



Spectral test report for lamp

Product type : LED STRIP COB
Product No. : B1559-5-AZ_80mm
Manufacturer : BLED

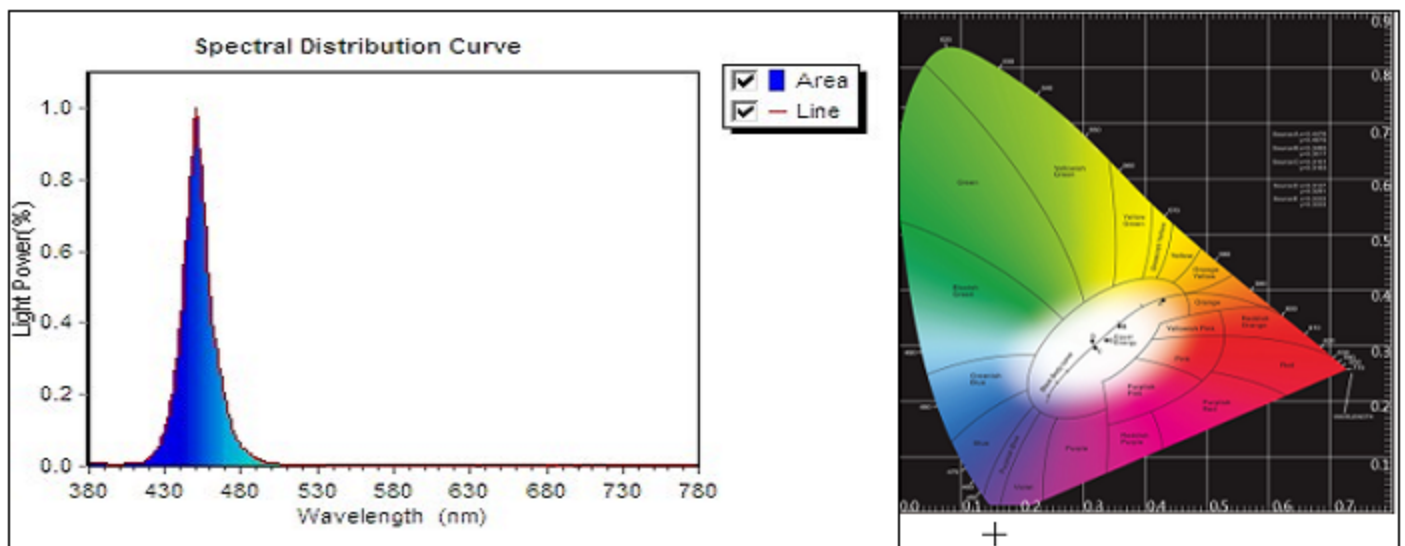
Test date. : 2023-06-20
Test equipment : SPEC2000A Spectrometer
Operator. : VL-20221237002

Test Condition

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

Humidity : 65%
Peak AD. : 54497 (83.2%)
Integral time. : 11ms

Spectral Parameter



1â€¦x-0²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1549$ $y=0.0287$ $u=0.2042$ $v=0.0568$ ($duv=-0.2165$)

Color temperature: $TC=100000$ K Color difference: $SDCM=118.2$ Main Wavelength: $\lambda_d=470.04$ nm Purity: $Purity=1.005$

Peak wavelength: $\lambda_p=450.2$ nm FWHM: $\lambda_p=17.5$ nm Color ratio: $R=2.76\%$ $G=16.39\%$ $B=80.85\%$

Color rendering index (Ra): $Ra=-53$

$R1=17.2$ $R2=-45.1$ $R3=-169.8$ $R4=-100.6$ $R5=25.5$ $R6=-47.9$ $R7=-62.5$ $R8=-41.4$

$R9=-162.4$ $R10=-244.7$ $R11=-121.6$ $R12=-105.6$ $R13=-9.4$ $R14=-40.4$ $R15=27.8$

Optical Parameter

Luminous flux: 14.541 lm Luminous efficiency: 17.31 lm/w Radiant flux: 0.3864 W

Electrical Parameter

Voltage: 24.0 V Current: 0.035 A Watte: 0.84 W Power factor: 1.000

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