



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

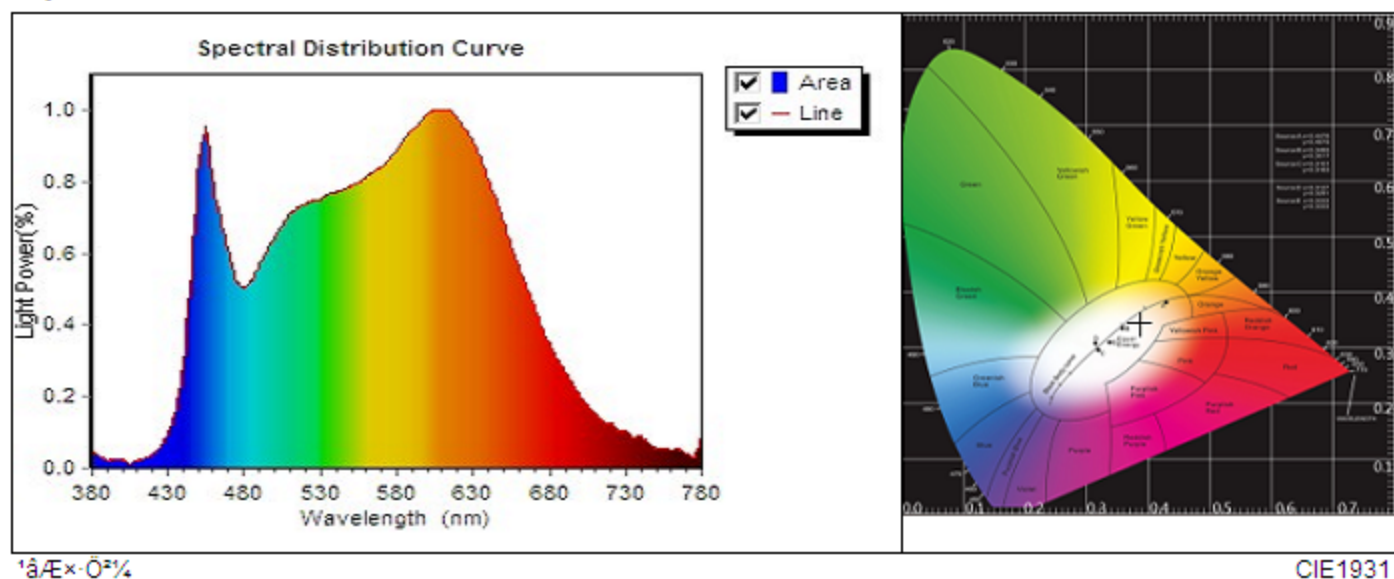
Test date. : 2022-09-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 32709 (49.9%)
Integral time. : 489ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3813$ $y=0.3820$ $u=0.2236$ $v=0.3360$ ($duv=0.0022$)
Color temperature: $TC=4015$ K Color difference: $SDCM=0.8$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.165$
Peak wavelength: $\lambda_p=607.3$ nm FWHM: $\Delta\lambda_p=221.0$ nm Color ratio: $R=21.29\%$ $G=74.40\%$ $B=4.31\%$

Color rendering index (Ra): $Ra=93$

$R1=94.5$ $R2=99.0$ $R3=96.7$ $R4=91.8$ $R5=93.6$ $R6=96.7$ $R7=90.4$ $R8=81.4$
 $R9=57.0$ $R10=97.0$ $R11=94.6$ $R12=76.0$ $R13=96.9$ $R14=98.5$ $R15=89.3$

Optical Parameter

Luminous flux: 416.256 lm luminous efficiency: 56.25 lm/w Radiant flux: 1.3744 W

Electrical Parameter

Voltage: 230.2 V Current: 0.067 A Watts: 7.40 W Power factor: 0.478

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