



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : LED LAMP MAGNETIC RAIL
Product No. : LCM-8W-N-BC
Manufacturer : BLED

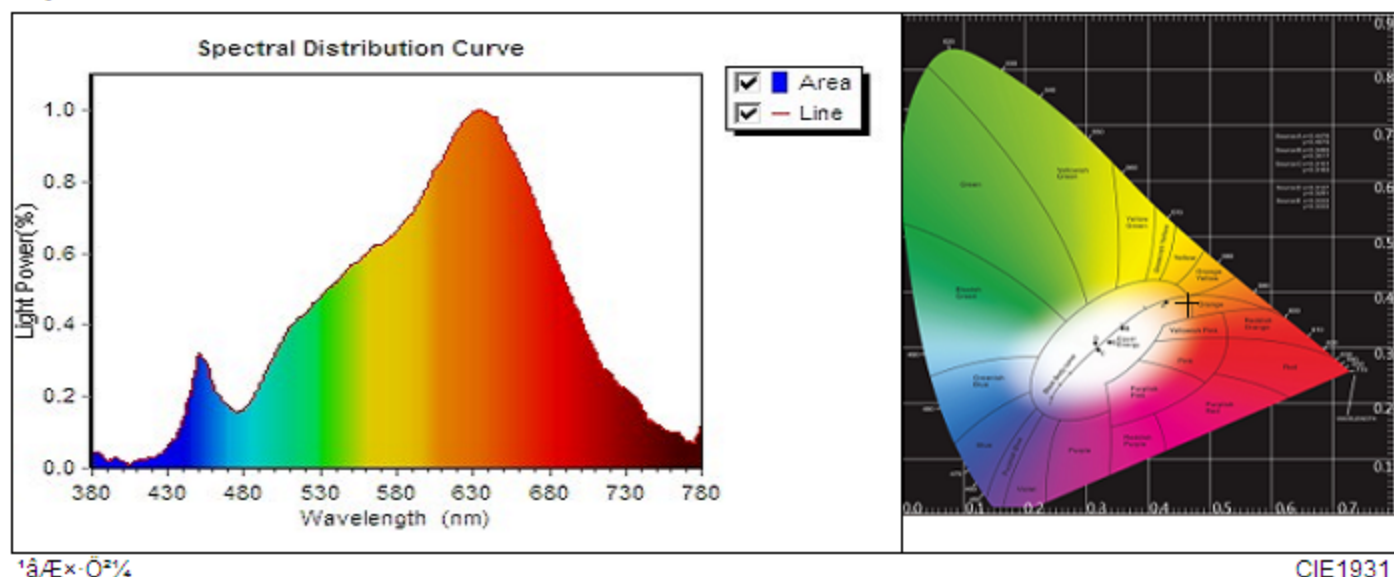
Test date. : 2023-05-11
Test equipment: SPEC2000A Spectrometer
Operator. : BL20221105HT1

Test Condition

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

Humidity : 65%
Peak AD. : 34388 (52.5%)
Integral time. : 630ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4577$ $y=0.4147$ $u=0.2593$ $v=0.3524$ ($duv=0.0017$)
Color temperature: $TC=2762$ K Color difference: $SDCM=3.1$ Main Wavelength: $\lambda_d=582.04$ nm Purity: $Purity=0.121$
Peak wavelength: $\lambda_p=634.0$ nm FWHM: $\Delta\lambda_p=158.2$ nm Color ratio: $R=27.93\%$ $G=69.94\%$ $B=2.13\%$

Color rendering index (Ra): $Ra=97.2$

$R1=98.4$ $R2=97.5$ $R3=94.9$ $R4=98.6$ $R5=97.7$ $R6=97.3$ $R7=98.3$ $R8=94.8$
 $R9=85.7$ $R10=93.0$ $R11=97.4$ $R12=87.3$ $R13=98.2$ $R14=96.1$ $R15=96.2$

Optical Parameter

Luminous flux: 351.178 lm luminous efficiency: 48.11 lm/w Radiant flux: 1.3459 W

Electrical Parameter

Voltage: 230.2 V Current: 0.065 A Watts: 7.30 W Power factor: 0.483

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