



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BULB G45
Product No. : V100-G45
Manufacturer : BLED

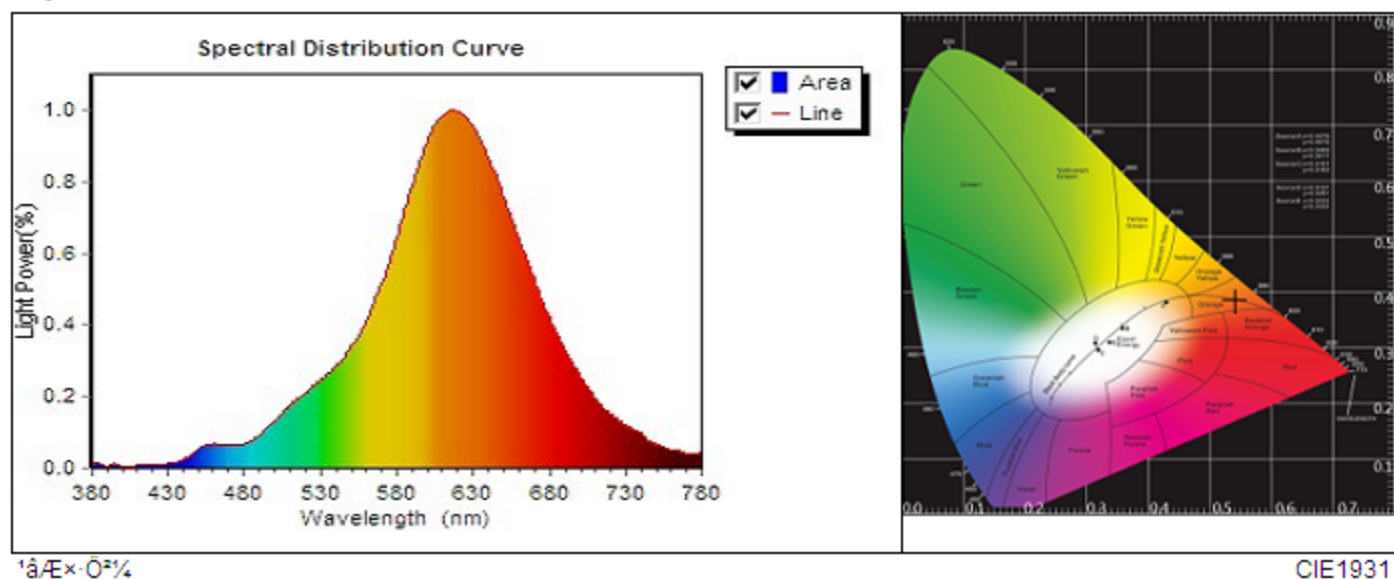
Test date. : 2023-05-10
Test equipment: SPEC2000A Spectrometer
Operator. : BL20210527QG

Test Condition

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

Humidity : 65%
Peak AD. : 46115 (70.4%)
Integral time. : 589ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.5342$ $y=0.4205$ $u=0.3062$ $v=0.3616$ ($duv=0.0024$)
Color temperature: $TC=1984$ K Color difference: $SDCM=47.1$ Main Wavelength: $\lambda_d=602$ nm Purity: $Purity=0.441$
Peak wavelength: $\lambda_p=616.5$ nm FWHM: $\Delta\lambda_p=104.0$ nm Color ratio: $R=35.76\%$ $G=63.28\%$ $B=0.96\%$

Color rendering index (Ra): $Ra=81$

$R1=79.4$ $R2=92.0$ $R3=92.7$ $R4=77.7$ $R5=79.6$ $R6=94.2$ $R7=78.8$ $R8=53.3$
 $R9=8.2$ $R10=84.0$ $R11=78.4$ $R12=84.6$ $R13=83.0$ $R14=96.9$ $R15=70.0$

Optical Parameter

Luminous flux: 370.55 lm Luminous efficiency: 90.38 lm/w Radiant flux: 1.3138 W

Electrical Parameter

Voltage: 230.6 V Current: 0.032 A Watts: 4.10 W Power factor: 0.549

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