



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : LED Floodlight
Product No. : B1884-2-BC
Manufacturer : BLED

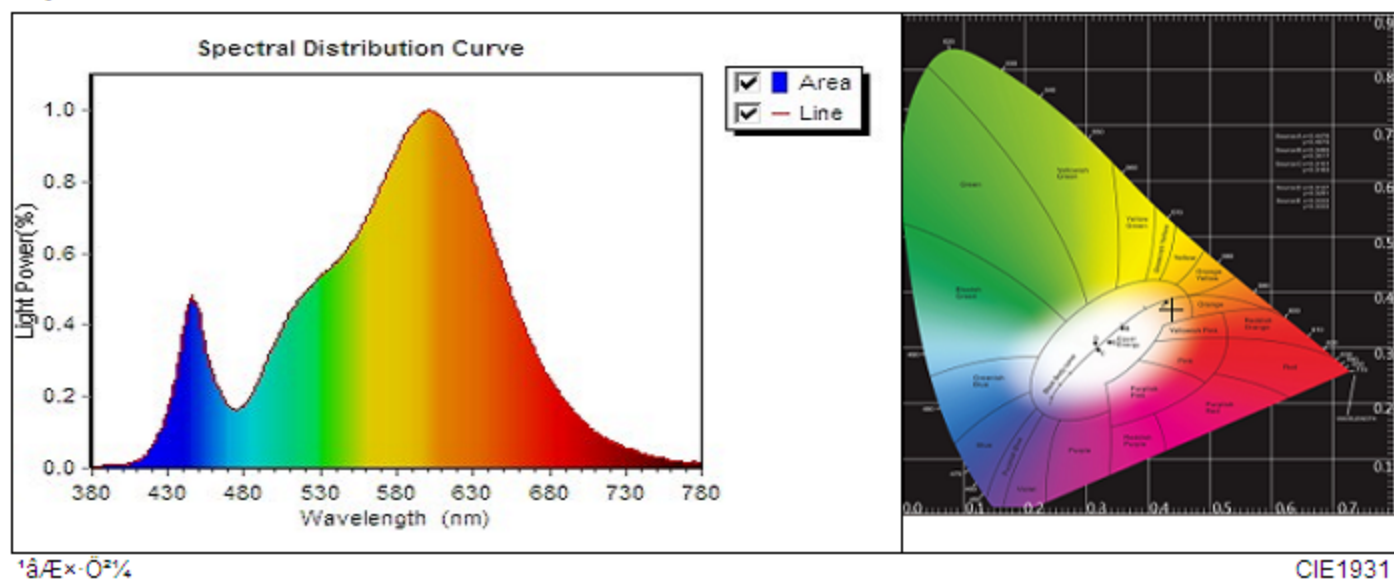
Test date. : 2024-07-19
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 55331 (84.4%)
Integral time. : 42ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4324$ $y=0.4061$ $u=0.2468$ $v=0.3477$ ($duv=0.0015$)
Color temperature: $TC=3094K$ Color difference: $SDCM=5.9$ Main Wavelength: $\lambda_d=489.04nm$ Purity: $Purity=0.036$
Peak wavelength: $\lambda_p=601.1nm$ FWHM: $\lambda_p=132.4nm$ Color ratio: $R=23.84\%$ $G=73.98\%$ $B=2.17\%$

Color rendering index (Ra): $Ra=82$

$R1=79.7$ $R2=88.8$ $R3=97.0$ $R4=81.4$ $R5=80.2$ $R6=86.7$ $R7=83.4$ $R8=58.1$
 $R9=1.5$ $R10=75.2$ $R11=81.3$ $R12=72.4$ $R13=82.3$ $R14=98.5$ $R15=71.5$

Optical Parameter

Luminous flux: $7770.945lm$ luminous efficiency: $79.95lm/w$ Radiant flux: $23.3029W$

Electrical Parameter

Voltage: $229.8V$ Current: $0.455A$ Watto: $97.20W$ Power factor: 0.929

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