



Spectral test report for lamp

Product type : BATHROOM LED LIGHT
Product No. : LE209-N-BN
Manufacturer : BLED

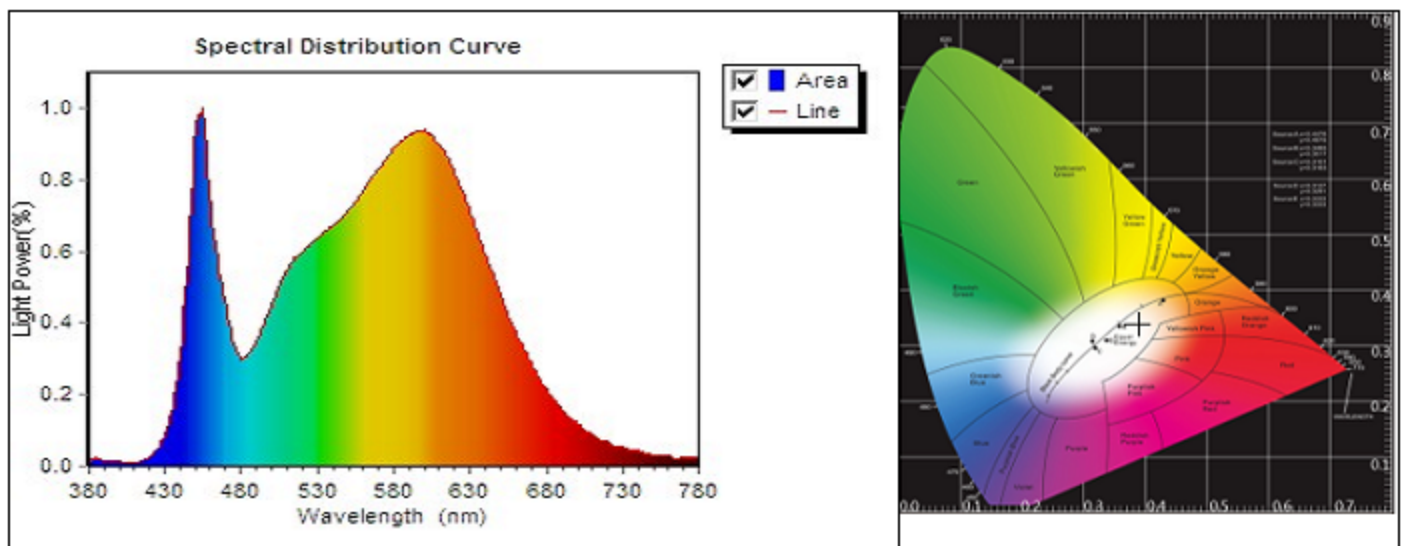
Test date. : 2023-04-19
Test equipment : SPEC2000A Spectrometer
Operator. : YJ22X073

Test Condition

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

Humidity : 65%
Peak AD. : 43562 (66.5%)
Integral time. : 514ms

Spectral Parameter



1â€¦x-0²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3835$ $y=0.3783$ $u=0.2265$ $v=0.3352$ ($duv=-0.0002$)

Color temperature: $TC=3928$ K Color difference: $SDCM=2.9$ Main Wavelength: $\lambda_d=484.04$ nm Purity: $Purity=0.162$

Peak wavelength: $\lambda_p=453.1$ nm FWHM: $\lambda_p=23.4$ nm Color ratio: $R=20.39\%$ $G=76.10\%$ $B=3.52\%$

Color rendering index (Ra): $Ra=84.5$

$R1=83.4$ $R2=92.0$ $R3=96.1$ $R4=82.5$ $R5=83.3$ $R6=88.4$ $R7=85.3$ $R8=64.8$

$R9=12.4$ $R10=80.7$ $R11=82.1$ $R12=64.0$ $R13=86.5$ $R14=98.5$ $R15=77.1$

Optical Parameter

Luminous flux: 516.836 lm luminous efficiency: 103.37 lm/w Radiant flux: 1.5841 W

Electrical Parameter

Voltage: 230.6 V Current: 0.034 A Wate: 5.00 W Power factor: 0.626

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