



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1253-12W-CCT-B (BF)
Manufacturer : BLED

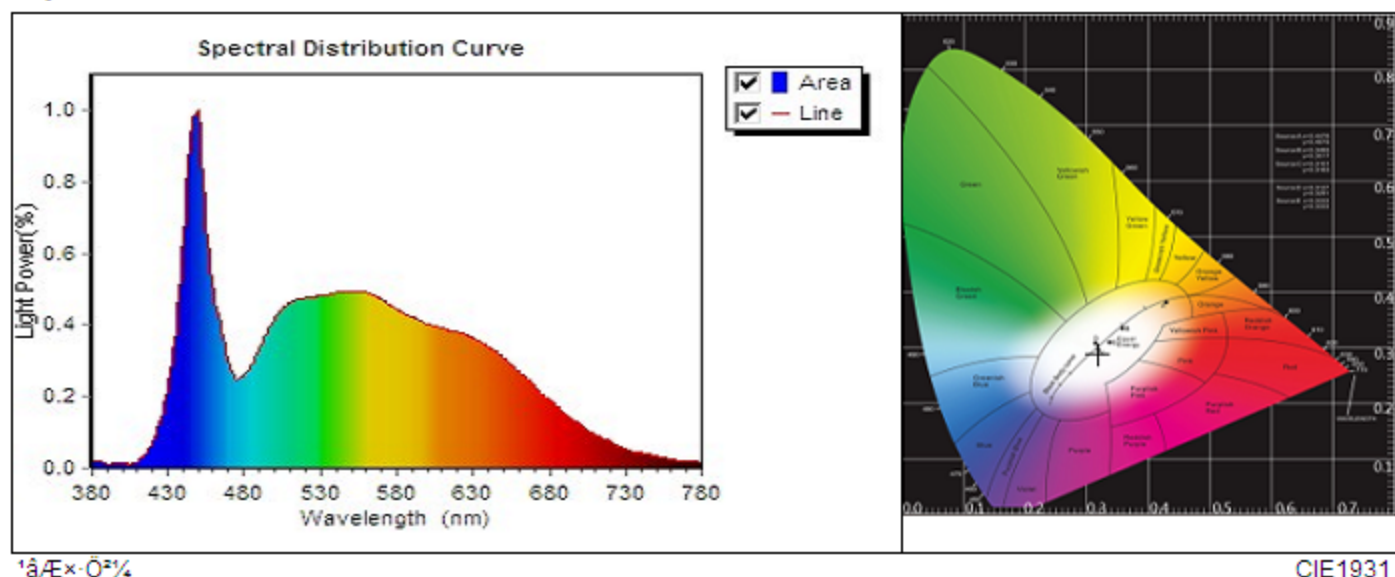
Test date. : 2025-01-09
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 53435 (81.5%)
Integral time. : 219ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3154$ $y=0.3310$ $u=0.1990$ $v=0.3132$ ($duv=0.0029$)
Color temperature: $TC=6348$ K Color difference: $SDCM=4.5$ Main Wavelength: $\lambda_d=483.02$ nm Purity: $Purity=0.348$
Peak wavelength: $\lambda_p=447.9$ nm FWHM: $\Delta\lambda_p=21.5$ nm Color ratio: $R=15.70\%$ $G=79.15\%$ $B=5.15\%$

Color rendering index (Ra): $Ra=89.4$

$R1=90.0$ $R2=90.1$ $R3=89.1$ $R4=90.2$ $R5=90.3$ $R6=85.8$ $R7=91.6$ $R8=87.6$
 $R9=61.8$ $R10=76.5$ $R11=90.6$ $R12=71.0$ $R13=89.8$ $R14=94.1$ $R15=89.3$

Optical Parameter

Luminous flux: 1042.283 lm luminous efficiency: 77.21 lm/w Radiant flux: 3.7046 W

Electrical Parameter

Voltage: 230.2 V Current: 0.105 A Watts: 13.50 W Power factor: 0.556

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