



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

Spectral test report for lamp

Product type : BULB
Product No. : BFM1-G125E27-BC
Manufacturer : BLED

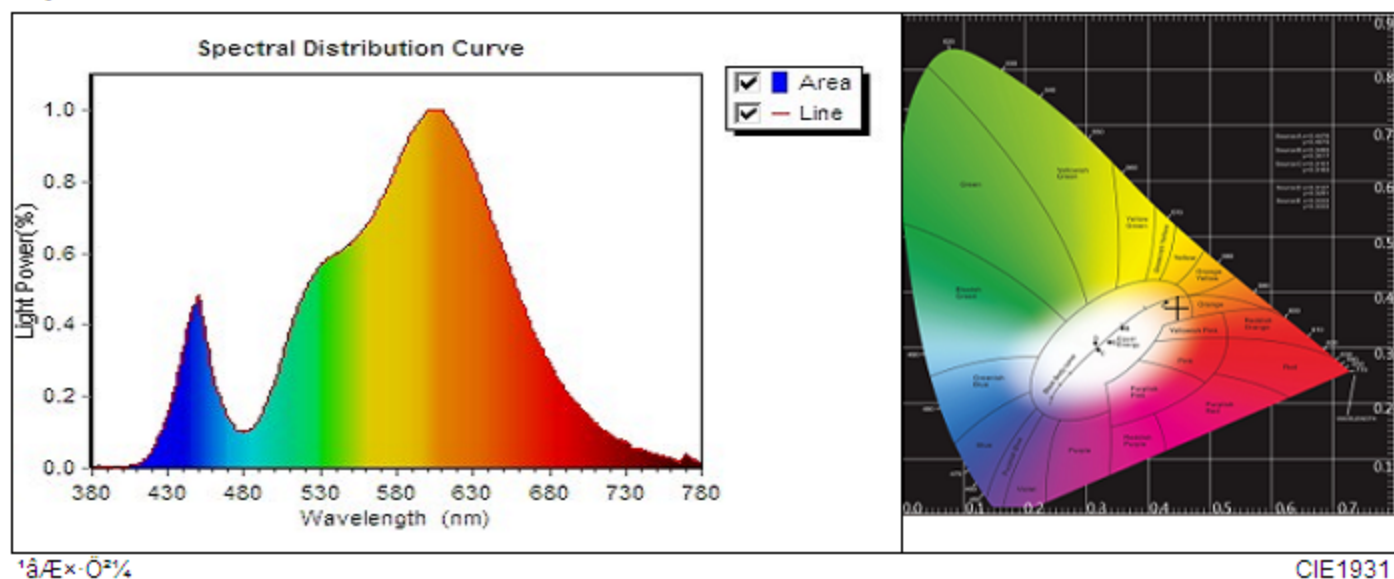
Test date. : 2023-10-19
Test equipment: SPEC2000A Spectrometer
Operator. : BZSP23-1703

Test Condition

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

Humidity : 65%
Peak AD. : 45285 (69.1%)
Integral time. : 394ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4411$ $y=0.4089$ $u=0.2512$ $v=0.3492$ ($duv=0.0013$)
Color temperature: $TC=2970$ K Color difference: $SDCM=2.7$ Main Wavelength: $\lambda_d=493.04$ nm Purity: $Purity=0.016$
Peak wavelength: $\lambda_p=604.9$ nm FWHM: $\Delta\lambda_p=138.7$ nm Color ratio: $R=24.86\%$ $G=73.57\%$ $B=1.57\%$

Color rendering index (Ra): $Ra=81.9$

$R1=81.0$ $R2=87.3$ $R3=93.1$ $R4=82.7$ $R5=80.0$ $R6=83.6$ $R7=85.1$ $R8=61.8$
 $R9=8.8$ $R10=70.0$ $R11=82.5$ $R12=63.8$ $R13=82.9$ $R14=95.5$ $R15=73.7$

Optical Parameter

Luminous flux: 656.893 lm luminous efficiency: 121.65 lm/w Radiant flux: 1.9945 W

Electrical Parameter

Voltage: 230.5 V Current: 0.042 A Watts: 5.40 W Power factor: 0.561

MEASUREFINE

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