



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Stripe
Product No. : BLSCOB-24V12W-SIDE-IP20-CCT (10 cm) BM
Manufacturer : BLED

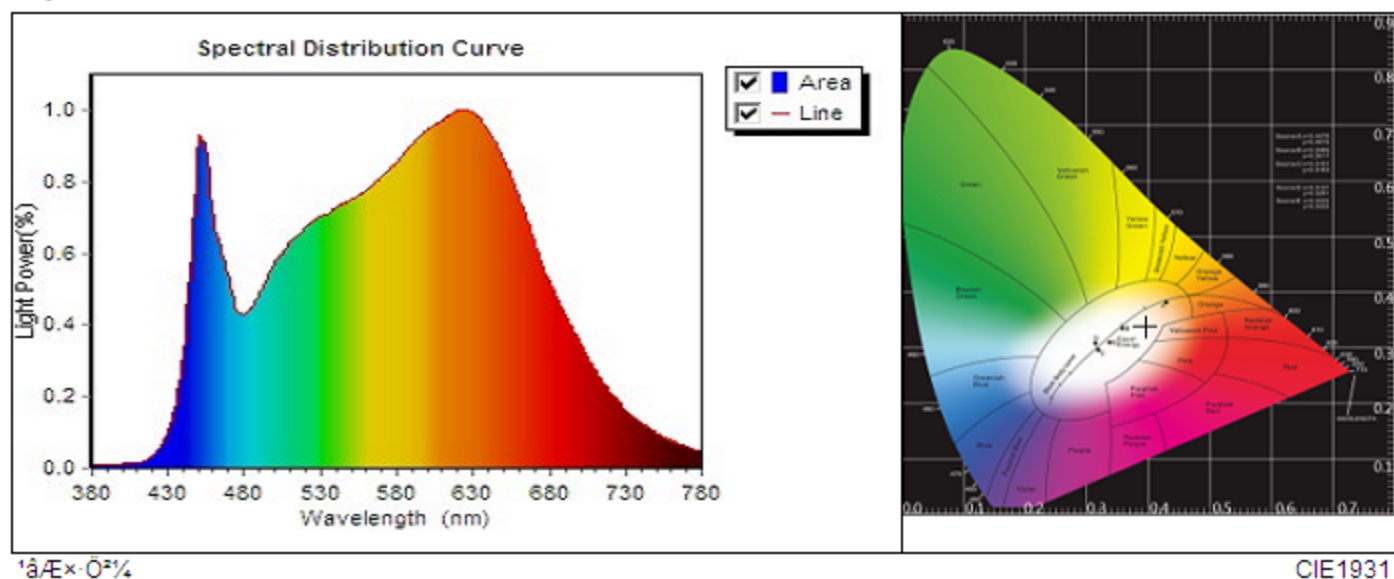
Test date. : 2024-08-26
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50878 (77.6%)
Integral time. : 131ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3912$ $y=0.3770$ $u=0.2321$ $v=0.3355$ ($duv=-0.0028$)
Color temperature: $TC=3720$ K Color difference: $SDCM=8.1$ Main Wavelength: $\lambda_d=483.03$ nm Purity: $Purity=0.146$
Peak wavelength: $\lambda_p=623.2$ nm FWHM: $\Delta\lambda_p=191.4$ nm Color ratio: $R=22.88\%$ $G=73.14\%$ $B=3.98\%$

Color rendering index (Ra): $Ra=96.6$

$R1=98.2$ $R2=98.9$ $R3=98.6$ $R4=97.3$ $R5=97.5$ $R6=95.8$ $R7=94.5$ $R8=91.6$
 $R9=82.6$ $R10=99.0$ $R11=98.2$ $R12=80.3$ $R13=99.3$ $R14=99.6$ $R15=96.7$

Optical Parameter

Luminous flux: 60.538 lm Luminous efficiency: 34.57 lm/w Radiant flux: 0.2167 W

Electrical Parameter

Voltage: 23.99 V Current: 0.073 A Watts: 1.751 W Power factor: 1.000

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