



Spectral test report for lamp

Product type :
Product No. : LM116-100-BC
Manufacturer : bled

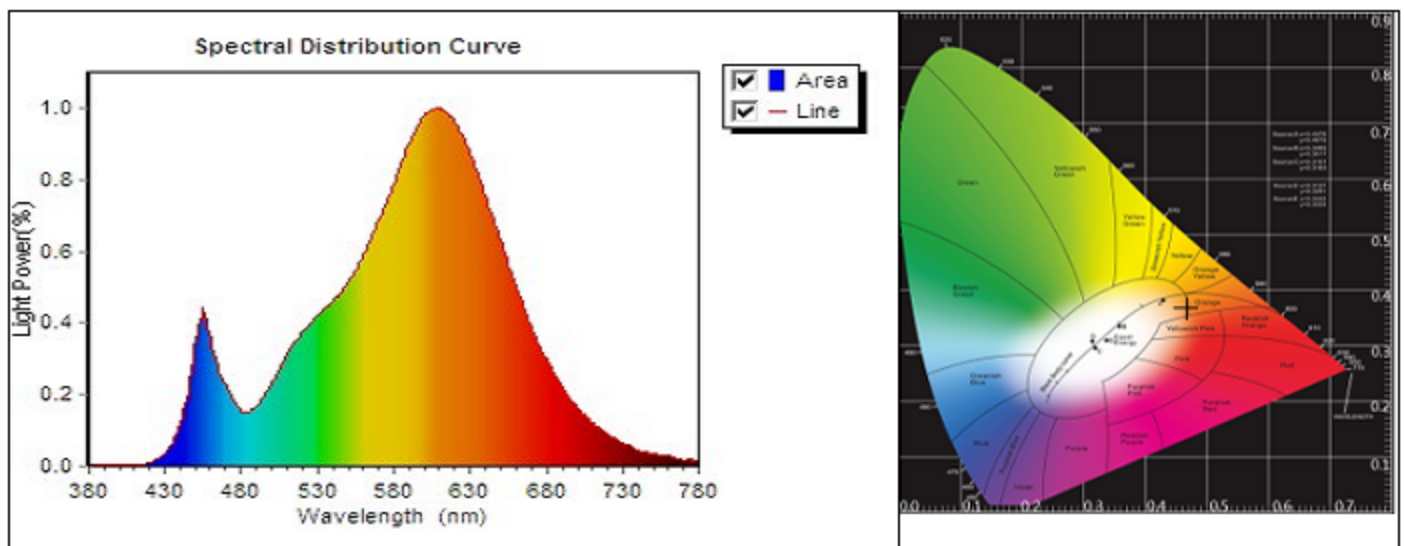
Test date. : 2024-04-17
Test equipment : SPEC2000A Spectrometer
Operator. : IONUT

Test Condition

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

Humidity : 65%
Peak AD. : 52839 (80.6%)
Integral time. : 144ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4605$ $y=0.4045$ $u=0.2657$ $v=0.3501$ ($duv=-0.0023$)

Color temperature: $TC=2644$ K Color difference: $SDCM=7.3$ Main Wavelength: $\lambda_d=491.94$ nm Purity: $Purity=0.032$

Peak wavelength: $\lambda_p=609.0$ nm FWHM: $\lambda_p=113.0$ nm Color ratio: $R=27.88\%$ $G=70.12\%$ $B=2.00\%$

Color rendering index (Ra): $Ra=83.2$

$R1=82.7$ $R2=93.3$ $R3=94.5$ $R4=80.4$ $R5=82.8$ $R6=92.6$ $R7=80.6$ $R8=58.0$

$R9=11.6$ $R10=84.5$ $R11=80.1$ $R12=76.1$ $R13=86.1$ $R14=98.0$ $R15=75.1$

Optical Parameter

Luminous flux: 2012.735 lm luminous efficiency: 76.53 lm/w Radiant flux: 6.3138 W

Electrical Parameter

Voltage: 230.4 V Current: 0.118 A Watto: 26.30 W Power factor: 0.961

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