



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED MAGNETIC RAIL LAMP
Product No. : LM-112U18-N-BC
Manufacturer : BL20220324HT

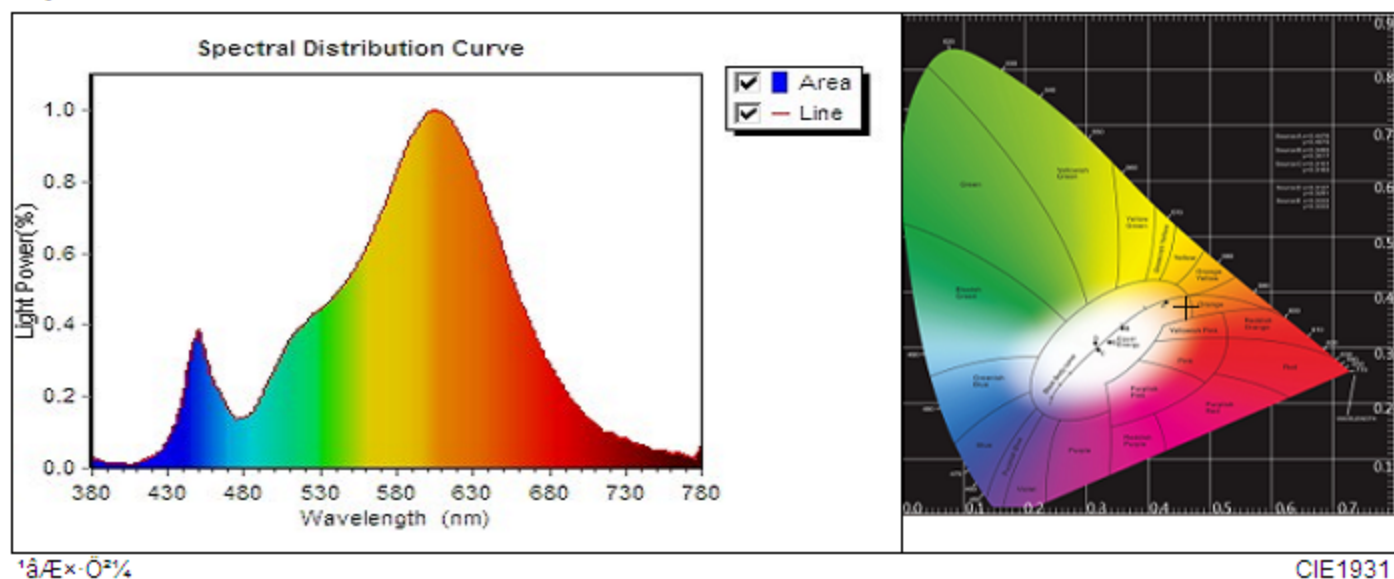
Test date. : 2022-09-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 41603 (63.5%)
Integral time. : 489ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4559$ $y=0.4092$ $u=0.2606$ $v=0.3508$ ($duv=-0.0002$)
Color temperature: $TC=2745$ K Color difference: $SDCM=5.0$ Main Wavelength: $\lambda_d=598.04$ nm Purity: $Purity=0.048$
Peak wavelength: $\lambda_p=604.7$ nm FWHM: $\Delta\lambda_p=115.1$ nm Color ratio: $R=26.63\%$ $G=71.48\%$ $B=1.89\%$

Color rendering index (Ra): $Ra=82.4$

$R1=80.8$ $R2=91.0$ $R3=96.0$ $R4=80.9$ $R5=81.3$ $R6=90.2$ $R7=81.7$ $R8=57.0$
 $R9=5.8$ $R10=80.5$ $R11=81.2$ $R12=76.1$ $R13=84.0$ $R14=98.5$ $R15=72.6$

Optical Parameter

Luminous flux: 433.877 lm Luminous efficiency: 59.44 lm/w Radiant flux: 1.353 W

Electrical Parameter

Voltage: 230.2 V Current: 0.063 A Watts: 7.30 W Power factor: 0.497

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