



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BOMBILLALED R90
Product No. : BS1-R90E27-BC
Manufacturer : BLED

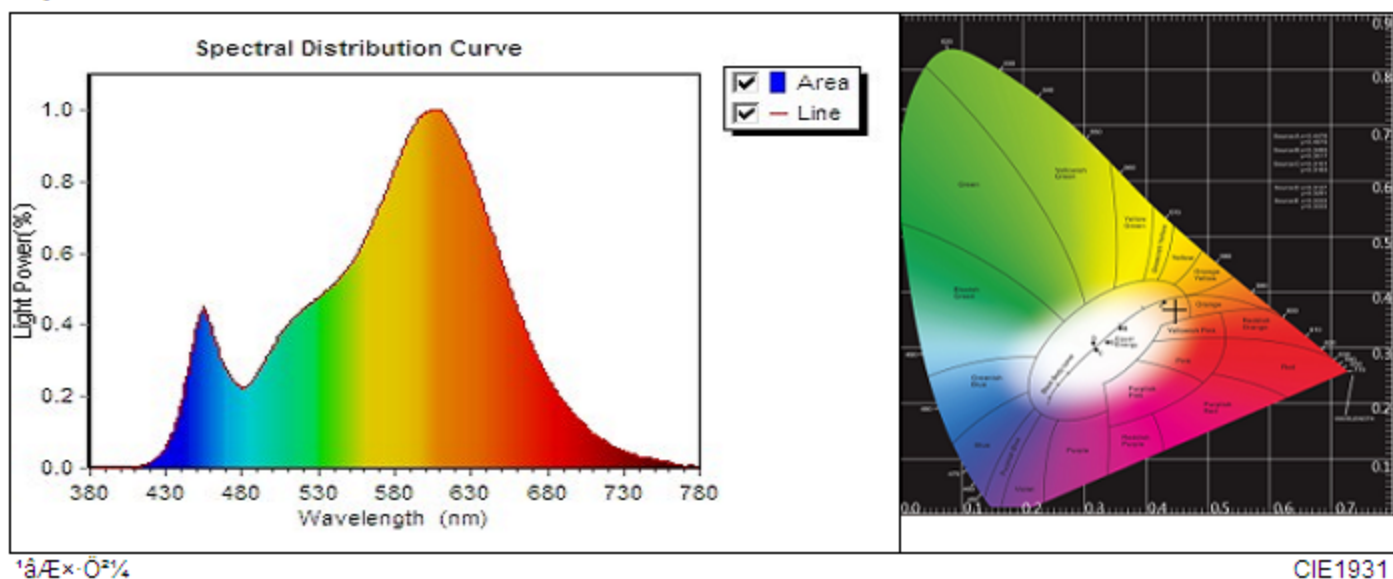
Test date. : 2022-03-09
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 47783 (72.9%)
Integral time. : 236ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4407$ $y=0.4036$ $u=0.2532$ $v=0.3478$ ($duv=-0.0007$)
Color temperature: $TC=2934$ K Color difference: $SDCM=0.4$ Main Wavelength: $\lambda_d=483.02$ nm Purity: $Purity=0.018$
Peak wavelength: $\lambda_p=606.6$ nm FWHM: $\Delta\lambda_p=119.7$ nm Color ratio: $R=25.57\%$ $G=71.87\%$ $B=2.56\%$

Color rendering index (Ra): $Ra=84.3$

$R1=83.8$ $R2=94.2$ $R3=93.6$ $R4=82.5$ $R5=84.7$ $R6=94.0$ $R7=81.6$ $R8=59.3$
 $R9=11.0$ $R10=87.3$ $R11=83.4$ $R12=79.0$ $R13=87.4$ $R14=97.1$ $R15=75.5$

Optical Parameter

Luminous flux: 1109.727 lm luminous efficiency: 102.75 lm/w Radiant flux: 3.3812 W

Electrical Parameter

Voltage: 230.4 V Current: 0.078 A Watts: 10.80 W Power factor: 0.600

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