



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PANTALLA ESTANCA
Product No. : B8400-150-CCT-EM (BC)
Manufacturer : BLED

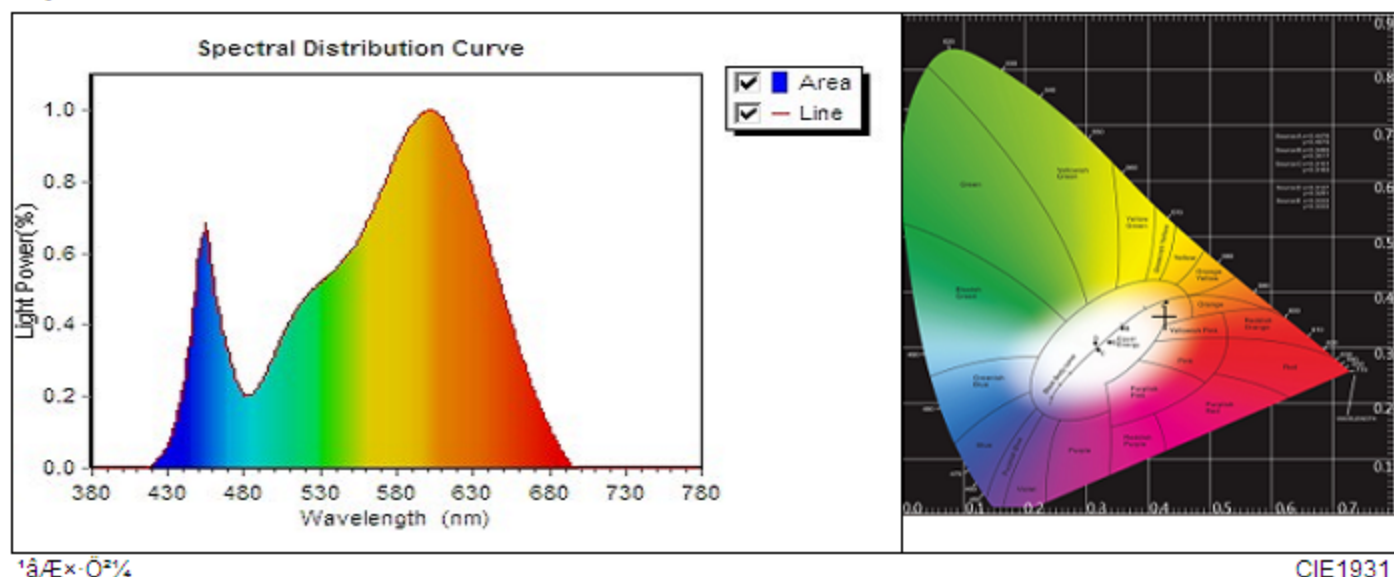
Test date. : 2024-09-04
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 32833 (50.1%)
Integral time. : 31ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4215$ $y=0.3933$ $u=0.2452$ $v=0.3432$ ($duv=-0.0020$)
Color temperature: $TC=3189K$ Color difference: $SDCM=7.9$ Main Wavelength: $\lambda_d=483.06nm$ Purity: $Purity=0.068$
Peak wavelength: $\lambda_p=601.6nm$ FWHM: $\Delta\lambda_p=123.0nm$ Color ratio: $R=23.63\%$ $G=73.76\%$ $B=2.61\%$

Color rendering index (Ra): $Ra=81.2$

$R1=80.2$ $R2=91.4$ $R3=94.8$ $R4=78.7$ $R5=80.5$ $R6=89.2$ $R7=80.0$ $R8=54.3$
 $R9=-4.6$ $R10=80.0$ $R11=78.2$ $R12=68.4$ $R13=83.9$ $R14=98.1$ $R15=71.9$

Optical Parameter

Luminous flux: 5449.754 lm luminous efficiency: 103.61 lm/w Radiant flux: 15.4093 W

Electrical Parameter

Voltage: 230.3 V Current: 0.236 A Watts: 52.60 W Power factor: 0.965

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