



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. : B1279-150-CCT 20W (NW)
Manufacturer : BLED

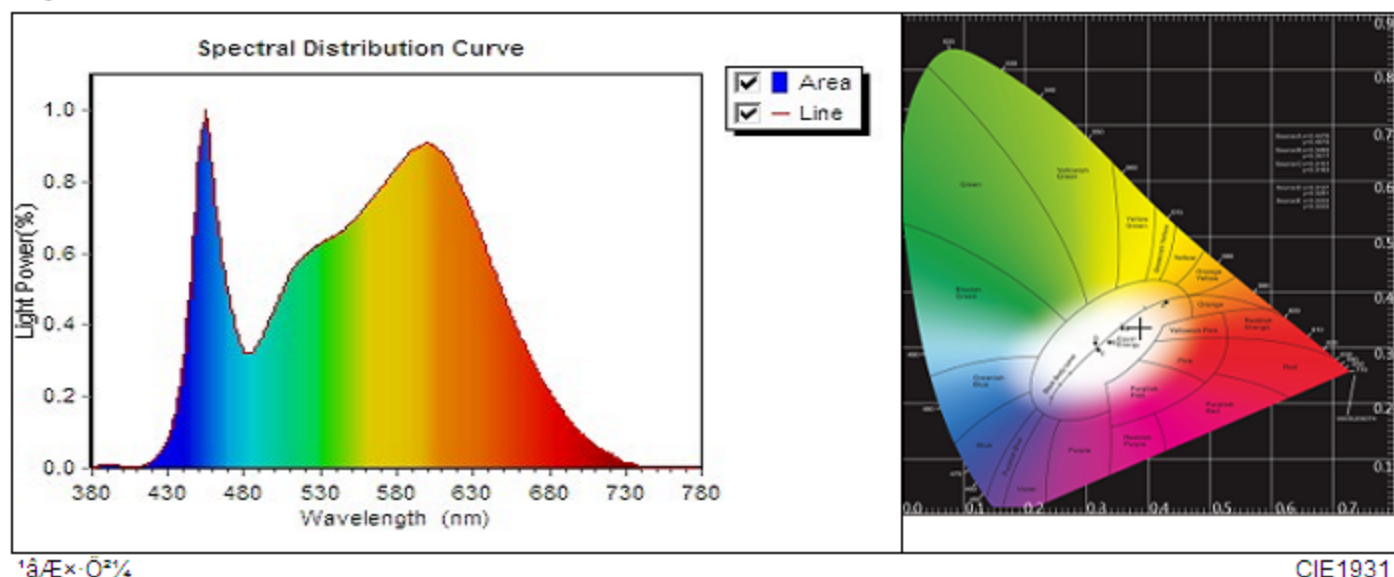
Test date. : 2025-01-02
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 36449 (55.6%)
Integral time. : 114ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3811$ $y=0.3748$ $u=0.2263$ $v=0.3339$ ($duv=-0.0011$)
Color temperature: $TC=3968$ K Color difference: $SDCM=3.1$ Main Wavelength: $\lambda_d=484.02$ nm Purity: $Purity=0.17$
Peak wavelength: $\lambda_p=454.3$ nm FWHM: $\Delta\lambda_p=24.8$ nm Color ratio: $R=20.69\%$ $G=75.58\%$ $B=3.73\%$

Color rendering index (Ra): $Ra=86.6$

$R1=86.3$ $R2=94.1$ $R3=96.3$ $R4=84.7$ $R5=86.1$ $R6=90.7$ $R7=86.0$ $R8=68.1$
 $R9=22.1$ $R10=85.1$ $R11=85.0$ $R12=66.4$ $R13=89.4$ $R14=98.8$ $R15=80.5$

Optical Parameter

Luminous flux: 2029.164 lm luminous efficiency: 103.0 lm/w Radiant flux: 6.2048 W

Electrical Parameter

Voltage: 230.6 V Current: 0.089 A Watte: 19.70 W Power factor: 0.962

MEASUREFINE

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