



Spectral test report for lamp

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

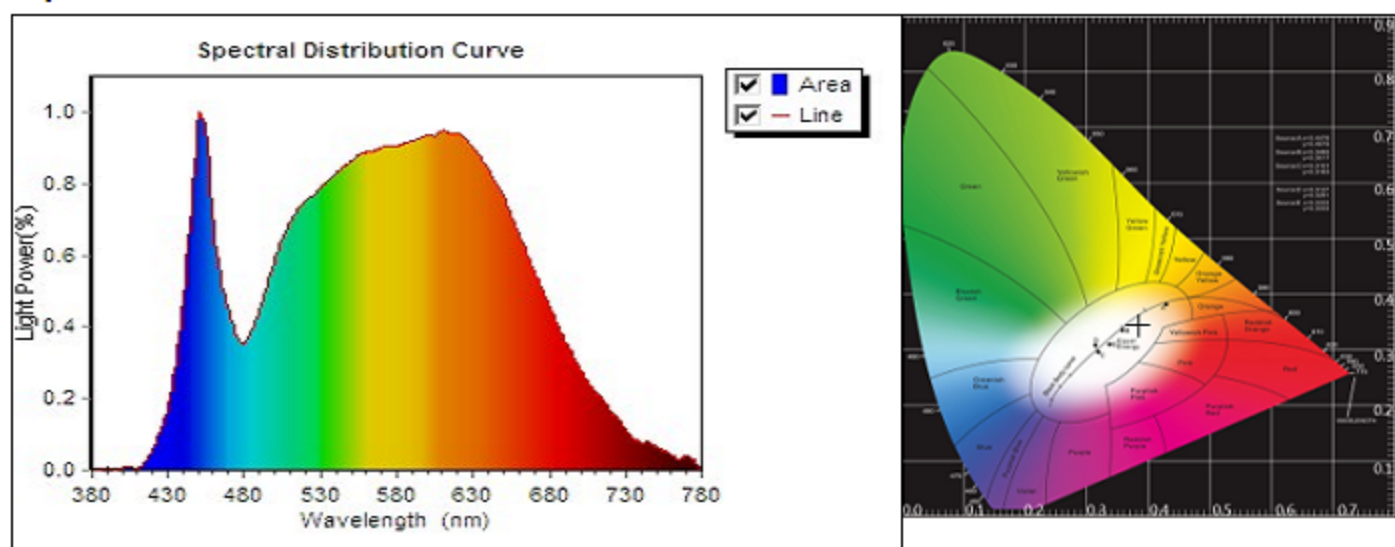
Test date. : 2024-03-27
Test equipment : SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 46052 (70.3%)
Integral time. : 576ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3797$ $y=0.3827$ $u=0.2223$ $v=0.3361$ ($duv=0.0030$)

Color temperature: $TC=4063$ K Color difference: $SDCM=1.5$ Main Wavelength: $\lambda_d=486.06$ nm Purity: $Purity=0.169$

Peak wavelength: $\lambda_p=451.9$ nm FWHM: $\lambda_p=24.3$ nm Color ratio: $R=20.38\%$ $G=76.08\%$ $B=3.54\%$

Color rendering index (Ra): $Ra=90.9$

$R1=90.3$ $R2=92.8$ $R3=94.4$ $R4=91.3$ $R5=89.5$ $R6=89.5$ $R7=94.7$ $R8=84.4$

$R9=57.9$ $R10=82.6$ $R11=90.9$ $R12=69.6$ $R13=91.1$ $R14=96.7$ $R15=87.6$

Optical Parameter

Luminous flux: 520.852 lm luminous efficiency: 73.36 lm/w Radiant flux: 1.7372 W

Electrical Parameter

Voltage: 240.5 V Current: 0.056 A Wate: 7.10 W Power factor: 0.521

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