



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED FLOODLIGHT
Product No. : SSL01B-N
Manufacturer : BLED

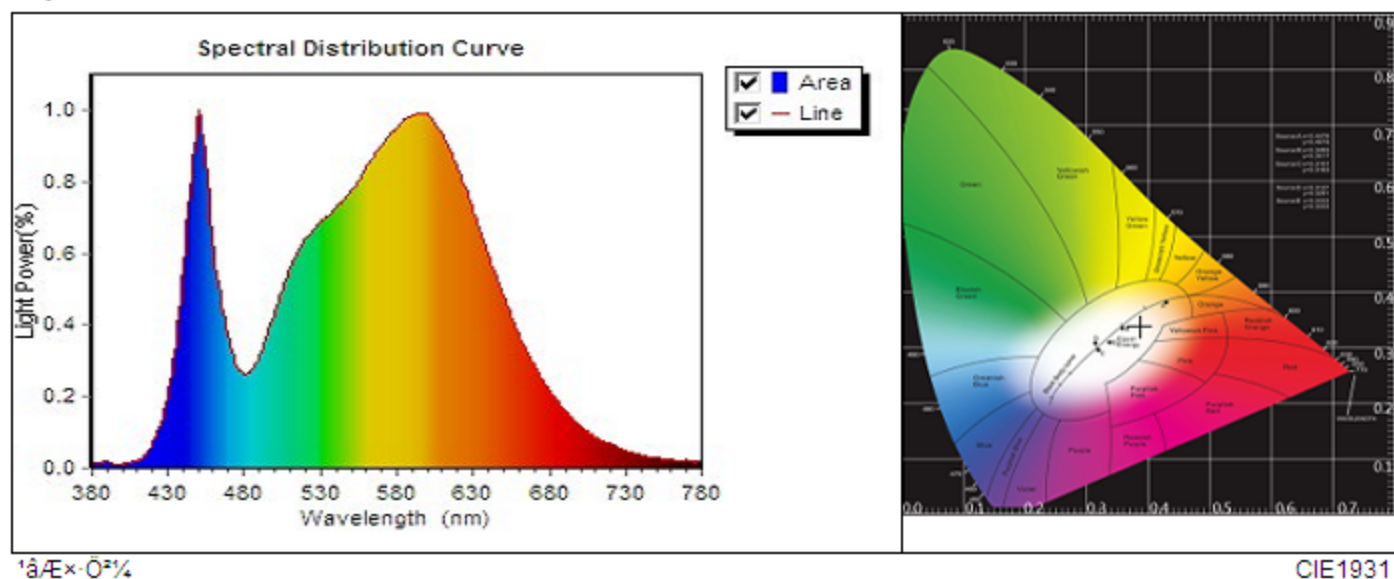
Test date. : 2023-10-13
Test equipment: SPEC2000A Spectrometer
Operator. : EN20230222Q

Test Condition

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

Humidity : 65%
Peak AD. : 54025 (82.4%)
Integral time. : 110ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3824$ $y=0.3773$ $u=0.2262$ $v=0.3348$ ($duv=-0.0003$)
Color temperature: $TC=3951$ K Color difference: $SDCM=2.7$ Main Wavelength: $\lambda_d=484.02$ nm Purity: $Purity=0.165$
Peak wavelength: $\lambda_p=450.3$ nm FWHM: $\Delta\lambda_p=24.4$ nm Color ratio: $R=19.85\%$ $G=77.08\%$ $B=3.07\%$

Color rendering index (Ra): $Ra=81.6$

$R1=79.7$ $R2=87.8$ $R3=94.0$ $R4=80.8$ $R5=80.0$ $R6=83.2$ $R7=85.0$ $R8=62.1$
 $R9=1.6$ $R10=71.2$ $R11=79.6$ $R12=62.3$ $R13=82.2$ $R14=96.8$ $R15=73.5$

Optical Parameter

Luminous flux: 3046.531 lm luminous efficiency: 91.76 lm/w Radiant flux: 9.2197 W

Electrical Parameter

Voltage: 230.0 V Current: 0.252 A Watte: 33.20 W Power factor: 0.572

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