



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Floodlight
Product No. : B1885-2-BF
Manufacturer : BLED

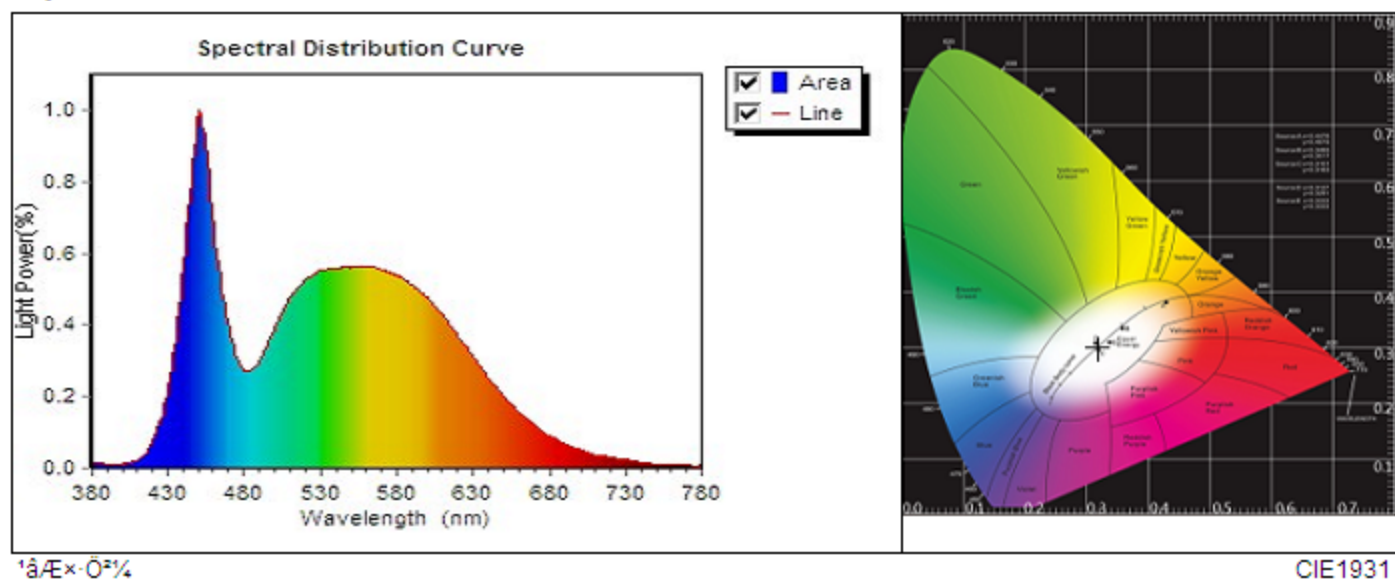
Test date. : 2024-07-19
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 43463 (66.3%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3142$ $y=0.3409$ $u=0.1945$ $v=0.3165$ ($duv=0.0084$)
Color temperature: $TC=6348$ K Color difference: $SDCM=2.1$ Main Wavelength: $\lambda_d=484.06$ nm Purity: $Purity=0.342$
Peak wavelength: $\lambda_p=450.9$ nm FWHM: $\Delta\lambda_p=26.5$ nm Color ratio: $R=13.93\%$ $G=81.25\%$ $B=4.82\%$

Color rendering index (Ra): $Ra=80.3$

$R1=76.9$ $R2=84.5$ $R3=90.3$ $R4=79.8$ $R5=78.4$ $R6=79.3$ $R7=87.2$ $R8=65.5$
 $R9=-8.9$ $R10=63.7$ $R11=78.4$ $R12=57.5$ $R13=79.7$ $R14=94.8$ $R15=71.0$

Optical Parameter

Luminous flux: 10202.0 lm luminous efficiency: 75.74 lm/w Radiant flux: 32.2832 W

Electrical Parameter

Voltage: 229.7 V Current: 0.633 A Watte: 134.70 W Power factor: 0.926

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