



Spectral test report for lamp

Product type : LED BATTEN CCT
Product No. : B8596-CCT-120_NW
Manufacturer : BLED

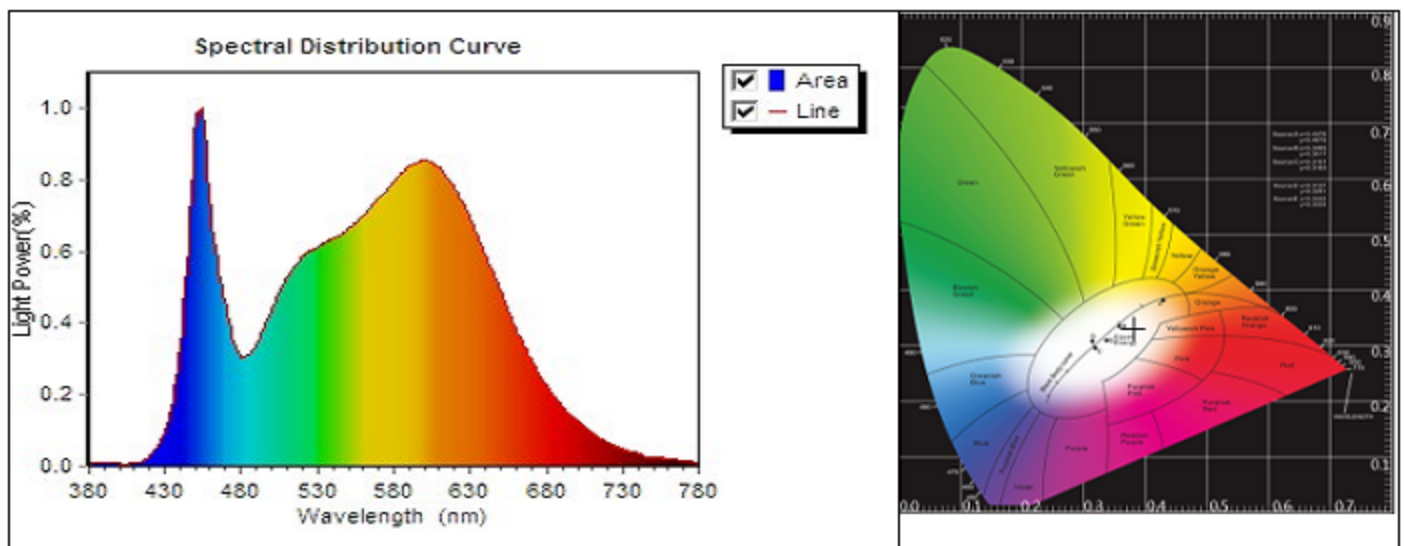
Test date. : 2023-07-18
Test equipment : SPEC2000A Spectrometer
Operator. : LG23193

Test Condition

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

Humidity : 65%
Peak AD. : 39950 (61.0%)
Integral time. : 50ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3770$ $y=0.3699$ $u=0.2256$ $v=0.3320$ ($duv=-0.0022$)

Color temperature: $TC=4044$ K Color difference: $SDCM=4.1$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.182$

Peak wavelength: $\lambda_p=452.7$ nm FWHM: $\lambda_p=22.7$ nm Color ratio: $R=20.64\%$ $G=75.59\%$ $B=3.77\%$

Color rendering index (Ra): $Ra=88$

$R1=88.0$ $R2=94.3$ $R3=96.5$ $R4=86.9$ $R5=87.7$ $R6=90.7$ $R7=87.7$ $R8=72.0$

$R9=30.9$ $R10=85.4$ $R11=87.3$ $R12=67.7$ $R13=90.5$ $R14=98.7$ $R15=83.1$

Optical Parameter

Luminous flux: 4938.263 lm luminous efficiency: 129.95 lm/w Radiant flux: 15.5851 W

Electrical Parameter

Voltage: 230.5 V Current: 0.168 A Wate: 38.00 W Power factor: 0.981

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