



Spectral test report for lamp

Product type : LED STRIP 230V
Product No. : B1536-5-BN_1mt
Manufacturer : BLED

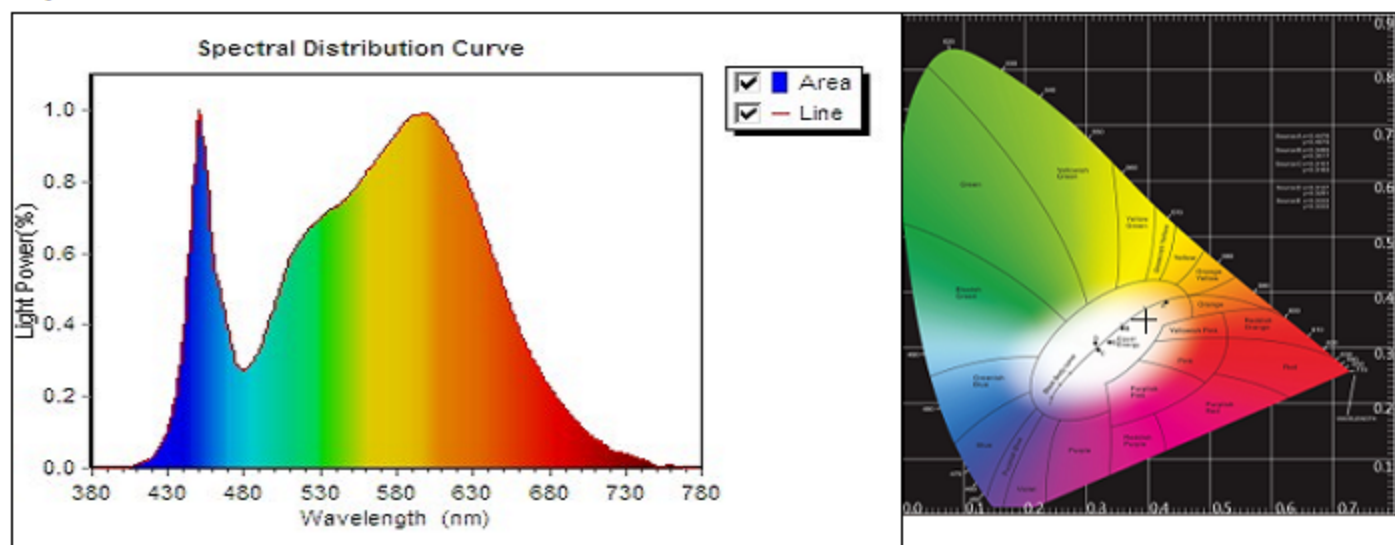
Test date. : 2023-07-27
Test equipment : SPEC2000A Spectrometer
Operator. : VL-20230402002

Test Condition

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

Humidity : 65%
Peak AD. : 30930 (47.2%)
Integral time. : 213ms

Spectral Parameter



1â€¦x-0%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3890$ $y=0.3877$ $u=0.2264$ $v=0.3384$ ($duv=0.0026$)

Color temperature: $TC=3858$ K Color difference: $SDCM=4.2$ Main Wavelength: $\lambda_d=486.05$ nm Purity: $Purity=0.144$

Peak wavelength: $\lambda_p=450.9$ nm FWHM: $\lambda_p=22.0$ nm Color ratio: $R=20.26\%$ $G=76.66\%$ $B=3.08\%$

Color rendering index (Ra): $Ra=83.3$

$R1=81.4$ $R2=89.3$ $R3=95.7$ $R4=82.5$ $R5=81.4$ $R6=85.5$ $R7=86.3$ $R8=63.9$

$R9=7.3$ $R10=74.9$ $R11=81.9$ $R12=61.7$ $R13=84.1$ $R14=97.8$ $R15=74.5$

Optical Parameter

Luminous flux: 875.477 lm luminous efficiency: 73.57 lm/w Radiant flux: 2.6005 W

Electrical Parameter

Voltage: 230.4 V Current: 0.055 A Wate: 11.90 W Power factor: 0.936

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