



Spectral test report for lamp

Product type : WALL LAMP
Product No. : LM115-100-BC
Manufacturer : BLED

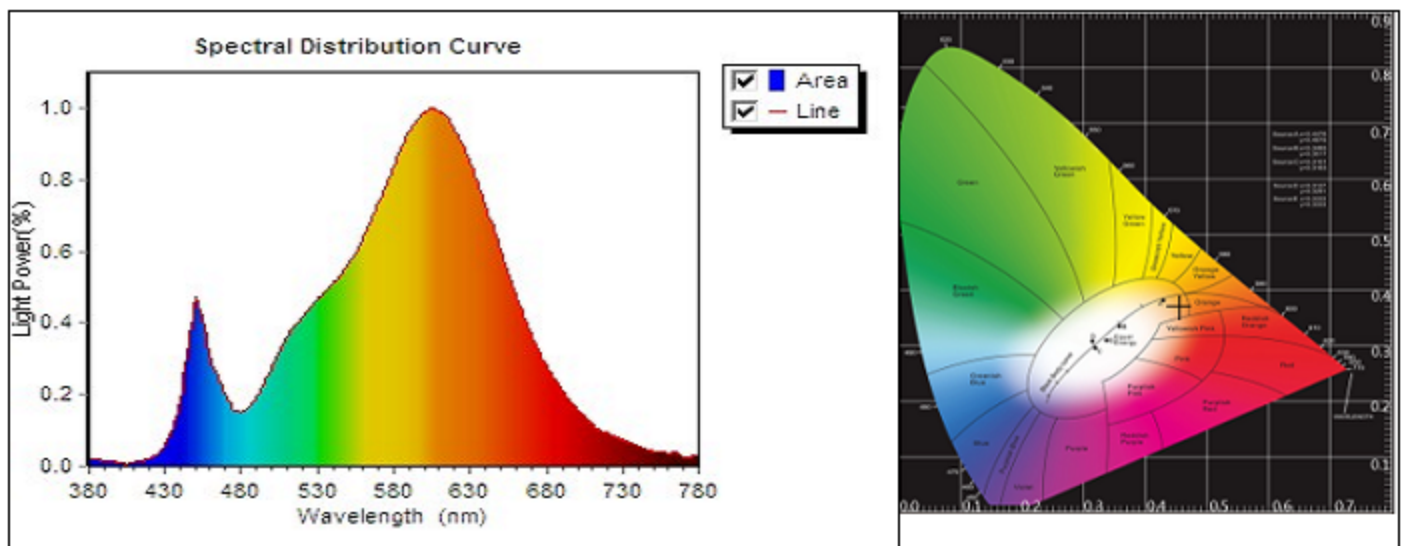
Test date. : 2023-06-08
Test equipment : SPEC2000A Spectrometer
Operator. : BL20221111HT

Test Condition

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

Humidity : 65%
Peak AD. : 49181 (75.0%)
Integral time. : 222ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4497$ $y=0.4064$ $u=0.2578$ $v=0.3495$ ($duv=-0.0006$)

Color temperature: $TC=2815$ K Color difference: $SDCM=5.2$ Main Wavelength: $\lambda_d=494.95$ nm Purity: $Purity=0.005$

Peak wavelength: $\lambda_p=605.2$ nm FWHM: $\lambda_p=121.1$ nm Color ratio: $R=26.08\%$ $G=71.92\%$ $B=2.01\%$

Color rendering index (Ra): $Ra=82.5$

$R1=81.0$ $R2=91.1$ $R3=96.3$ $R4=80.5$ $R5=81.2$ $R6=89.5$ $R7=82.0$ $R8=58.0$

$R9=7.3$ $R10=79.9$ $R11=80.1$ $R12=72.5$ $R13=84.1$ $R14=98.7$ $R15=73.4$

Optical Parameter

Luminous flux: 1271.691 lm luminous efficiency: 51.49 lm/w Radiant flux: 3.9288 W

Electrical Parameter

Voltage: 229.9 V Current: 0.190 A Wate: 24.70 W Power factor: 0.563

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