



Spectral test report for lamp

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

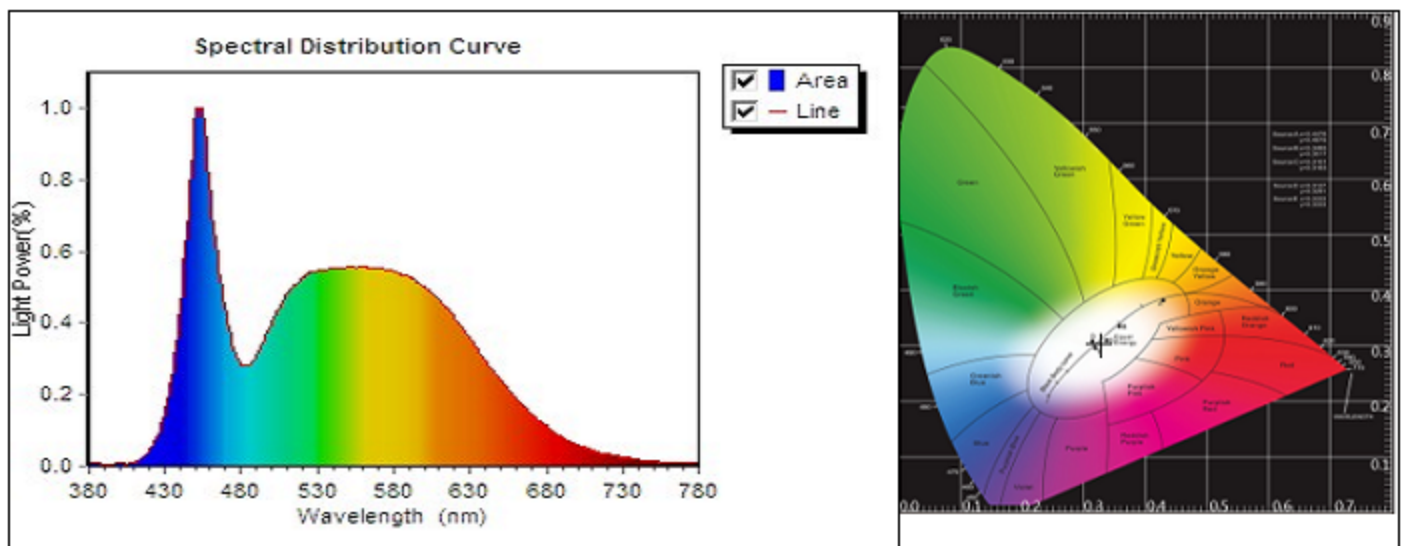
Test date. : 2025-11-12
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 57129 (87.2%)
Integral time. : 9ms

Spectral Parameter



1â€¦x-0²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3216$ $y=0.3440$ $u=0.1984$ $v=0.3183$ ($duv=0.0065$)

Color temperature: $TC=5984$ K Color difference: $SDCM=3.2$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.324$

Peak wavelength: $\lambda_p=452.5$ nm FWHM: $\lambda_p=24.6$ nm Color ratio: $R=15.11\%$ $G=80.00\%$ $B=4.90\%$

Color rendering index (Ra): $Ra=83.9$

$R1=81.8$ $R2=88.4$ $R3=92.6$ $R4=83.2$ $R5=82.3$ $R6=83.6$ $R7=88.8$ $R8=70.1$

$R9=10.3$ $R10=72.2$ $R11=82.5$ $R12=60.3$ $R13=84.4$ $R14=96.2$ $R15=76.7$

Optical Parameter

Luminous flux: 755.133 lm luminous efficiency: 112.71 lm/w Radiant flux: 2.4047 W

Electrical Parameter

Voltage: 230.4 V Current: 0.049 A Watte: 6.70 W Power factor: 0.591

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