



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT EMPOTRABLE
Product No. : B9401-N-BN
Manufacturer : BLED

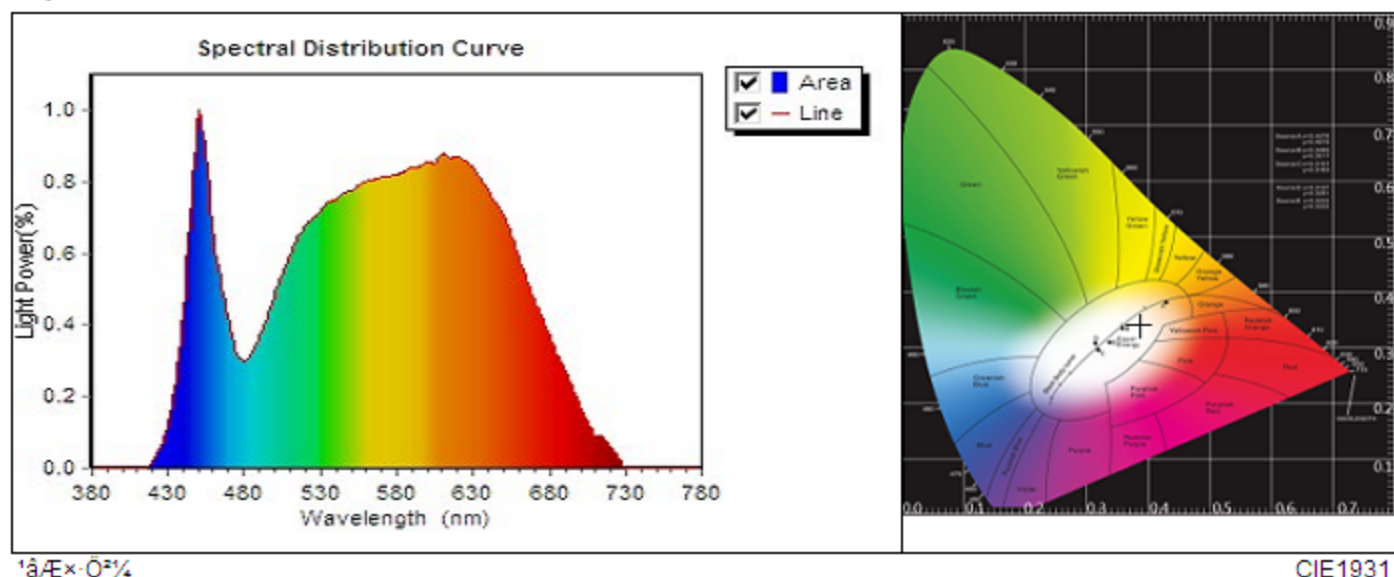
Test date. : 2024-12-27
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 56161 (85.7%)
Integral time. : 1296ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3806$ $y=0.3795$ $u=0.2242$ $v=0.3352$ ($duv=0.0012$)
Color temperature: $TC=4015$ K Color difference: $SDCM=0.6$ Main Wavelength: $\lambda_d=485.02$ nm Purity: $Purity=0.168$
Peak wavelength: $\lambda_p=450.9$ nm FWHM: $\Delta\lambda_p=23.9$ nm Color ratio: $R=20.72\%$ $G=75.86\%$ $B=3.42\%$

Color rendering index (Ra): $Ra=90.8$

$R1=90.8$ $R2=92.8$ $R3=93.0$ $R4=91.4$ $R5=89.7$ $R6=88.9$ $R7=94.3$ $R8=84.7$
 $R9=58.9$ $R10=81.7$ $R11=90.7$ $R12=67.1$ $R13=91.5$ $R14=95.7$ $R15=88.5$

Optical Parameter

Luminous flux: 238.928 lm luminous efficiency: 55.56 lm/w Radiant flux: 0.7657 W

Electrical Parameter

Voltage: 230.4 V Current: 0.035 A Watts: 4.30 W Power factor: 0.531

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