



Spectral test report for lamp

Product type : LED MAGNETIC RAIL LAMP
Product No. : LM-220U18-CCT-DALI-N
Manufacturer : BLED

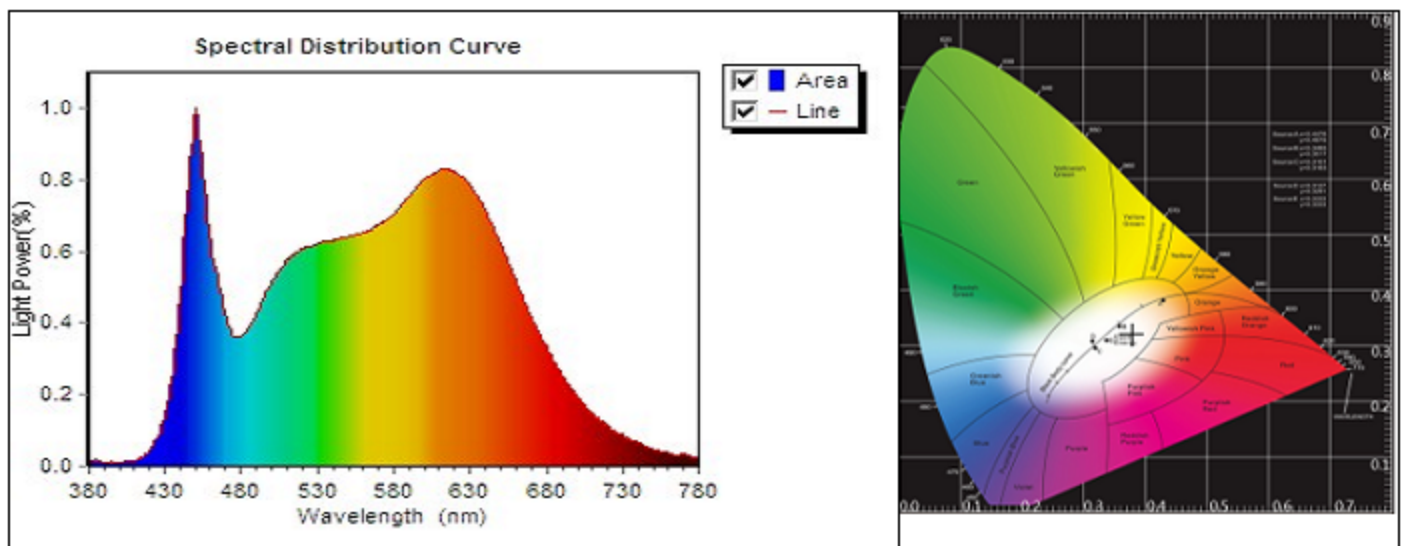
Test date. : 2024-05-10
Test equipment : SPEC2000A Spectrometer
Operator. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 53509 (81.6%)
Integral time. : 408ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3729$ $y=0.3612$ $u=0.2264$ $v=0.3289$ ($duv=-0.0052$)

Color temperature: $TC=4101$ K Color difference: $SDCM=7.4$ Main Wavelength: $\lambda_d=482.03$ nm Purity: $Purity=0.198$

Peak wavelength: $\lambda_p=450.2$ nm FWHM: $\lambda_p=24.6$ nm Color ratio: $R=21.97\%$ $G=73.81\%$ $B=4.23\%$

Color rendering index (Ra): $Ra=96.4$

$R1=98.1$ $R2=98.4$ $R3=97.9$ $R4=97.7$ $R5=98.4$ $R6=95.0$ $R7=94.4$ $R8=90.6$

$R9=77.9$ $R10=97.5$ $R11=95.7$ $R12=81.6$ $R13=98.5$ $R14=98.6$ $R15=97.5$

Optical Parameter

Luminous flux: 836.692 lm luminous efficiency: 71.15 lm/w Radiant flux: 2.8956 W

Electrical Parameter

Voltage: 48.0 V Current: 0.245 A Wate: 11.76 W Power factor: 1.000

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