



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 (BN)
Manufacturer : BLED

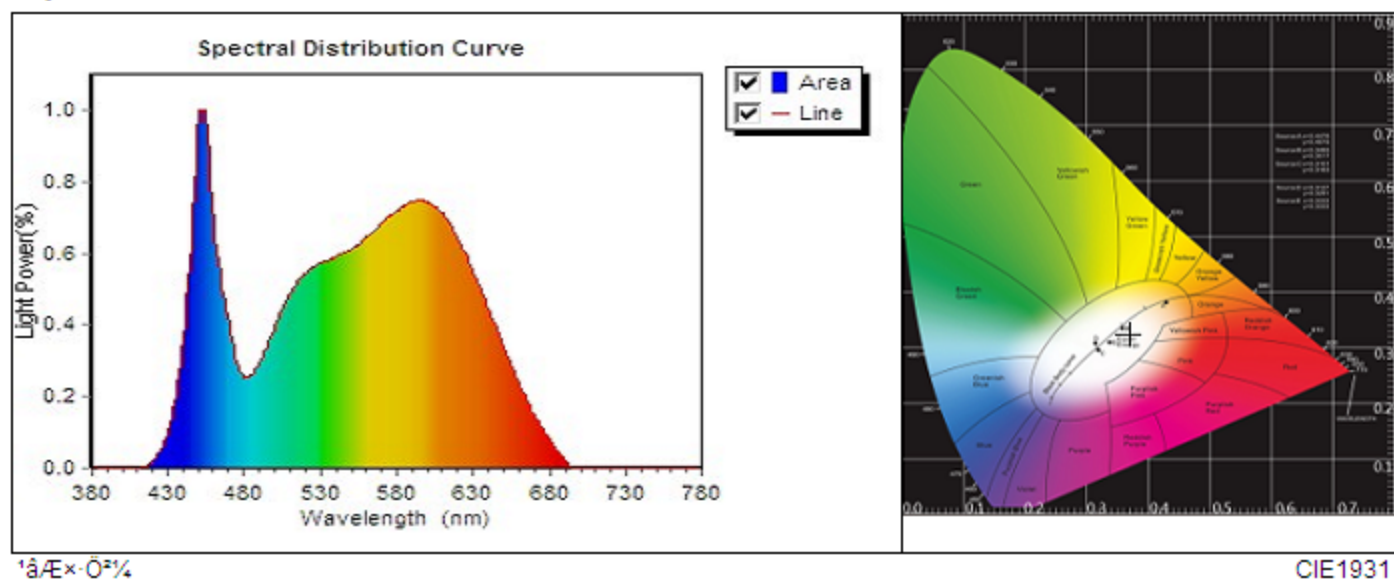
Test date. : 2024-08-28
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 57543 (87.8%)
Integral time. : 50ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3638$ $y=0.3649$ $u=0.2188$ $v=0.3292$ ($duv=-0.0004$)
Color temperature: $TC=4412$ K Color difference: $SDCM=7.6$ Main Wavelength: $\lambda_d=484.07$ nm Purity: $Purity=0.216$
Peak wavelength: $\lambda_p=452.5$ nm FWHM: $\Delta\lambda_p=21.9$ nm Color ratio: $R=18.97\%$ $G=77.22\%$ $B=3.81\%$

Color rendering index (Ra): $Ra=84.4$

$R1=83.5$ $R2=91.1$ $R3=95.3$ $R4=83.4$ $R5=83.4$ $R6=86.7$ $R7=86.1$ $R8=65.7$
 $R9=9.7$ $R10=78.0$ $R11=83.3$ $R12=60.5$ $R13=86.5$ $R14=97.8$ $R15=77.3$

Optical Parameter

Luminous flux: 6508.067 lm Luminous efficiency: 121.19 lm/w Radiant flux: 19.164 W

Electrical Parameter

Voltage: 230.1 V Current: 0.246 A Watts: 53.70 W Power factor: 0.945

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