



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-CCT-EM (BF)
Manufacturer : BLED

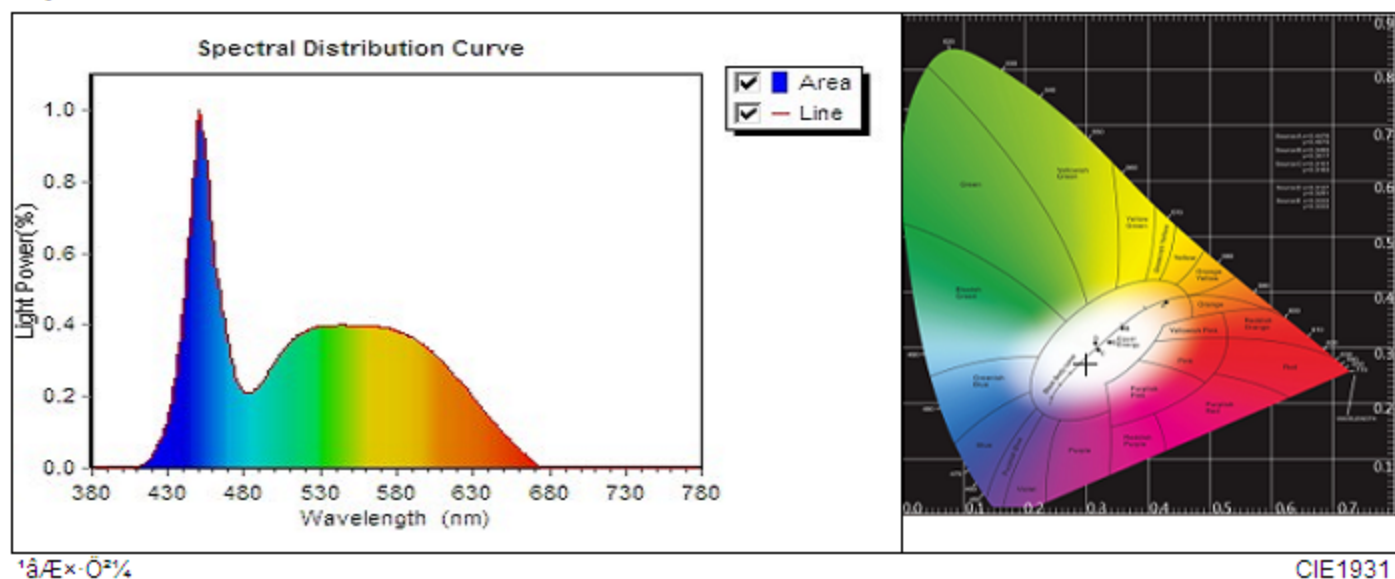
Test date. : 2024-09-04
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49931 (76.2%)
Integral time. : 31ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2949$ $y=0.3146$ $u=0.1907$ $v=0.3052$ ($duv=0.0052$)
Color temperature: $TC=7794$ K Color difference: $SDCM=11.7$ Main Wavelength: $\lambda_d=482.09$ nm Purity: $Purity=0.404$
Peak wavelength: $\lambda_p=451.1$ nm FWHM: $\Delta\lambda_p=22.0$ nm Color ratio: $R=12.99\%$ $G=81.36\%$ $B=5.65\%$

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

$R1=77.8$ $R2=85.5$ $R3=89.5$ $R4=79.9$ $R5=79.0$ $R6=79.5$ $R7=86.5$ $R8=64.4$
 $R9=-18.2$ $R10=64.7$ $R11=79.2$ $R12=52.8$ $R13=81.0$ $R14=94.6$ $R15=71.8$

Optical Parameter

Luminous flux: 5638.186 lm Luminous efficiency: 106.58 lm/w Radiant flux: 17.8196 W

Electrical Parameter

Voltage: 230.2 V Current: 0.237 A Watts: 52.90 W Power factor: 0.967

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