



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 (BN)
Manufacturer : BLED

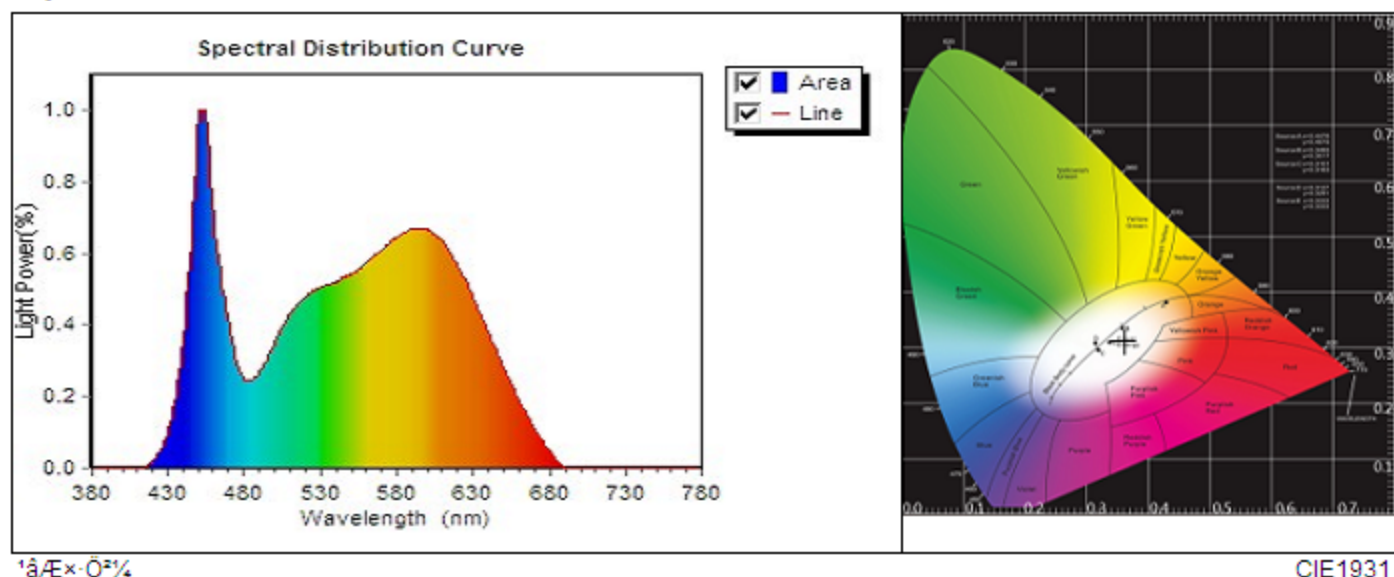
Test date. : 2024-09-04
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 37743 (57.6%)
Integral time. : 31ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3553$ $y=0.3523$ $u=0.2181$ $v=0.3244$ ($duv=-0.0036$)
Color temperature: $TC=4623$ K Color difference: $SDCM=9.5$ Main Wavelength: $\lambda_d=482.05$ nm Purity: $Purity=0.243$
Peak wavelength: $\lambda_p=452.5$ nm FWHM: $\Delta\lambda_p=22.0$ nm Color ratio: $R=18.77\%$ $G=77.10\%$ $B=4.13\%$

Color rendering index (Ra): $Ra=84.7$

$R1=84.5$ $R2=92.1$ $R3=94.9$ $R4=83.4$ $R5=84.3$ $R6=86.9$ $R7=85.2$ $R8=65.9$
 $R9=10.3$ $R10=79.8$ $R11=83.2$ $R12=60.9$ $R13=87.5$ $R14=97.8$ $R15=79.0$

Optical Parameter

Luminous flux: 6043.731 lm luminous efficiency: 117.35 lm/w Radiant flux: 18.0533 W

Electrical Parameter

Voltage: 230.3 V Current: 0.231 A Watts: 51.50 W Power factor: 0.968

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