



Spectral test report for lamp

Product type : LED LAMP MAGNETIC RAIL
Product No. : LCM-8W-ND-BN
Manufacturer : BLED

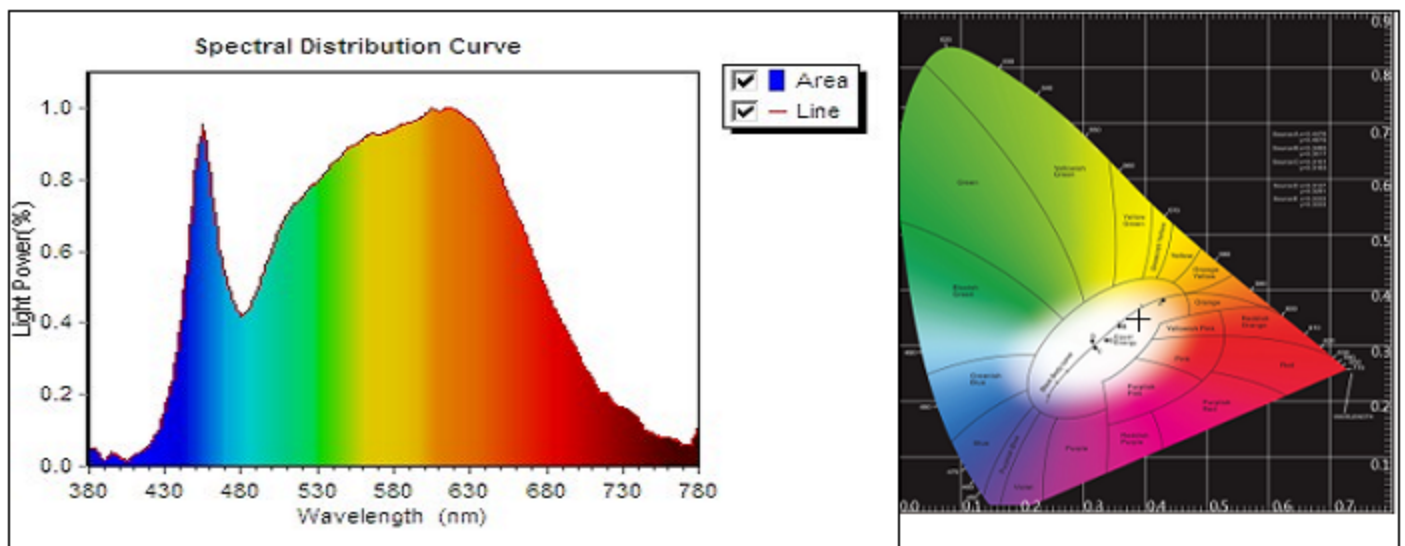
Test date. : 2023-05-11
Test equipment : SPEC2000A Spectrometer
Operator. : BL20221105HT1

Test Condition

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

Humidity : 65%
Peak AD. : 47121 (71.9%)
Integral time. : 630ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3847$ $y=0.3859$ $u=0.2243$ $v=0.3375$ ($duv=0.0030$)

Color temperature: $TC=3953$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=486.07$ nm Purity: $Purity=0.155$

Peak wavelength: $\lambda_p=616.1$ nm FWHM: $\lambda_p=187.7$ nm Color ratio: $R=20.90\%$ $G=75.39\%$ $B=3.70\%$

Color rendering index (Ra): $Ra=92.1$

$R1=91.6$ $R2=94.7$ $R3=96.6$ $R4=91.3$ $R5=90.5$ $R6=92.0$ $R7=94.6$ $R8=85.0$

$R9=61.6$ $R10=86.7$ $R11=91.0$ $R12=71.5$ $R13=92.7$ $R14=97.9$ $R15=88.7$

Optical Parameter

Luminous flux: 491.706 lm luminous efficiency: 64.7 lm/w Radiant flux: 1.6786 W

Electrical Parameter

Voltage: 230.2 V Current: 0.065 A Wate: 7.60 W Power factor: 0.505

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