



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

Spectral test report for lamp

Product type : PLAFÓN LED ESTANCO
Product No. : B8400-150-CCT-EM (BN BATTERY)
Manufacturer : BLED

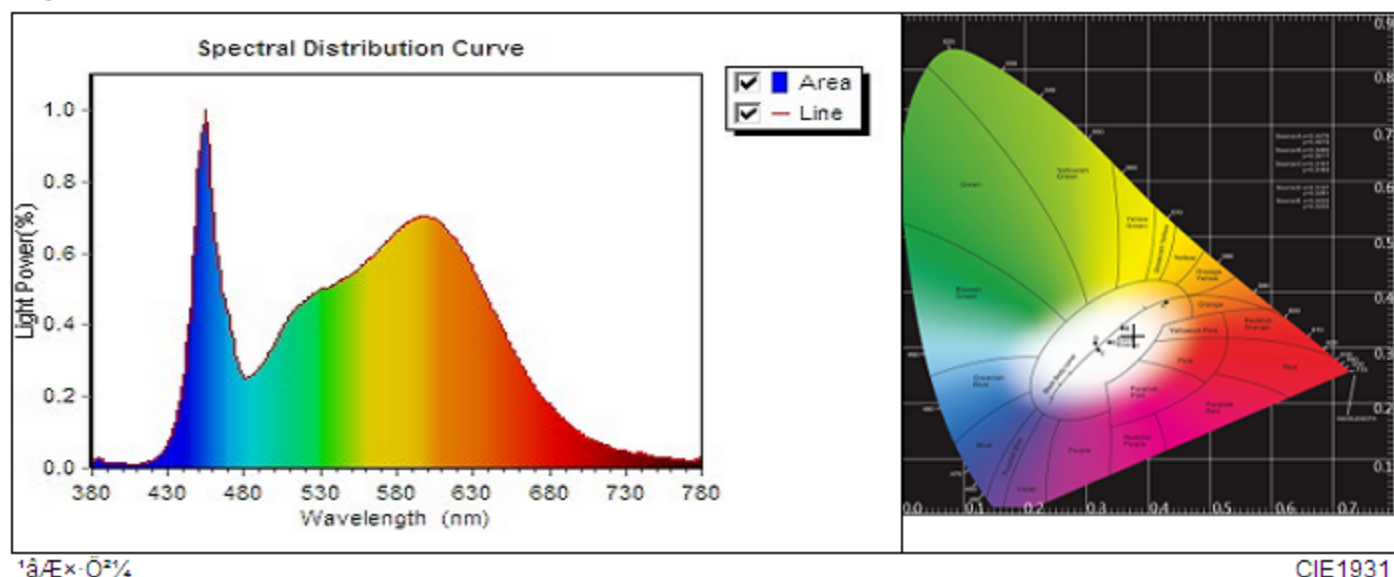
Test date. : 2024-08-29
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 37224 (56.8%)
Integral time. : 282ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3714$ $y=0.3617$ $u=0.2252$ $v=0.3289$ ($duv=-0.0045$)
Color temperature: $TC=4150$ K Color difference: $SDCM=7.0$ Main Wavelength: $\lambda_d=482.1$ nm Purity: $Purity=0.201$
Peak wavelength: $\lambda_p=453.9$ nm FWHM: $\Delta\lambda_p=19.6$ nm Color ratio: $R=20.45\%$ $G=75.56\%$ $B=3.98\%$

Color rendering index (Ra): $Ra=87.6$

$R1=88.1$ $R2=95.0$ $R3=95.9$ $R4=85.9$ $R5=87.6$ $R6=90.5$ $R7=86.5$ $R8=71.2$
 $R9=30.1$ $R10=86.9$ $R11=86.0$ $R12=65.6$ $R13=91.0$ $R14=98.8$ $R15=83.8$

Optical Parameter

Luminous flux: 678.575 lm luminous efficiency: lm/w Radiant flux: 2.174 W

Electrical Parameter

Voltage: 0.0 V Current: 0.000 A Watto: 0.00 W Power factor: 0.000

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