



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1221-BF
Manufacturer : BLED

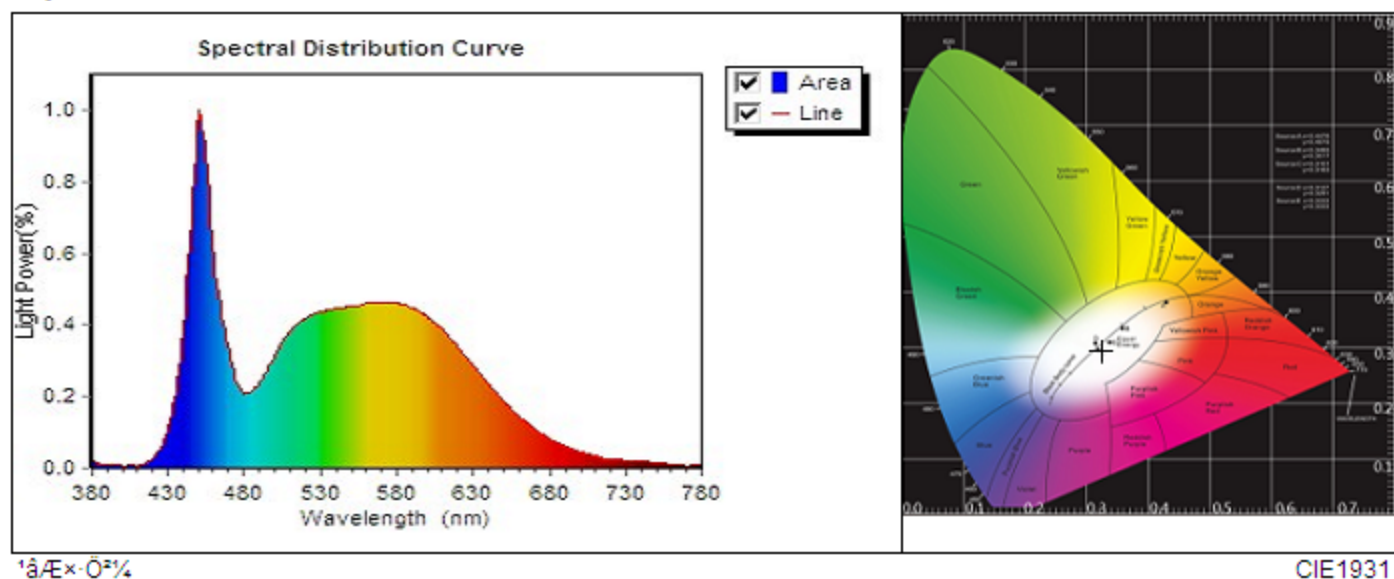
Test date. : 2022-04-11
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 51344 (78.3%)
Integral time. : 107ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3210$ $y=0.3368$ $u=0.2007$ $v=0.3158$ ($duv=0.0031$)
Color temperature: $TC=6036$ K Color difference: $SDCM=1.3$ Main Wavelength: $\lambda_d=483.04$ nm Purity: $Purity=0.33$
Peak wavelength: $\lambda_p=451.1$ nm FWHM: $\Delta\lambda_p=20.0$ nm Color ratio: $R=15.19\%$ $G=80.02\%$ $B=4.79\%$

Color rendering index (Ra): $Ra=83.1$

$R1=81.5$ $R2=87.8$ $R3=91.1$ $R4=83.1$ $R5=82.2$ $R6=82.1$ $R7=87.5$ $R8=68.9$
 $R9=6.4$ $R10=70.4$ $R11=82.6$ $R12=58.1$ $R13=84.0$ $R14=95.4$ $R15=76.8$

Optical Parameter

Luminous flux: 1822.018 lm luminous efficiency: 116.05 lm/w Radiant flux: 5.8216 W

Electrical Parameter

Voltage: 230.5 V Current: 0.073 A Watts: 15.70 W Power factor: 0.929

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