



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BOMBILLA
Product No. : BS1-PAR16GU10-120-6W-DIM-BC
Manufacturer : BLED

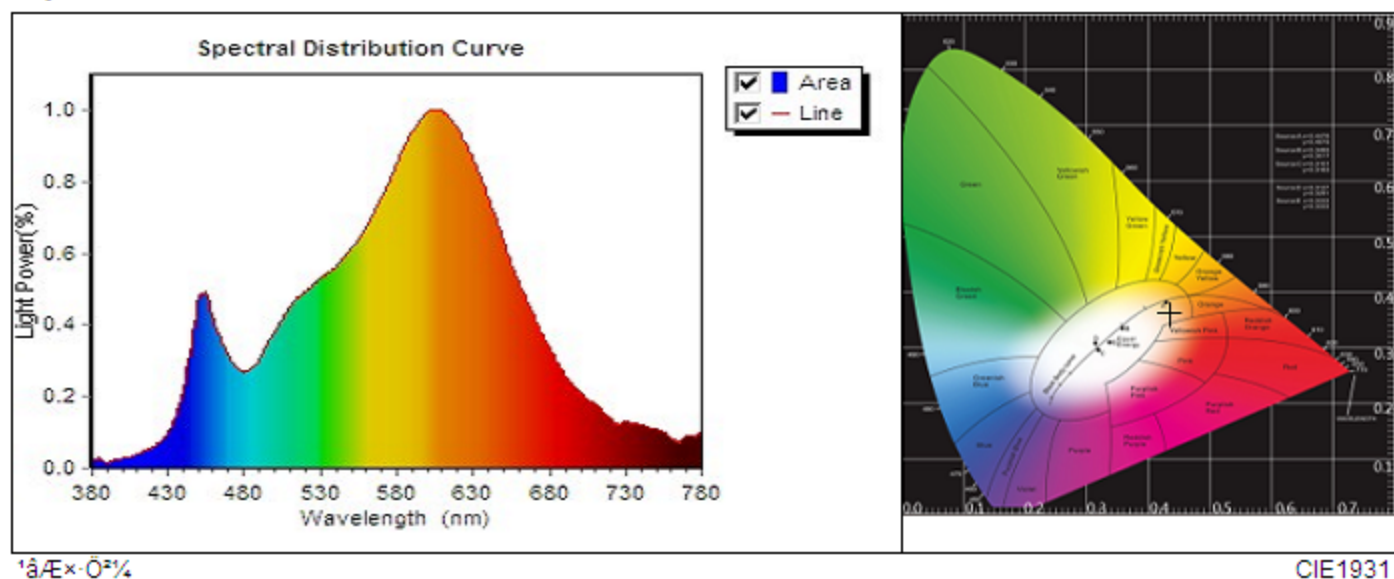
Test date. : 2024-08-06
Test equipment: SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 50615 (77.2%)
Integral time. : 432ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4294$ $y=0.3988$ $u=0.2479$ $v=0.3454$ ($duv=-0.0010$)
Color temperature: $TC=3088K$ Color difference: $SDCM=5.6$ Main Wavelength: $\lambda_d=484.07nm$ Purity: $Purity=0.046$
Peak wavelength: $\lambda_p=605.2nm$ FWHM: $\Delta\lambda_p=140.3nm$ Color ratio: $R=24.83\%$ $G=72.36\%$ $B=2.81\%$

Color rendering index (Ra): $Ra=87.1$

$R1=86.8$ $R2=95.1$ $R3=95.3$ $R4=86.0$ $R5=87.6$ $R6=94.6$ $R7=84.8$ $R8=66.4$
 $R9=25.4$ $R10=88.9$ $R11=86.9$ $R12=81.6$ $R13=89.8$ $R14=98.1$ $R15=79.9$

Optical Parameter

Luminous flux: $667.492lm$ Luminous efficiency: $123.61lm/w$ Radiant flux: $2.1956W$

Electrical Parameter

Voltage: $230.6V$ Current: $0.031A$ Watts: $5.40W$ Power factor: 0.749

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