



Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1221-BC
Manufacturer : BLED

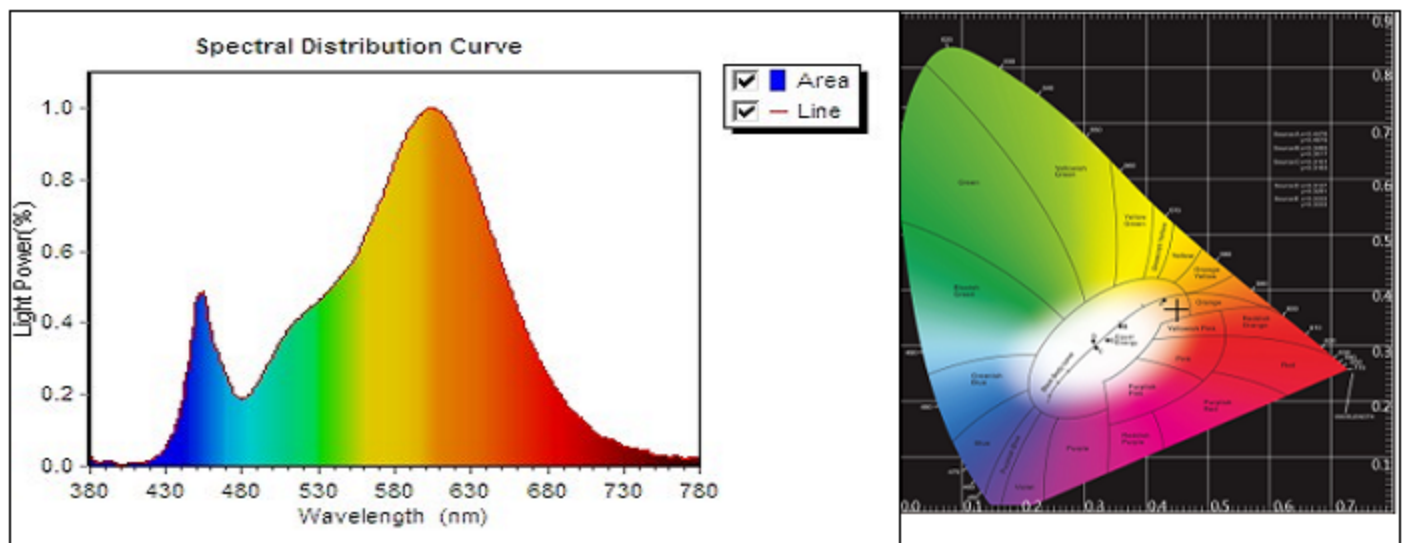
Test date. : 2022-04-11
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 30713 (46.9%)
Integral time. : 96ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4426$ $y=0.4025$ $u=0.2549$ $v=0.3477$ ($duv=-0.0013$)

Color temperature: $TC=2894$ K Color difference: $SDCM=1.8$ Main Wavelength: $\lambda_d=477.04$ nm Purity: $Purity=0.015$

Peak wavelength: $\lambda_p=603.9$ nm FWHM: $\lambda_p=117.2$ nm Color ratio: $R=25.59\%$ $G=72.05\%$ $B=2.36\%$

Color rendering index (Ra): $Ra=82.4$

$R1=81.4$ $R2=92.6$ $R3=93.9$ $R4=80.0$ $R5=82.1$ $R6=91.7$ $R7=80.5$ $R8=56.4$

$R9=4.7$ $R10=83.7$ $R11=80.1$ $R12=75.2$ $R13=85.1$ $R14=97.4$ $R15=73.3$

Optical Parameter

Luminous flux: 1706.725 lm luminous efficiency: 108.02 lm/w Radiant flux: 5.2192 W

Electrical Parameter

Voltage: 230.5 V Current: 0.074 A Wate: 15.80 W Power factor: 0.918

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