



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. : B1892-N-BC
Manufacturer : BLED

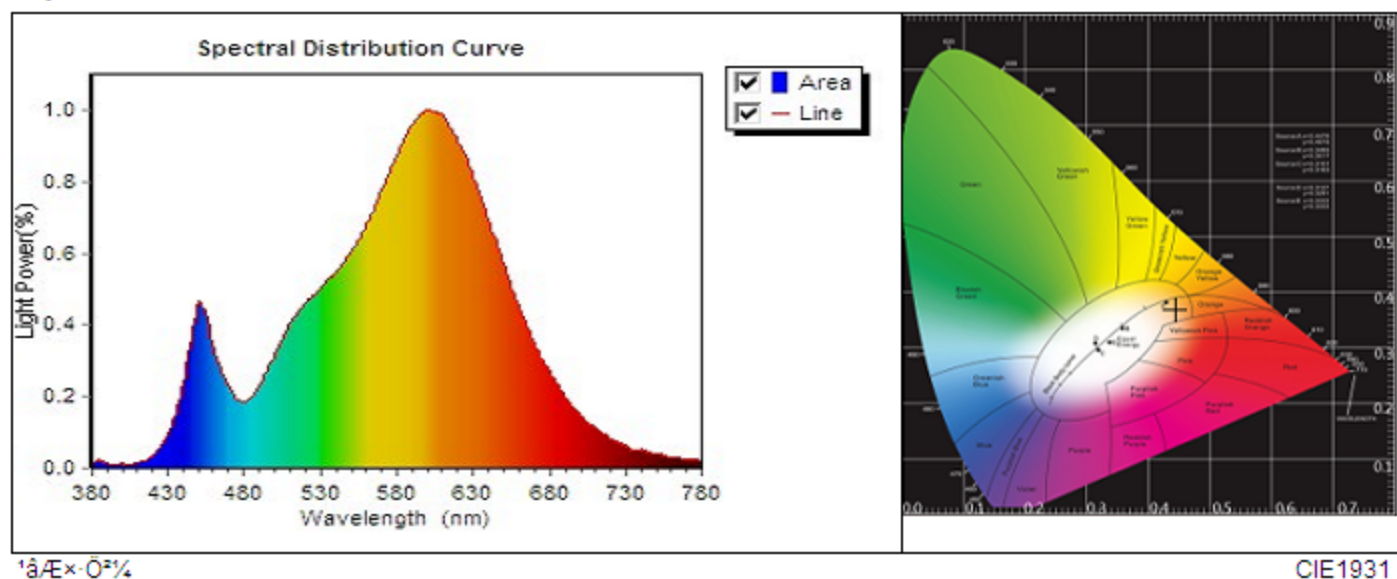
Test date. : 2024-07-22
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 42145 (64.3%)
Integral time. : 282ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4381$ $y=0.4060$ $u=0.2505$ $v=0.3482$ ($duv=0.0006$)
Color temperature: $TC=2995$ K Color difference: $SDCM=14.0$ Main Wavelength: $\lambda_d=488$ nm Purity: $Purity=0.023$
Peak wavelength: $\lambda_p=601.0$ nm FWHM: $\lambda_p=126.7$ nm Color ratio: $R=24.57\%$ $G=73.20\%$ $B=2.24\%$

Color rendering index (Ra): $Ra=82.1$

$R1=80.1$ $R2=90.4$ $R3=96.5$ $R4=80.2$ $R5=80.5$ $R6=88.5$ $R7=82.5$ $R8=57.6$
 $R9=3.4$ $R10=78.4$ $R11=79.6$ $R12=71.6$ $R13=83.2$ $R14=98.7$ $R15=72.3$

Optical Parameter

Luminous flux: 819.826 lm luminous efficiency: 40.79 lm/w Radiant flux: 2.49 W

Electrical Parameter

Voltage: 229.9 V Current: 0.101 A Watts: 20.10 W Power factor: 0.860

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