



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BOMBILLA
Product No. : BS1-PAR16GU10-120-7W-BN
Manufacturer : BLED

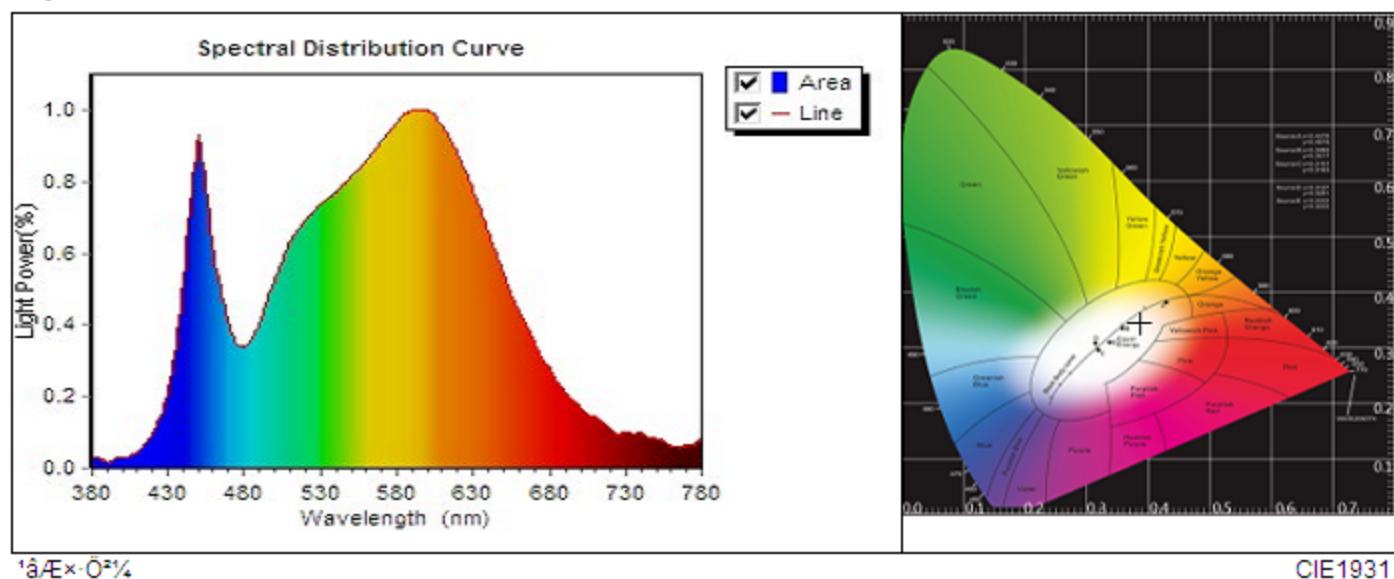
Test date. : 2024-08-06
Test equipment: SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 55565 (84.8%)
Integral time. : 432ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3821$ $y=0.3831$ $u=0.2237$ $v=0.3364$ ($duv=0.0025$)
Color temperature: $TC=4001$ K Color difference: $SDCM=1.2$ Main Wavelength: $\lambda_d=485.09$ nm Purity: $Purity=0.162$
Peak wavelength: $\lambda_p=594.8$ nm FWHM: $\Delta\lambda_p=156.5$ nm Color ratio: $R=19.84\%$ $G=76.80\%$ $B=3.36\%$

Color rendering index (Ra): $Ra=84.6$

$R1=82.7$ $R2=89.8$ $R3=95.9$ $R4=84.1$ $R5=83.0$ $R6=86.5$ $R7=87.6$ $R8=67.1$
 $R9=14.3$ $R10=76.3$ $R11=83.6$ $R12=67.7$ $R13=85.0$ $R14=97.8$ $R15=76.3$

Optical Parameter

Luminous flux: 792.522 lm luminous efficiency: 118.29 lm/w Radiant flux: 2.4987 W

Electrical Parameter

Voltage: 230.4 V Current: 0.050 A Watts: 6.70 W Power factor: 0.578

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