



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

Spectral test report for lamp

Product type : LED FOODLIGHT
Product No. : B18711-100W-BF
Manufacturer : BLED

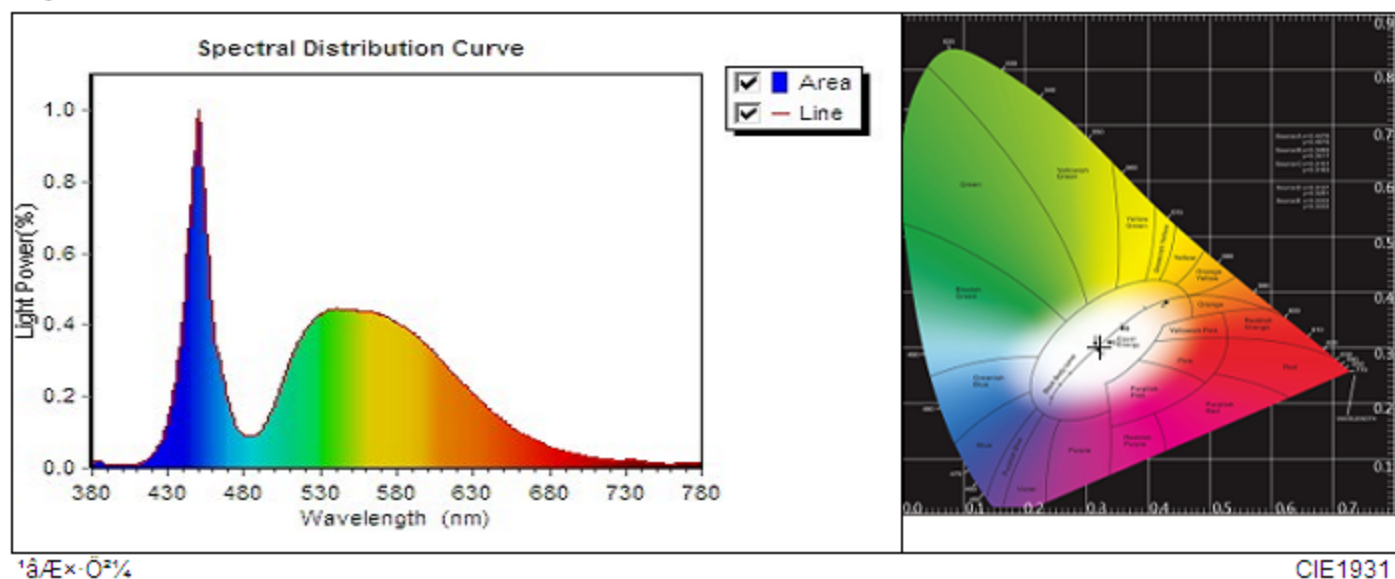
Test date. : 2023-05-08
Test equipment: SPEC2000A Spectrometer
Operator. : ZYQ20221208-01

Test Condition

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

Humidity : 65%
Peak AD. : 50848 (77.6%)
Integral time. : 119ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3171$ $y=0.3429$ $u=0.1957$ $v=0.3175$ ($duv=0.0080$)
Color temperature: $TC=6200$ K Color difference: $SDCM=3.3$ Main Wavelength: $\lambda_d=484.02$ nm Purity: $Purity=0.335$
Peak wavelength: $\lambda_p=449.6$ nm FWHM: $\Delta\lambda_p=16.9$ nm Color ratio: $R=13.14\%$ $G=83.46\%$ $B=3.40\%$

Color rendering index (Ra): $Ra=71.5$

$R1=68.5$ $R2=75.1$ $R3=79.4$ $R4=72.4$ $R5=69.9$ $R6=66.3$ $R7=81.6$ $R8=58.6$
 $R9=-35.7$ $R10=40.7$ $R11=69.7$ $R12=38.1$ $R13=70.4$ $R14=88.6$ $R15=63.0$

Optical Parameter

Luminous flux: 1549.439 lm luminous efficiency: lm/w Radiant flux: 4.7139 W

Electrical Parameter

Voltage: 0.0 V Current: 0.000 A Watte: 0.00 W Power factor: 0.000

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