



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

Spectral test report for lamp

Product type : FILAMENT BULB
Product No. : BFD1-A60E27-ESPIRAL
Manufacturer : BLED

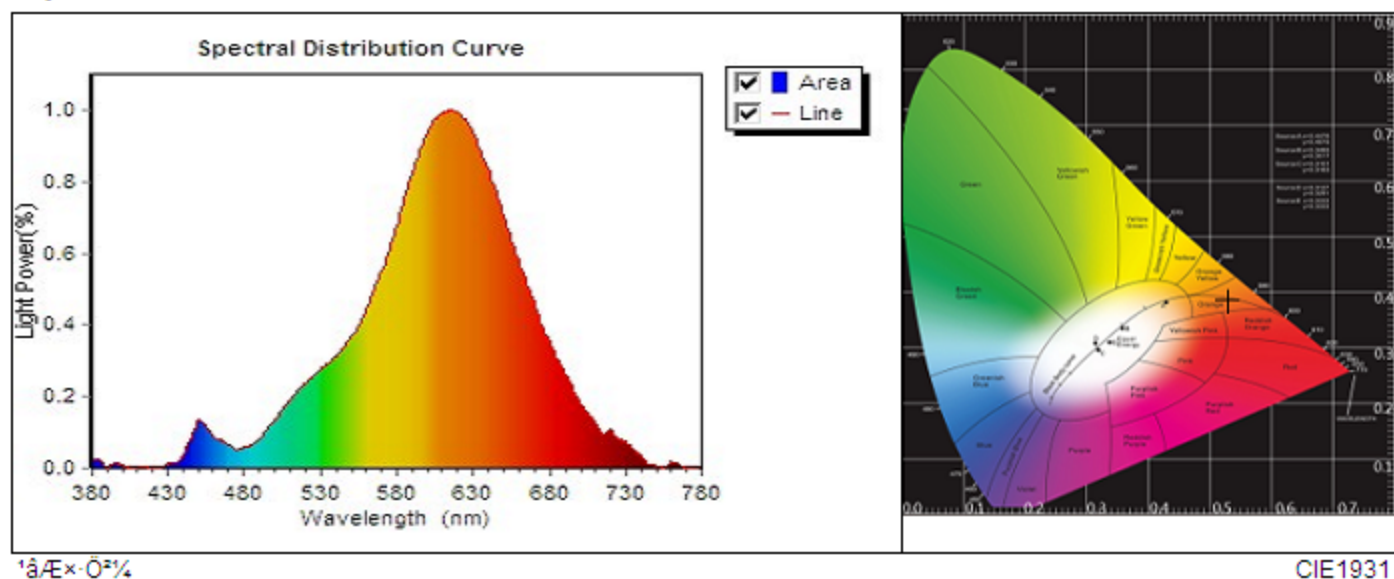
Test date. : 2023-10-19
Test equipment: SPEC2000A Spectrometer
Operator. : BZSP23-1708

Test Condition

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

Humidity : 65%
Peak AD. : 51790 (79.0%)
Integral time. : 978ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.5224$ $y=0.4202$ $u=0.2986$ $v=0.3603$ ($duv=0.0019$)
Color temperature: $TC=2079$ K Color difference: $SDCM=39.3$ Main Wavelength: $\lambda_d=600.02$ nm Purity: $Purity=0.403$
Peak wavelength: $\lambda_p=615.5$ nm FWHM: $\Delta\lambda_p=101.5$ nm Color ratio: $R=34.05\%$ $G=65.01\%$ $B=0.94\%$

Color rendering index (Ra): $Ra=79.9$

$R1=78.1$ $R2=90.8$ $R3=94.1$ $R4=76.7$ $R5=77.9$ $R6=91.7$ $R7=78.4$ $R8=51.2$
 $R9=2.3$ $R10=80.7$ $R11=77.0$ $R12=77.4$ $R13=81.7$ $R14=97.8$ $R15=68.7$

Optical Parameter

Luminous flux: 224.075 lm Luminous efficiency: 65.9 lm/w Radiant flux: 0.7336 W

Electrical Parameter

Voltage: 230.7 V Current: 0.018 A Watts: 3.40 W Power factor: 0.816

MEASUREFINE

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