



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

Spectral test report for lamp

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

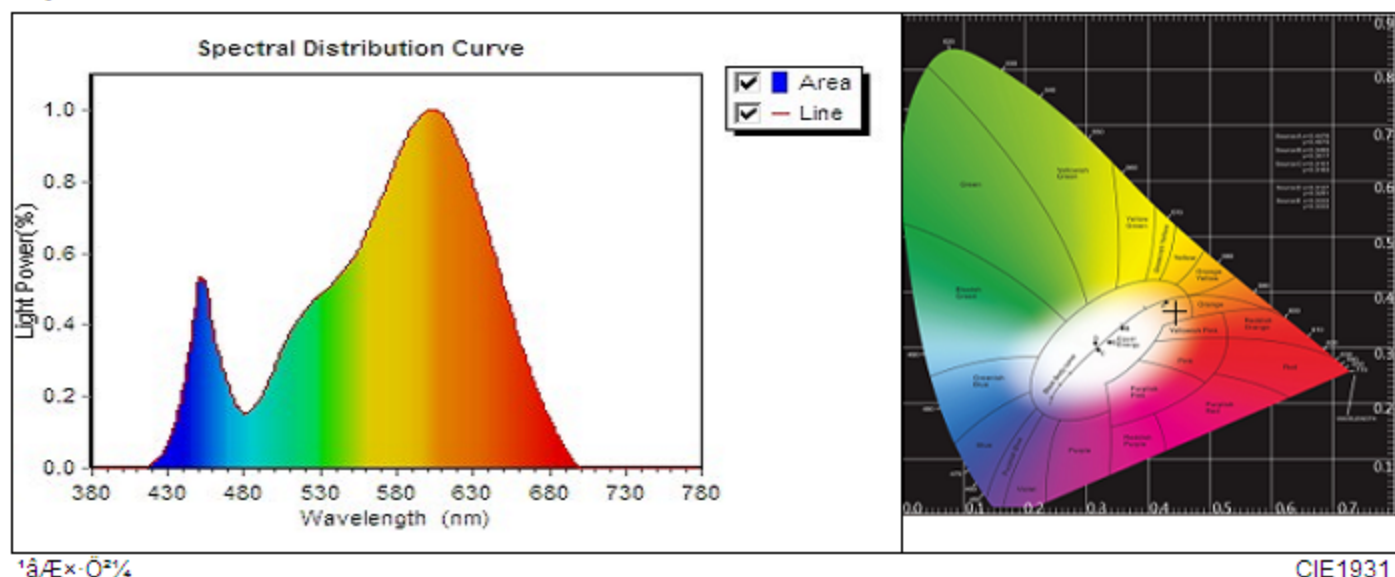
Test date. : 2024-08-28
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50962 (77.8%)
Integral time. : 46ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4374$ $y=0.4014$ $u=0.2520$ $v=0.3469$ ($duv=-0.0011$)
Color temperature: $TC=2971$ K Color difference: $SDCM=1.3$ Main Wavelength: $\lambda_d=483.02$ nm Purity: $Purity=0.027$
Peak wavelength: $\lambda_p=603.1$ nm FWHM: $\Delta\lambda_p=115.5$ nm Color ratio: $R=24.80\%$ $G=73.07\%$ $B=2.14\%$

Color rendering index (Ra): $Ra=80.3$

$R1=78.7$ $R2=90.0$ $R3=95.6$ $R4=78.0$ $R5=79.0$ $R6=88.0$ $R7=79.8$ $R8=52.8$
 $R9=-6.8$ $R10=77.2$ $R11=77.5$ $R12=68.5$ $R13=82.3$ $R14=98.4$ $R15=70.1$

Optical Parameter

Luminous flux: 5698.152 lm Luminous efficiency: 101.93 lm/w Radiant flux: 16.054 W

Electrical Parameter

Voltage: 230.2 V Current: 0.256 A Watts: 55.90 W Power factor: 0.947

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