



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED MAGNETIC RAIL LAMP
Product No. : LM-600-N-BN
Manufacturer : BL20220324HT

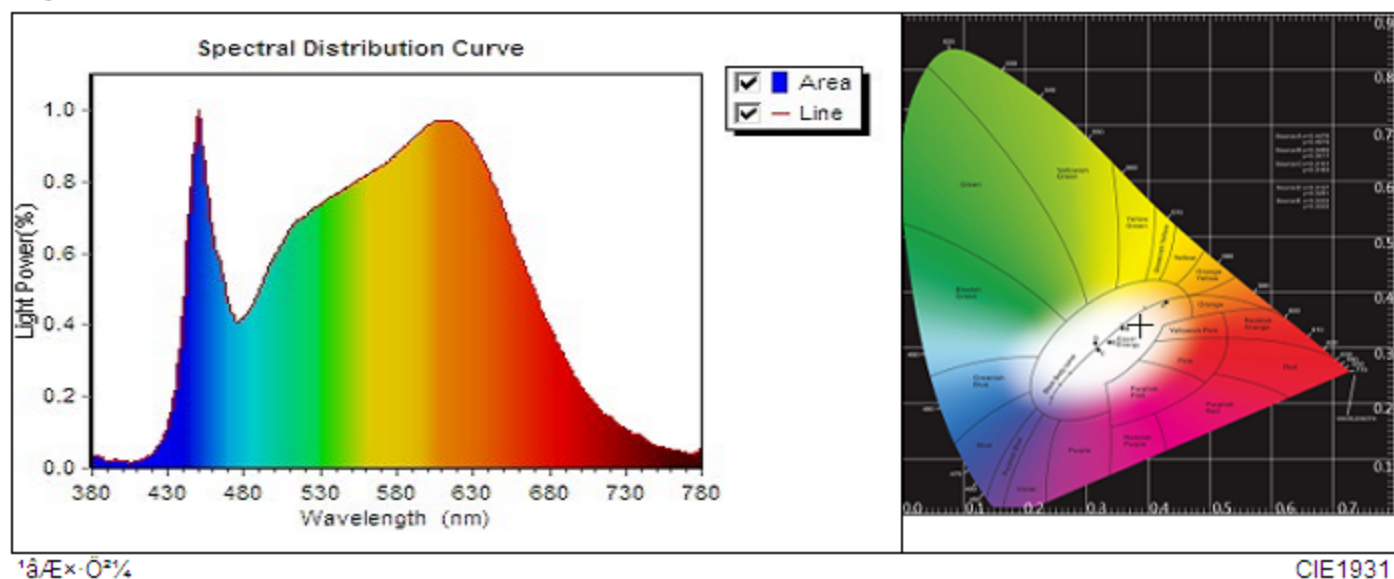
Test date. : 2022-09-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 55091 (84.1%)
Integral time. : 466ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3831$ $y=0.3789$ $u=0.2260$ $v=0.3353$ ($duv=0.0002$)
Color temperature: $TC=3944$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.162$
Peak wavelength: $\lambda_p=449.9$ nm FWHM: $\Delta\lambda_p=27.3$ nm Color ratio: $R=21.44\%$ $G=74.67\%$ $B=3.89\%$

Color rendering index (Ra): $Ra=93.5$

$R1=93.7$ $R2=96.7$ $R3=98.1$ $R4=93.7$ $R5=93.3$ $R6=94.6$ $R7=93.2$ $R8=84.0$
 $R9=60.4$ $R10=91.4$ $R11=94.6$ $R12=76.9$ $R13=95.1$ $R14=98.9$ $R15=90.2$

Optical Parameter

Luminous flux: 769.868 lm luminous efficiency: 34.84 lm/w Radiant flux: 2.5821 W

Electrical Parameter

Voltage: 229.9 V Current: 0.171 A Watts: 22.10 W Power factor: 0.562

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