



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : MODULO LED
Product No. : B711-BN
Manufacturer : BLED

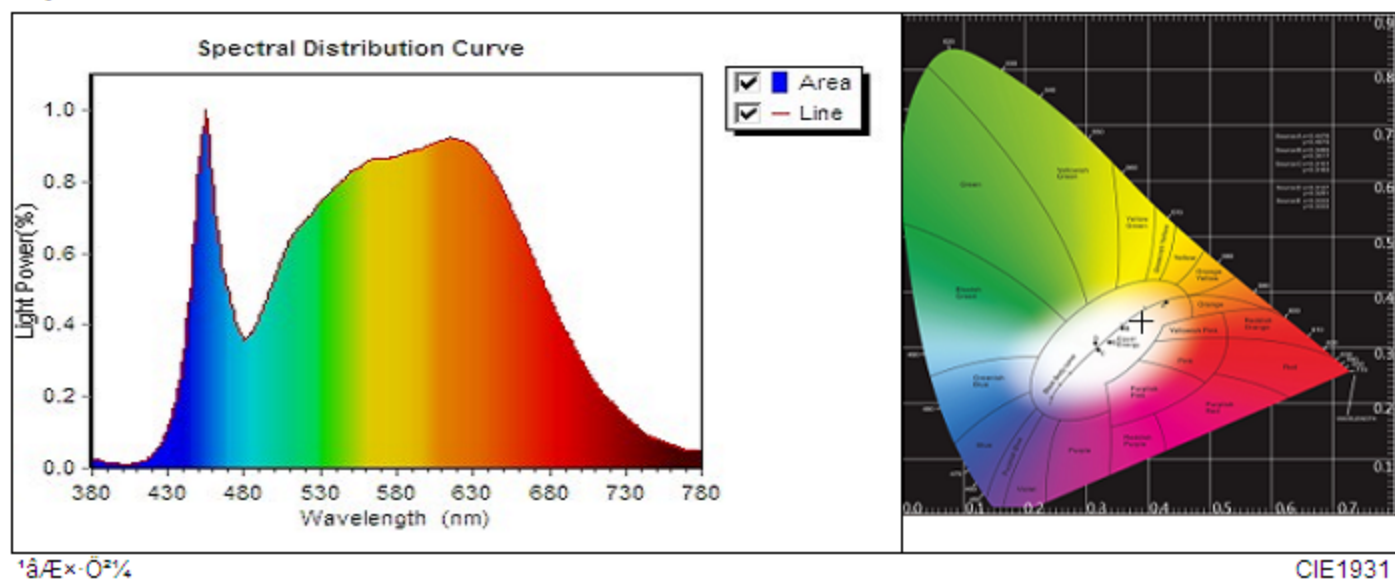
Test date. : 2023-06-06
Test equipment: SPEC2000A Spectrometer
Operator. : BL20230112HT

Test Condition

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

Humidity : 65%
Peak AD. : 55274 (84.3%)
Integral time. : 289ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3854$ $y=0.3860$ $u=0.2247$ $v=0.3375$ ($duv=0.0028$)
Color temperature: $TC=3936$ K Color difference: $SDCM=2.6$ Main Wavelength: $\lambda_d=486.01$ nm Purity: $Purity=0.154$
Peak wavelength: $\lambda_p=454.4$ nm FWHM: $\Delta\lambda_p=24.6$ nm Color ratio: $R=20.89\%$ $G=75.51\%$ $B=3.60\%$

Color rendering index (Ra): $Ra=91.6$

$R1=91.2$ $R2=94.2$ $R3=95.6$ $R4=90.8$ $R5=89.8$ $R6=90.8$ $R7=94.9$ $R8=85.5$
 $R9=62.7$ $R10=85.1$ $R11=90.0$ $R12=67.7$ $R13=92.2$ $R14=97.2$ $R15=88.8$

Optical Parameter

Luminous flux: 1310.046 lm luminous efficiency: 90.35 lm/w Radiant flux: 4.4591 W

Electrical Parameter

Voltage: 230.4 V Current: 0.104 A Watts: 14.50 W Power factor: 0.603

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