



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. : B1895-N-BF
Manufacturer : BLED

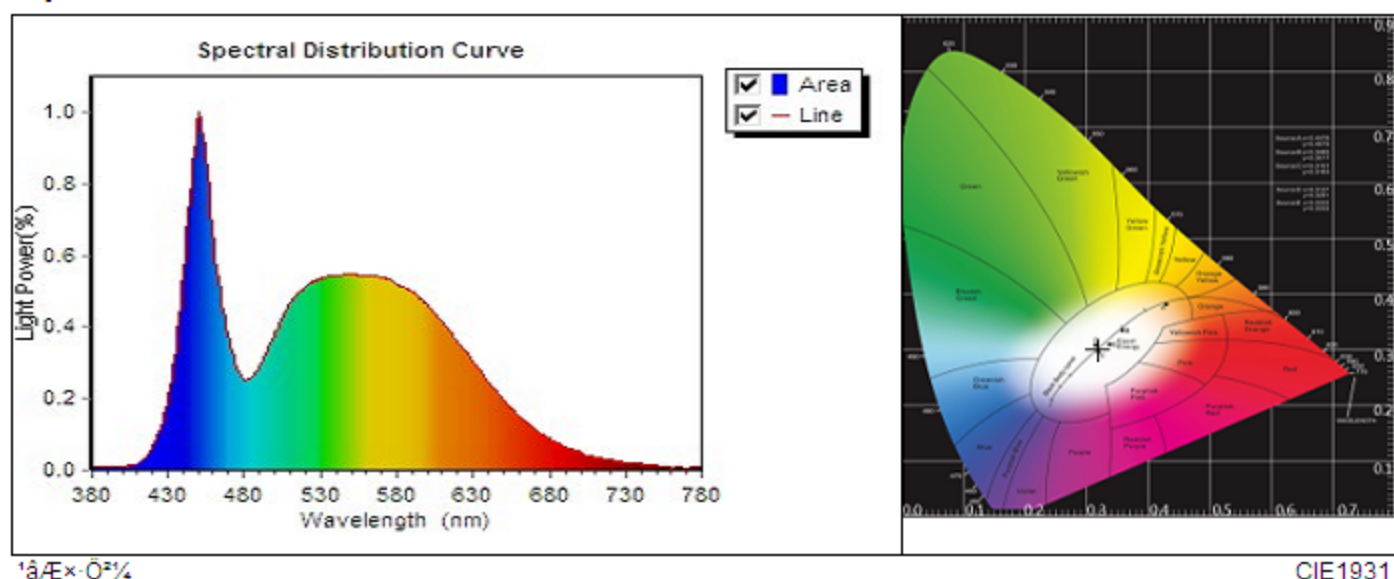
Test date. : 2024-07-22
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50998 (77.8%)
Integral time. : 57ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3148$ $y=0.3416$ $u=0.1946$ $v=0.3168$ ($duv=0.0085$)
Color temperature: $TC=6318$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=484.02$ nm Purity: $Purity=0.341$
Peak wavelength: $\lambda_p=450.6$ nm FWHM: $\Delta\lambda_p=25.2$ nm Color ratio: $R=13.95\%$ $G=81.31\%$ $B=4.74\%$

Color rendering index (Ra): $Ra=80.1$

$R1=76.8$ $R2=84.2$ $R3=90.0$ $R4=79.8$ $R5=78.3$ $R6=79.0$ $R7=87.1$ $R8=65.4$
 $R9=-9.3$ $R10=63.2$ $R11=78.5$ $R12=56.8$ $R13=79.5$ $R14=94.7$ $R15=70.8$

Optical Parameter

Luminous flux: 4364.296 lm luminous efficiency: 88.89 lm/w Radiant flux: 13.755 W

Electrical Parameter

Voltage: 229.5 V Current: 0.233 A Watte: 49.10 W Power factor: 0.915

MEASUREFINE

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