



Spectral test report for lamp

Product type :
Product No. : LCM-8W-B-BC
Manufacturer : bled

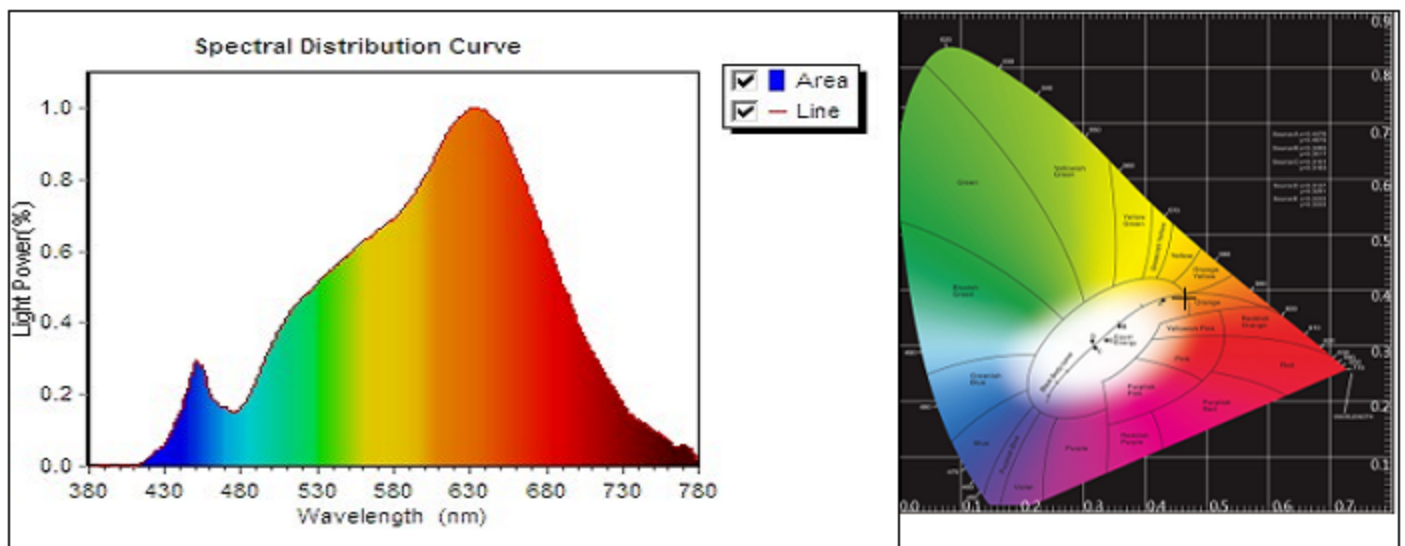
Test date. : 2024-03-27
Test equipment : SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 39193 (59.8%)
Integral time. : 576ms

Spectral Parameter



1â€¦x-0%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4574$ $y=0.4212$ $u=0.2563$ $v=0.3540$ ($duv=0.0041$)

Color temperature: $TC=2816$ K Color difference: $SDCM=4.1$ Main Wavelength: $\lambda_d=572.04$ nm Purity: $Purity=0.132$

Peak wavelength: $\lambda_p=633.4$ nm FWHM: $\lambda_p=164.3$ nm Color ratio: $R=27.25\%$ $G=70.70\%$ $B=2.05\%$

Color rendering index (Ra): $Ra=96.3$

$R1=97.0$ $R2=95.9$ $R3=93.8$ $R4=98.9$ $R5=96.1$ $R6=95.3$ $R7=98.9$ $R8=93.9$

$R9=82.1$ $R10=89.9$ $R11=98.5$ $R12=84.4$ $R13=96.6$ $R14=95.7$ $R15=94.3$

Optical Parameter

Luminous flux: 440.4 lm luminous efficiency: 64.76 lm/w Radiant flux: 1.6197 W

Electrical Parameter

Voltage: 240.5 V Current: 0.056 A Watto: 6.80 W Power factor: 0.502

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