



Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1278-BF
Manufacturer : BLED

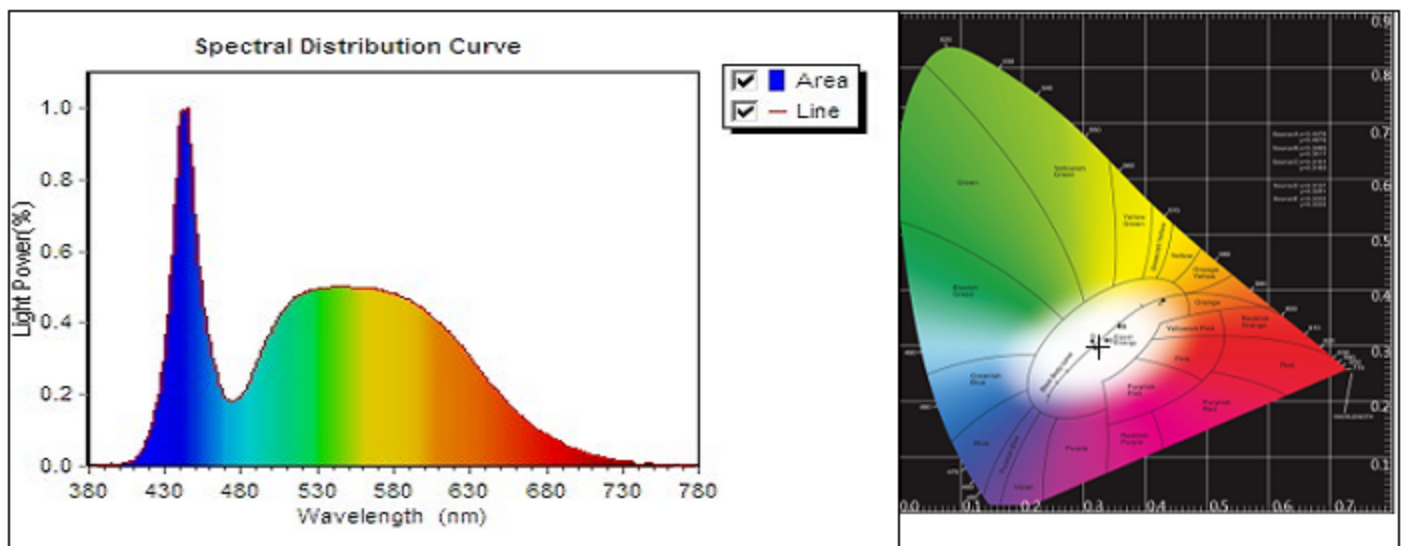
Test date. : 2025-01-02
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51367 (78.4%)
Integral time. : 119ms

Spectral Parameter



1â€¦x-0²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3191$ $y=0.3398$ $u=0.1982$ $v=0.3166$ ($duv=0.0055$)

Color temperature: $TC=6120$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=483.04$ nm Purity: $Purity=0.331$

Peak wavelength: $\lambda_p=442.7$ nm FWHM: $\lambda_p=20.8$ nm Color ratio: $R=14.65\%$ $G=81.13\%$ $B=4.22\%$

Color rendering index (Ra): $Ra=80.2$

$R1=79.1$ $R2=82.2$ $R3=86.0$ $R4=81.7$ $R5=81.1$ $R6=78.2$ $R7=83.9$ $R8=68.9$

$R9=1.7$ $R10=59.6$ $R11=83.6$ $R12=65.8$ $R13=79.7$ $R14=92.4$ $R15=73.0$

Optical Parameter

Luminous flux: 1900.243 lm luminous efficiency: 96.95 lm/w Radiant flux: 6.0472 W

Electrical Parameter

Voltage: 230.3 V Current: 0.142 A Wate: 19.60 W Power factor: 0.599

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