



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

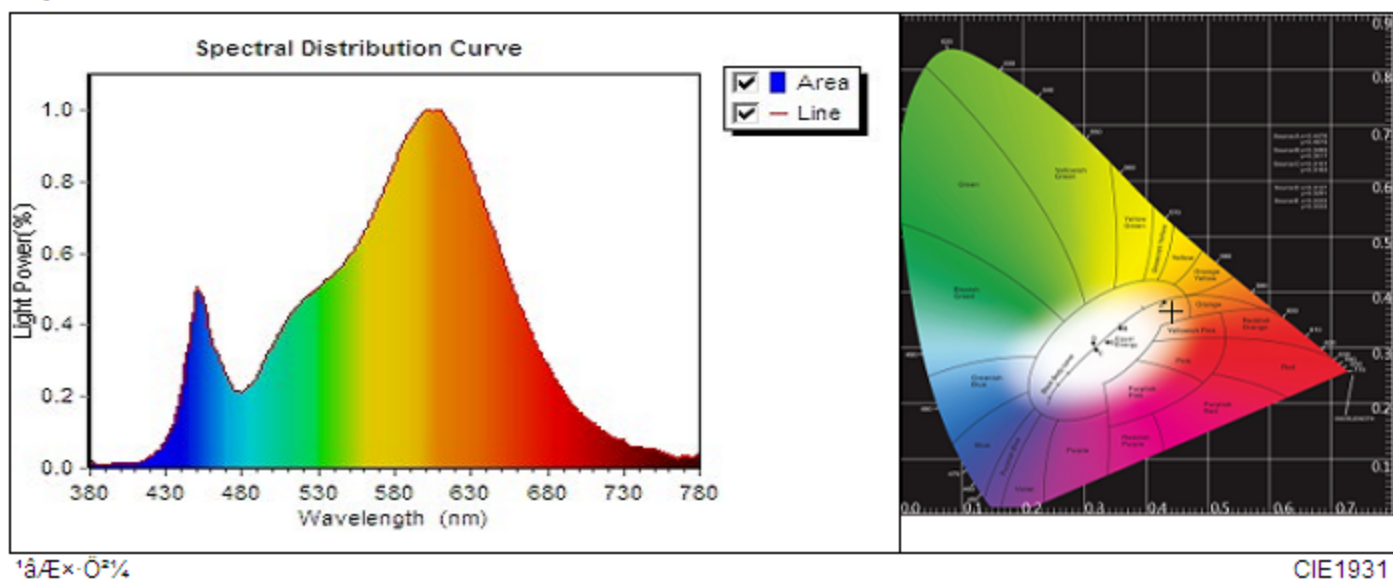
Test date. : 2024-08-06
Test equipment : SPEC2000A Spectrometer
Operator : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 50192 (76.6%)
Integral time. : 530ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4360$ $y=0.4020$ $u=0.2508$ $v=0.3470$ ($duv=-0.0007$)
Color temperature: $TC=3000$ K Color difference: $SDCM=2.3$ Main Wavelength: $\lambda_d=484.07$ nm Purity: $Purity=0.03$
Peak wavelength: $\lambda_p=601.9$ nm FWHM: $\Delta\lambda_p=128.8$ nm Color ratio: $R=25.07\%$ $G=72.44\%$ $B=2.49\%$

Color rendering index (Ra): $Ra=84.7$

$R1=83.8$ $R2=93.2$ $R3=95.5$ $R4=83.3$ $R5=84.5$ $R6=92.4$ $R7=83.1$ $R8=61.4$
 $R9=13.8$ $R10=84.7$ $R11=84.0$ $R12=77.4$ $R13=87.0$ $R14=98.3$ $R15=76.1$

Optical Parameter

Luminous flux: 524.163 lm luminous efficiency: 111.52 lm/w Radiant flux: 1.6339 W

Electrical Parameter

Voltage: 230.5 V Current: 0.033 A Watts: 4.70 W Power factor: 0.611

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