peak wavelength: $\lambda_p=455.6$ nm FWHM: $\Delta\lambda_p=25.3$ nm Color ratio: $R=20.75\%$ $G=75.30\%$ $B=3.95\%$

Color rendering index (Ra): $Ra=86.7$

$R1=87.1$ $R2=95.5$ $R3=95.4$ $R4=84.1$ $R5=86.6$ $R6=91.8$ $R7=85.0$ $R8=67.9$
 $R9=23.3$ $R10=88.1$ $R11=84.6$ $R12=66.4$ $R13=90.5$ $R14=98.5$ $R15=81.2$

Optical Parameter

Luminous flux: 2036.548 lm Luminous efficiency: 108.33 lm/w Radiant flux: 6.1967 W

Electrical Parameter

Voltage: 230.5 V Current: 0.087 A Watts: 18.80 W Power factor: 0.932

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