



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED MAGNETIC RAIL LAMP
Product No. : LM-300-N-BN
Manufacturer : BL20220324HT

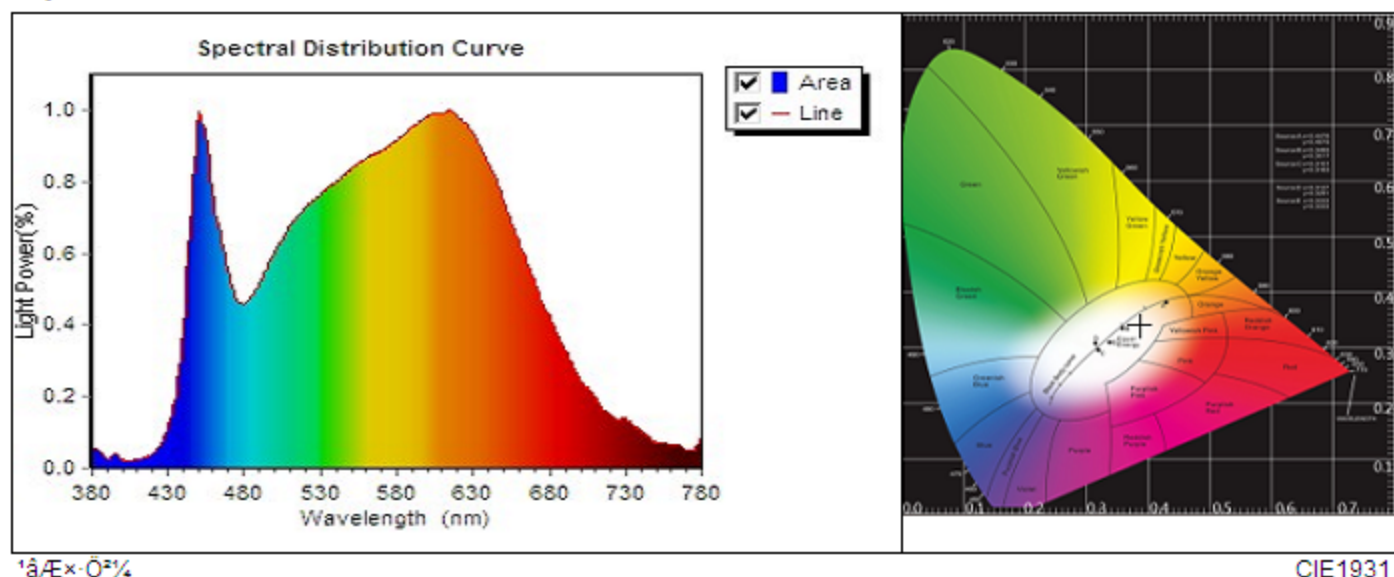
Test date. : 2022-09-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 52445 (80.0%)
Integral time. : 927ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3817$ $y=0.3793$ $u=0.2249$ $v=0.3353$ ($duv=0.0008$)
Color temperature: $TC=3984$ K Color difference: $SDCM=1.3$ Main Wavelength: $\lambda_d=485.05$ nm Purity: $Purity=0.166$
Peak wavelength: $\lambda_p=614.2$ nm FWHM: $\Delta\lambda_p=184.2$ nm Color ratio: $R=21.14\%$ $G=74.86\%$ $B=3.99\%$

Color rendering index (Ra): $Ra=92.8$

$R1=92.9$ $R2=96.7$ $R3=98.2$ $R4=91.9$ $R5=92.1$ $R6=94.2$ $R7=92.8$ $R8=83.3$
 $R9=59.3$ $R10=90.9$ $R11=92.4$ $R12=73.9$ $R13=94.5$ $R14=99.1$ $R15=89.5$

Optical Parameter

Luminous flux: 347.339 lm luminous efficiency: 30.47 lm/w Radiant flux: 1.1716 W

Electrical Parameter

Voltage: 230.1 V Current: 0.093 A Watts: 11.40 W Power factor: 0.531

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