



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. : B18711-40W-BF
Manufacturer : BLED

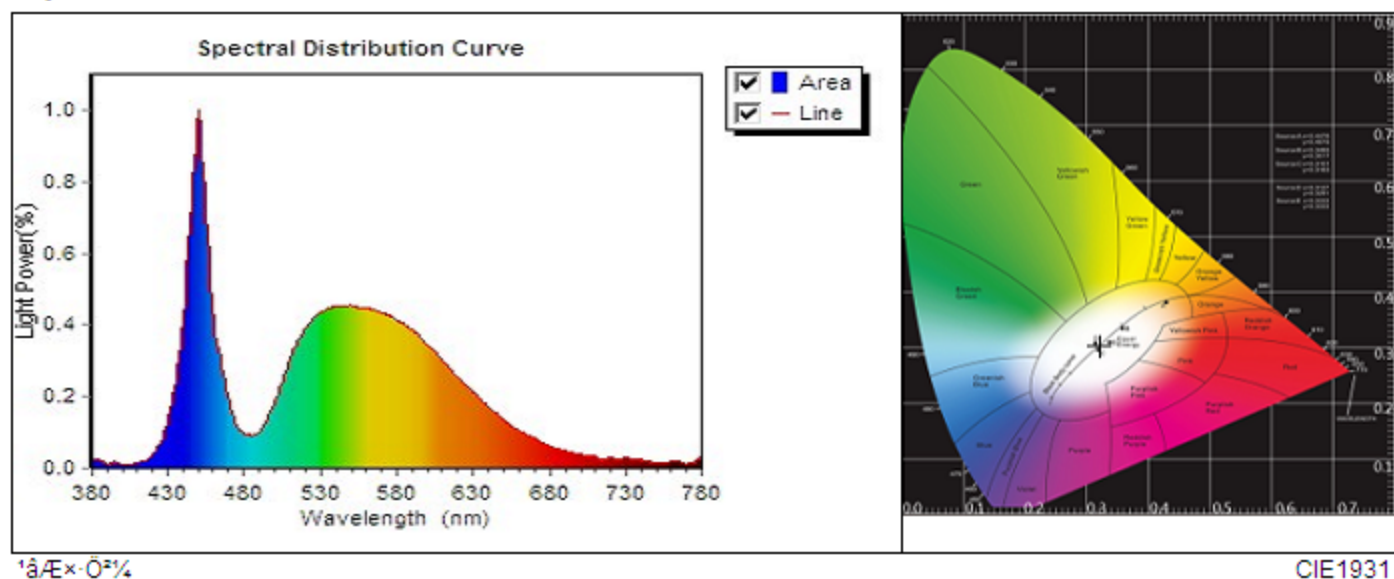
Test date. : 2023-05-08
Test equipment: SPEC2000A Spectrometer
Operator. : ZYQ20221208-01

Test Condition

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

Humidity : 65%
Peak AD. : 45898 (70.0%)
Integral time. : 276ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3177$ $y=0.3444$ $u=0.1956$ $v=0.3180$ ($duv=0.0085$)
Color temperature: $TC=6164$ K Color difference: $SDCM=4.0$ Main Wavelength: $\lambda_d=484.03$ nm Purity: $Purity=0.332$
Peak wavelength: $\lambda_p=449.8$ nm FWHM: $\Delta\lambda_p=16.7$ nm Color ratio: $R=13.10\%$ $G=83.49\%$ $B=3.41\%$

Color rendering index (Ra): $Ra=71.4$

$R1=68.1$ $R2=75.2$ $R3=79.8$ $R4=72.1$ $R5=69.5$ $R6=66.3$ $R7=81.8$ $R8=58.3$
 $R9=-36.2$ $R10=41.0$ $R11=69.2$ $R12=37.8$ $R13=70.3$ $R14=88.8$ $R15=62.7$

Optical Parameter

Luminous flux: 600.794 lm luminous efficiency: lm/w Radiant flux: 1.8322 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>