



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

Spectral test report for lamp

Product type : SURFACE LUMINARY LED
Product No. : B1323-N-BC
Manufacturer : BLED

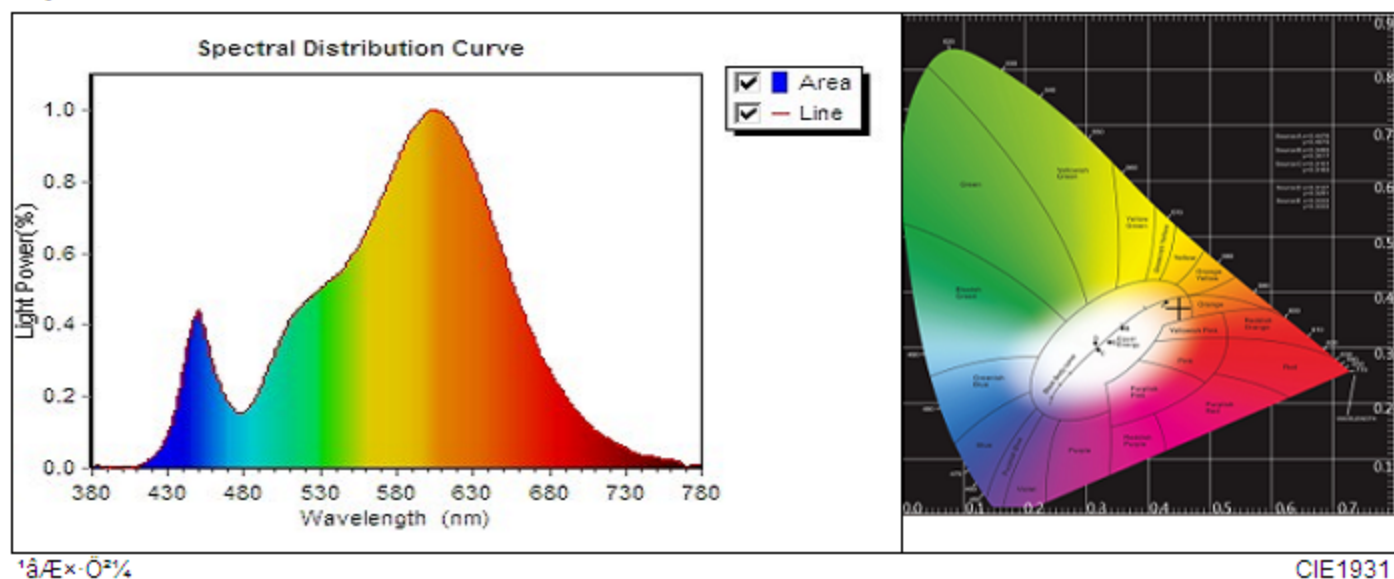
Test date. : 2023-08-03
Test equipment: SPEC2000A Spectrometer
Operator. : BL-20230227HT2

Test Condition

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

Humidity : 65%
Peak AD. : 41191 (62.9%)
Integral time. : 153ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4426$ $y=0.4076$ $u=0.2527$ $v=0.3491$ ($duv=0.0007$)
Color temperature: $TC=2935$ K Color difference: $SDCM=2.0$ Main Wavelength: $\lambda_d=490.1$ nm Purity: $Purity=0.012$
Peak wavelength: $\lambda_p=604.0$ nm FWHM: $\Delta\lambda_p=127.4$ nm Color ratio: $R=25.21\%$ $G=72.73\%$ $B=2.07\%$

Color rendering index (Ra): $Ra=83.4$

$R1=81.7$ $R2=90.7$ $R3=97.1$ $R4=82.6$ $R5=82.2$ $R6=89.4$ $R7=83.5$ $R8=59.8$
 $R9=8.7$ $R10=79.5$ $R11=83.2$ $R12=74.4$ $R13=84.5$ $R14=99.0$ $R15=73.8$

Optical Parameter

Luminous flux: 1535.148 lm luminous efficiency: 77.53 lm/w Radiant flux: 4.6555 W

Electrical Parameter

Voltage: 230.6 V Current: 0.090 A Watts: 19.80 W Power factor: 0.951

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