



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : G4
Product No. : B480-BC
Manufacturer : BLED

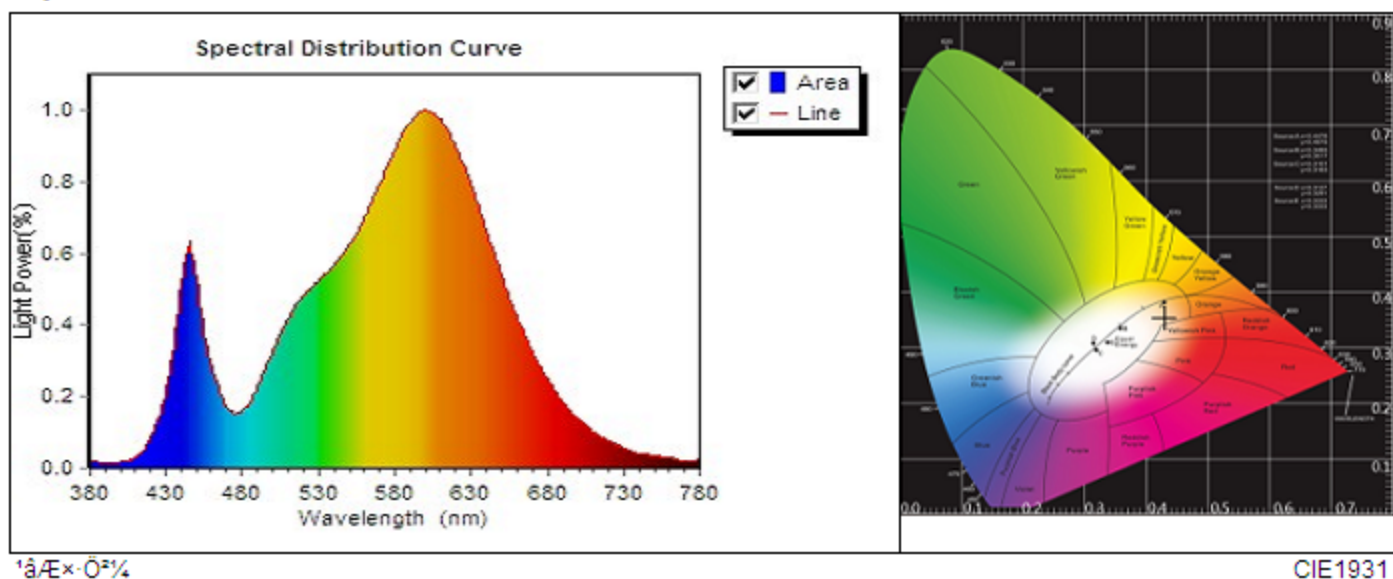
Test date. : 2021-07-28
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 43337 (66.1%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4244$ $y=0.3924$ $u=0.2475$ $v=0.3432$ ($duv=-0.0029$)
Color temperature: $TC=3125K$ Color difference: $SDCM=7.8$ Main Wavelength: $\lambda_d=482.04nm$ Purity: $Purity=0.062$
Peak wavelength: $\lambda_p=600.1nm$ FWHM: $\lambda_p=128.9nm$ Color ratio: $R=23.81\%$ $G=74.02\%$ $B=2.18\%$

Color rendering index (Ra): $Ra=81.1$

$R1=79.4$ $R2=88.6$ $R3=95.8$ $R4=80.1$ $R5=80.0$ $R6=85.9$ $R7=81.7$ $R8=57.3$
 $R9=0.5$ $R10=74.4$ $R11=79.9$ $R12=72.6$ $R13=82.0$ $R14=97.9$ $R15=72.1$

Optical Parameter

Luminous flux: $221.722lm$ Luminous efficiency: $120.83lm/w$ Radiant flux: $0.6778W$

Electrical Parameter

Voltage: $11.99V$ Current: $0.153A$ Watts: $1.835W$ Power factor: 1.000

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