



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

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

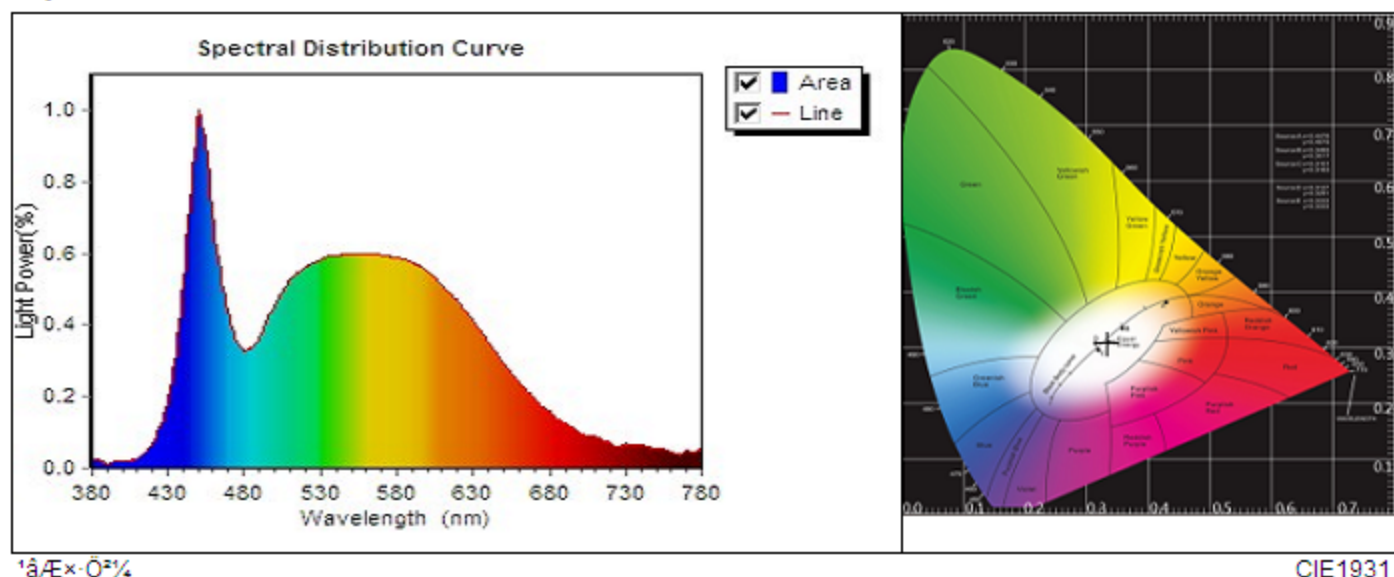
Test date. : 2024-08-06
Test equipment : SPEC2000A Spectrometer
Operator : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 51033 (77.9%)
Integral time. : 384ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3275$ $y=0.3493$ $u=0.2004$ $v=0.3206$ ($duv=0.0063$)
Color temperature: $TC=5710$ K Color difference: $SDCM=5.2$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.307$
Peak wavelength: $\lambda_p=451.0$ nm FWHM: $\Delta\lambda_p=26.3$ nm Color ratio: $R=15.67\%$ $G=79.47\%$ $B=4.86\%$

Color rendering index (Ra): $Ra=85.4$

$R1=83.4$ $R2=89.3$ $R3=93.5$ $R4=85.2$ $R5=84.2$ $R6=85.3$ $R7=89.6$ $R8=72.7$
 $R9=19.5$ $R10=74.8$ $R11=84.7$ $R12=66.3$ $R13=85.7$ $R14=96.6$ $R15=78.6$

Optical Parameter

Luminous flux: 685.981 lm Luminous efficiency: 100.88 lm/w Radiant flux: 2.2685 W

Electrical Parameter

Voltage: 230.4 V Current: 0.047 A Watts: 6.80 W Power factor: 0.622

MEASUREFINE

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