



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 (WW)
Manufacturer : BLED

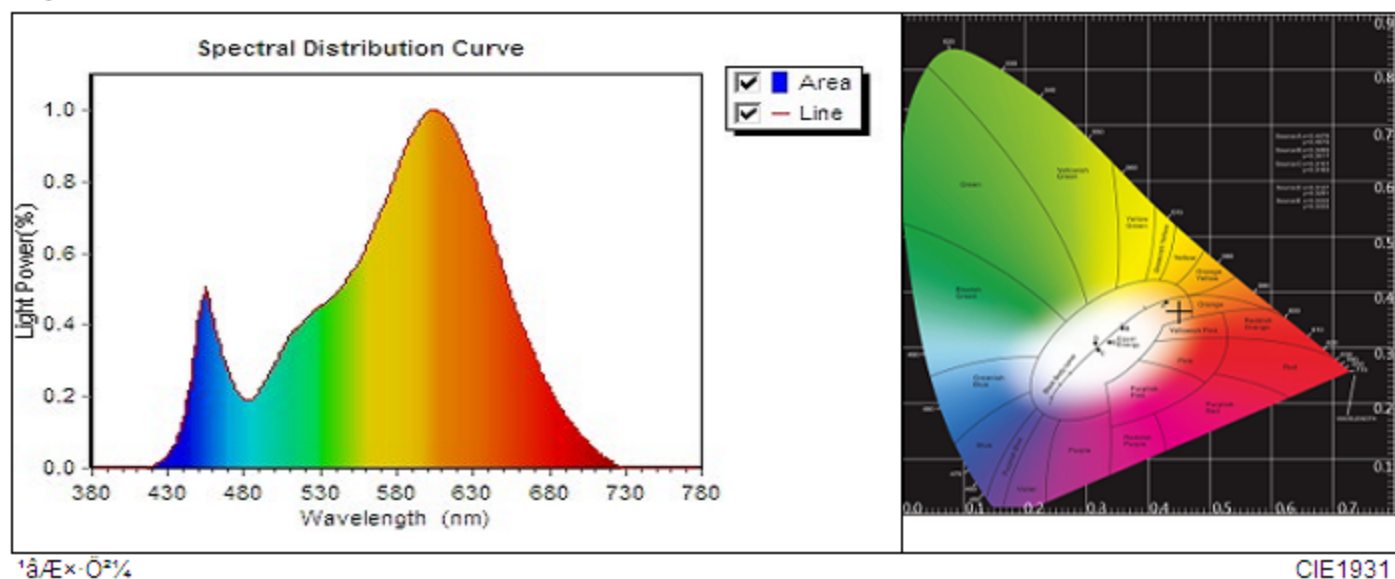
Test date. : 2025-01-02
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 32223 (49.2%)
Integral time. : 92ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4446$ $y=0.4025$ $u=0.2562$ $v=0.3479$ ($duv=-0.0016$)
Color temperature: $TC=2862$ K Color difference: $SDCM=3.0$ Main Wavelength: $\lambda_d=460.08$ nm Purity: $Purity=0.012$
Peak wavelength: $\lambda_p=603.9$ nm FWHM: $\lambda_p=111.5$ nm Color ratio: $R=25.95\%$ $G=71.69\%$ $B=2.37\%$

Color rendering index (Ra): $Ra=82.2$

$R1=81.6$ $R2=93.2$ $R3=93.1$ $R4=79.6$ $R5=82.2$ $R6=92.5$ $R7=79.6$ $R8=55.2$
 $R9=3.0$ $R10=84.9$ $R11=79.8$ $R12=74.7$ $R13=85.5$ $R14=97.0$ $R15=73.1$

Optical Parameter

Luminous flux: 1902.832 lm luminous efficiency: 98.59 lm/w Radiant flux: 5.6173 W

Electrical Parameter

Voltage: 230.6 V Current: 0.089 A Watts: 19.30 W Power factor: 0.932

MEASUREFINE

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