



Spectral test report for lamp

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

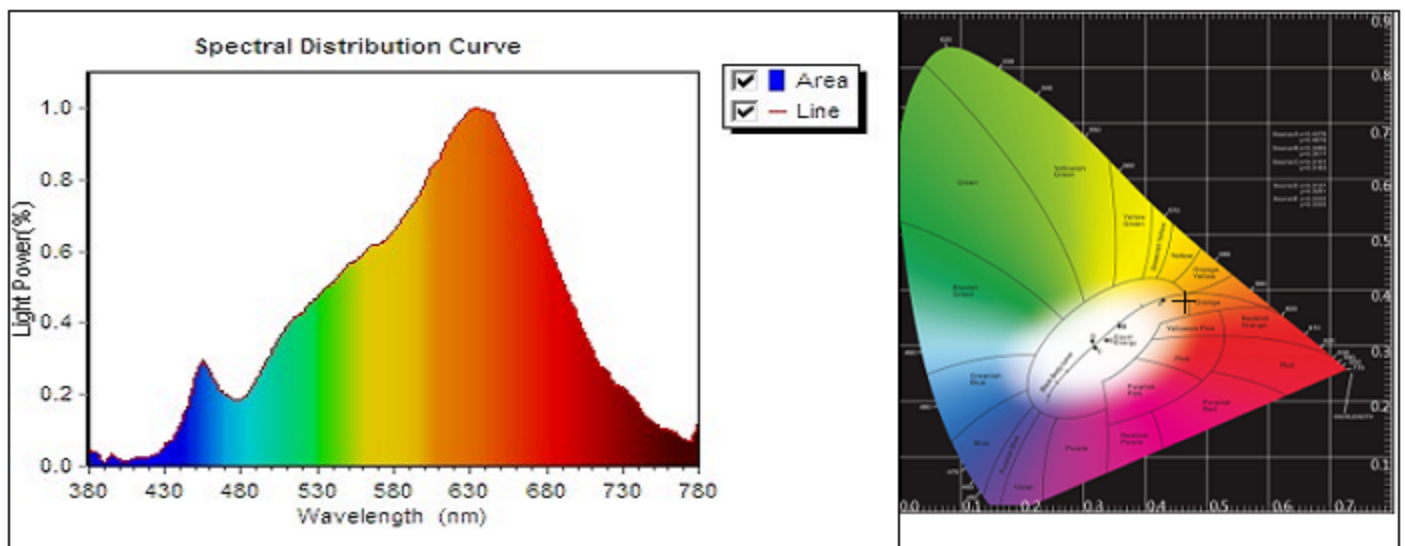
Test date. : 2023-05-11
Test equipment : SPEC2000A Spectrometer
Operator. : BL20221105HT1

Test Condition

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

Humidity : 65%
Peak AD. : 34376 (52.5%)
Integral time. : 630ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4585$ $y=0.4155$ $u=0.2595$ $v=0.3527$ ($duv=0.0019$)

Color temperature: $TC=2757$ K Color difference: $SDCM=2.6$ Main Wavelength: $\lambda_d=581.05$ nm Purity: $Purity=0.133$

Peak wavelength: $\lambda_p=634.5$ nm FWHM: $\lambda_p=157.0$ nm Color ratio: $R=28.03\%$ $G=69.71\%$ $B=2.26\%$

Color rendering index (Ra): $Ra=98$

$R1=99.0$ $R2=98.4$ $R3=96.1$ $R4=99.7$ $R5=98.4$ $R6=98.6$ $R7=98.3$ $R8=95.0$

$R9=86.9$ $R10=95.0$ $R11=98.0$ $R12=88.3$ $R13=99.0$ $R14=96.8$ $R15=96.6$

Optical Parameter

Luminous flux: 349.11 lm luminous efficiency: 48.49 lm/w Radiant flux: 1.3402 W

Electrical Parameter

Voltage: 230.2 V Current: 0.064 A Watto: 7.20 W Power factor: 0.482

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