



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

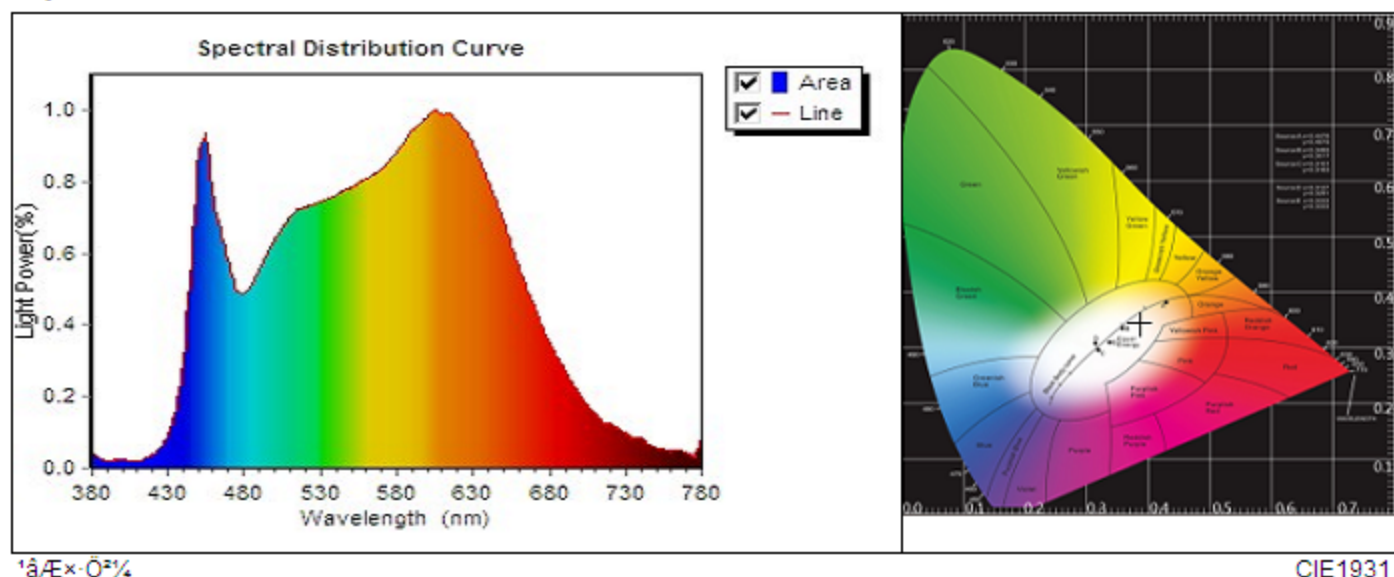
Test date. : 2022-09-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 30786 (47.0%)
Integral time. : 489ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3822$ $y=0.3822$ $u=0.2241$ $v=0.3362$ ($duv=0.0021$)
Color temperature: $TC=3994$ K Color difference: $SDCM=1.0$ Main Wavelength: $\lambda_d=485.03$ nm Purity: $Purity=0.162$
Peak wavelength: $\lambda_p=605.4$ nm FWHM: $\Delta\lambda_p=182.2$ nm Color ratio: $R=21.33\%$ $G=74.43\%$ $B=4.24\%$

Color rendering index (Ra): $Ra=93.1$

$R1=94.3$ $R2=98.7$ $R3=97.1$ $R4=92.1$ $R5=93.5$ $R6=96.6$ $R7=90.7$ $R8=81.4$
 $R9=56.6$ $R10=96.4$ $R11=94.7$ $R12=76.2$ $R13=96.6$ $R14=98.8$ $R15=89.1$

Optical Parameter

Luminous flux: 390.024 lm luminous efficiency: 55.72 lm/w Radiant flux: 1.2876 W

Electrical Parameter

Voltage: 230.2 V Current: 0.064 A Watts: 7.00 W Power factor: 0.474

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