



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : SLIM LED FLOODLIGHT
Product No. : B1882-2-BF
Manufacturer : BLED

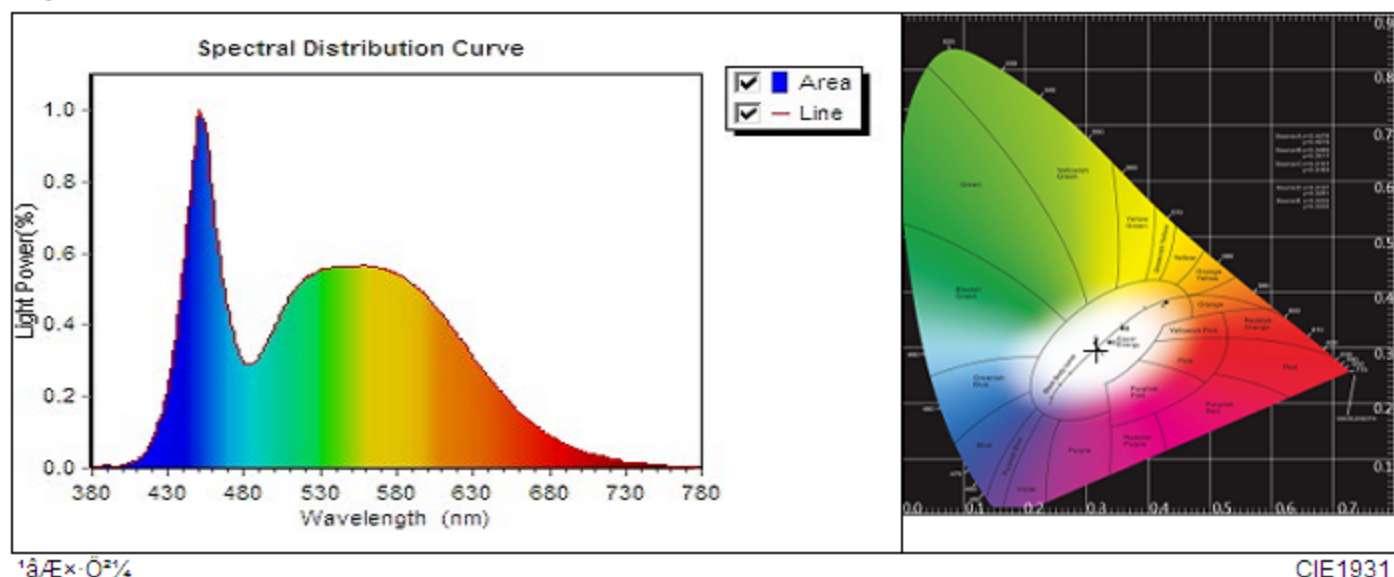
Test date. : 2024-07-19
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 40388 (61.6%)
Integral time. : 82ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3118$ $y=0.3372$ $u=0.1942$ $v=0.3150$ ($duv=0.0078$)
Color temperature: $TC=6496$ K Color difference: $SDCM=1.2$ Main Wavelength: $\lambda_d=483.06$ nm Purity: $Purity=0.348$
Peak wavelength: $\lambda_p=451.6$ nm FWHM: $\Delta\lambda_p=28.4$ nm Color ratio: $R=13.88\%$ $G=81.08\%$ $B=5.04\%$

Color rendering index (Ra): $Ra=80.9$

$R1=77.7$ $R2=85.4$ $R3=90.8$ $R4=80.1$ $R5=79.1$ $R6=80.3$ $R7=87.5$ $R8=66.2$
 $R9=-6.6$ $R10=65.5$ $R11=78.8$ $R12=58.2$ $R13=80.6$ $R14=95.1$ $R15=72.0$

Optical Parameter

Luminous flux: 2309.901 lm luminous efficiency: 77.51 lm/w Radiant flux: 7.3481 W

Electrical Parameter

Voltage: 230.1 V Current: 0.138 A Watts: 29.80 W Power factor: 0.933

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