



Spectral test report for lamp

Product type : MINI SPOT LED
Product No. : B859-B-BN
Manufacturer : BLED

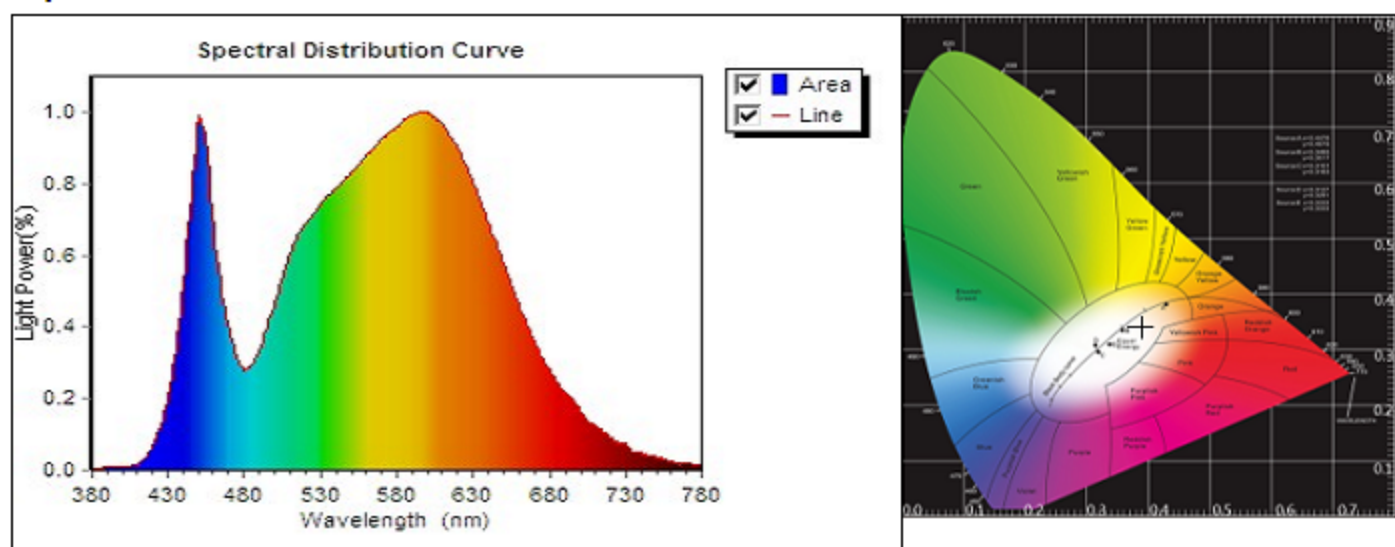
Test date. : 2024-08-13
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49553 (75.6%)
Integral time. : 480ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3833$ $y=0.3807$ $u=0.2254$ $v=0.3358$ ($duv=0.0010$)

Color temperature: $TC=3954$ K Color difference: $SDCM=1.8$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.161$

Peak wavelength: $\lambda_p=596.9$ nm FWHM: $\lambda_p=154.8$ nm Color ratio: $R=20.09\%$ $G=76.80\%$ $B=3.11\%$

Color rendering index (Ra): $Ra=84.2$

$R1=82.8$ $R2=88.9$ $R3=93.6$ $R4=83.8$ $R5=82.5$ $R6=84.4$ $R7=88.0$ $R8=68.8$

$R9=18.5$ $R10=73.4$ $R11=82.7$ $R12=62.9$ $R13=84.7$ $R14=96.3$ $R15=77.6$

Optical Parameter

Luminous flux: 638.267 lm luminous efficiency: 92.5 lm/w Radiant flux: 1.9728 W

Electrical Parameter

Voltage: 230.5 V Current: 0.055 A Watto: 6.90 W Power factor: 0.538

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