



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-ST64E27-AHUM
Manufacturer : BLED

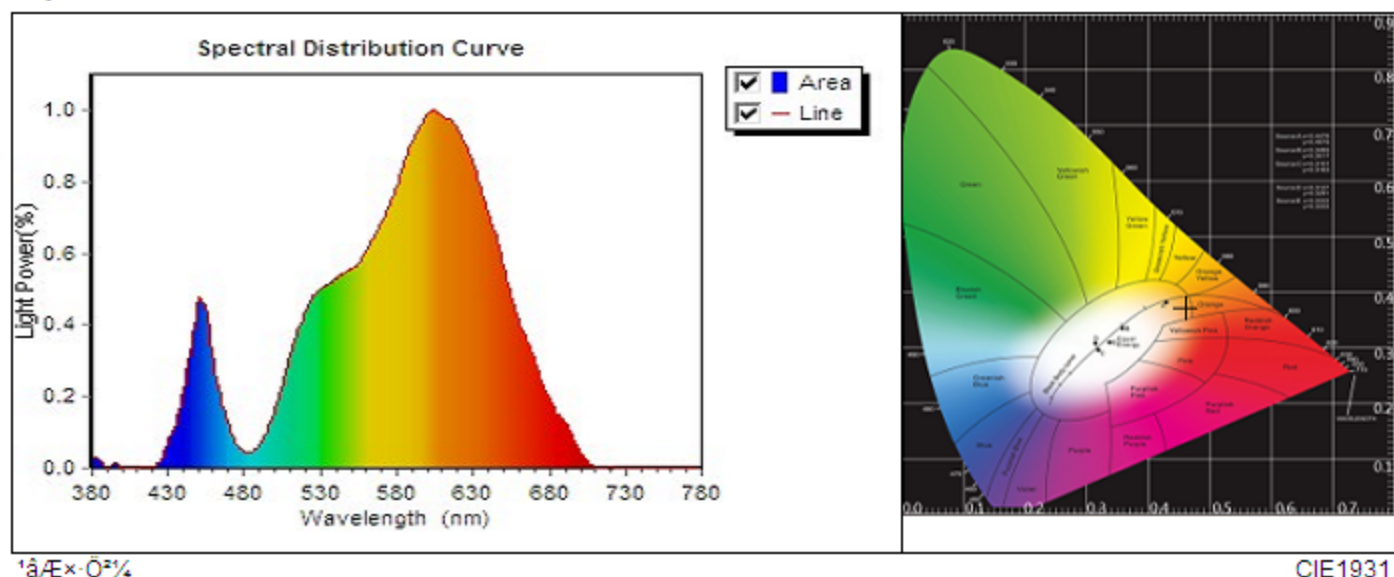
Test date. : 2023-10-19
Test equipment : SPEC2000A Spectrometer
Operator. : BZSP23-1703

Test Condition

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

Humidity : 65%
Peak AD. : 47132 (71.9%)
Integral time. : 1161ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4555$ $y=0.4089$ $u=0.2604$ $v=0.3507$ ($duv=-0.0002$)
Color temperature: $TC=2749$ K Color difference: $SDCM=5.2$ Main Wavelength: $\lambda_d=599.06$ nm Purity: $Purity=0.044$
Peak wavelength: $\lambda_p=604.2$ nm FWHM: $\Delta\lambda_p=124.1$ nm Color ratio: $R=26.63\%$ $G=72.16\%$ $B=1.21\%$

Color rendering index (Ra): $Ra=80.5$

$R1=79.9$ $R2=87.5$ $R3=93.8$ $R4=80.5$ $R5=78.5$ $R6=84.0$ $R7=82.5$ $R8=56.8$
 $R9=1.0$ $R10=70.0$ $R11=80.3$ $R12=59.4$ $R13=82.5$ $R14=95.7$ $R15=71.7$

Optical Parameter

Luminous flux: 172.655 lm luminous efficiency: 46.66 lm/w Radiant flux: 0.4934 W

Electrical Parameter

Voltage: 230.6 V Current: 0.030 A Watts: 3.70 W Power factor: 0.522

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