



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED MAGNETIC RAIL LAMP
Product No. : PML-6WU18-N-BC
Manufacturer : BL20220324HT

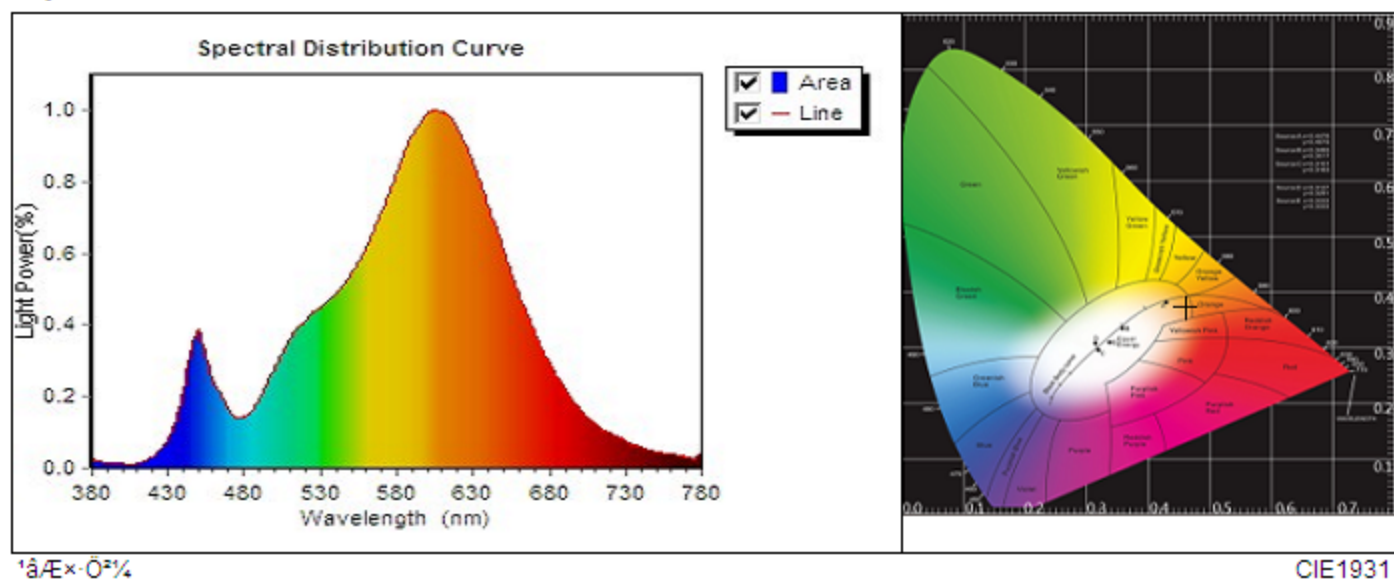
Test date. : 2022-09-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 49296 (75.2%)
Integral time. : 489ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4557$ $y=0.4091$ $u=0.2605$ $v=0.3508$ ($duv=-0.0002$)
Color temperature: $TC=2748$ K Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=598.03$ nm Purity: $Purity=0.046$
Peak wavelength: $\lambda_p=605.5$ nm FWHM: $\Delta\lambda_p=116.2$ nm Color ratio: $R=26.66\%$ $G=71.44\%$ $B=1.90\%$

Color rendering index (Ra): $Ra=82.8$

$R1=81.3$ $R2=91.2$ $R3=96.2$ $R4=81.4$ $R5=81.7$ $R6=90.4$ $R7=82.0$ $R8=57.7$
 $R9=7.2$ $R10=80.8$ $R11=81.9$ $R12=76.6$ $R13=84.3$ $R14=98.6$ $R15=73.1$

Optical Parameter

Luminous flux: 527.847 lm luminous efficiency: 71.33 lm/w Radiant flux: 1.6436 W

Electrical Parameter

Voltage: 230.2 V Current: 0.064 A Watts: 7.40 W Power factor: 0.496

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