



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BOMBILLA
Product No. : BS1-PAR16GU10-120-5W-BF
Manufacturer : BLED

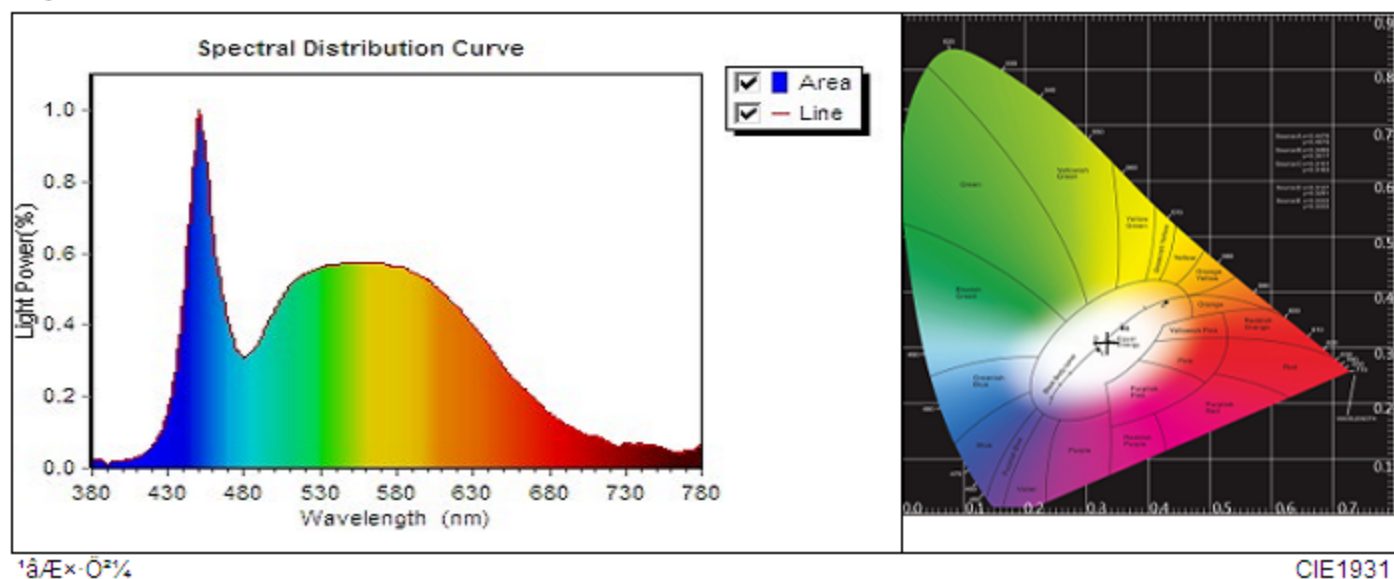
Test date. : 2024-08-06
Test equipment : SPEC2000A Spectrometer
Operator : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 51289 (78.3%)
Integral time. : 461ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3281$ $y=0.3505$ $u=0.2003$ $v=0.3211$ ($duv=0.0067$)
Color temperature: $TC=5688$ K Color difference: $SDCM=5.6$ Main Wavelength: $\lambda_d=484.04$ nm Purity: $Purity=0.304$
Peak wavelength: $\lambda_p=450.8$ nm FWHM: $\Delta\lambda_p=24.5$ nm Color ratio: $R=15.71\%$ $G=79.44\%$ $B=4.85\%$

Color rendering index (Ra): $Ra=85.7$

$R1=83.6$ $R2=89.4$ $R3=93.7$ $R4=85.3$ $R5=84.4$ $R6=85.4$ $R7=89.9$ $R8=73.2$
 $R9=21.1$ $R10=75.3$ $R11=84.9$ $R12=65.8$ $R13=85.8$ $R14=96.8$ $R15=78.8$

Optical Parameter

Luminous flux: 553.439 lm luminous efficiency: 128.71 lm/w Radiant flux: 1.8382 W

Electrical Parameter

Voltage: 230.5 V Current: 0.033 A Watts: 4.30 W Power factor: 0.563

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