



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED LAMP MAGNETIC RAIL
Product No. : MNSD30-1M-BC
Manufacturer : BLED

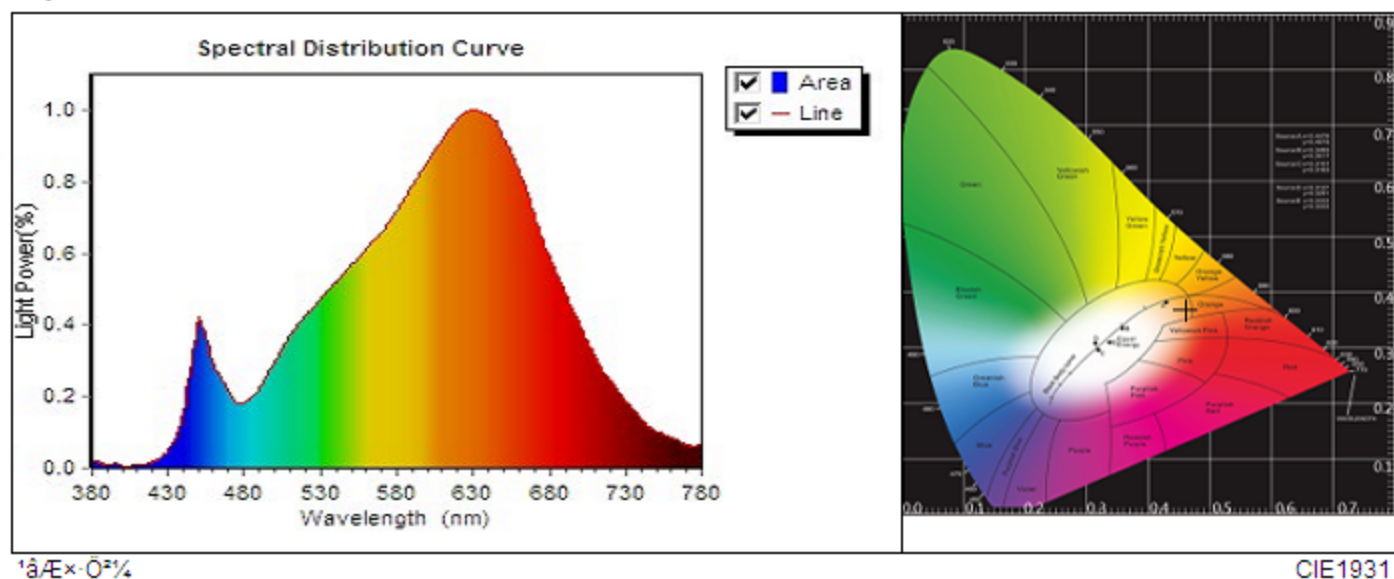
Test date. : 2023-06-12
Test equipment: SPEC2000A Spectrometer
Operator. : T2023021501-01

Test Condition

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

Humidity : 65%
Peak AD. : 49643 (75.8%)
Integral time. : 290ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4545$ $y=0.4046$ $u=0.2617$ $v=0.3495$ ($duv=-0.0018$)
Color temperature: $TC=2730$ K Color difference: $SDCM=6.9$ Main Wavelength: $\lambda_d=493.95$ nm Purity: $Purity=0.018$
Peak wavelength: $\lambda_p=630.2$ nm FWHM: $\Delta\lambda_p=154.4$ nm Color ratio: $R=28.04\%$ $G=69.73\%$ $B=2.23\%$

Color rendering index (Ra): $Ra=94.8$

$R1=95.5$ $R2=97.5$ $R3=97.4$ $R4=94.9$ $R5=95.2$ $R6=96.5$ $R7=93.7$ $R8=87.3$
 $R9=72.5$ $R10=92.9$ $R11=95.6$ $R12=85.4$ $R13=96.4$ $R14=97.7$ $R15=92.9$

Optical Parameter

Luminous flux: 1119.394 lm luminous efficiency: 46.45 lm/w Radiant flux: 4.1742 W

Electrical Parameter

Voltage: 229.9 V Current: 0.186 A Watts: 24.10 W Power factor: 0.561

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