



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) BC
Manufacturer : BLED

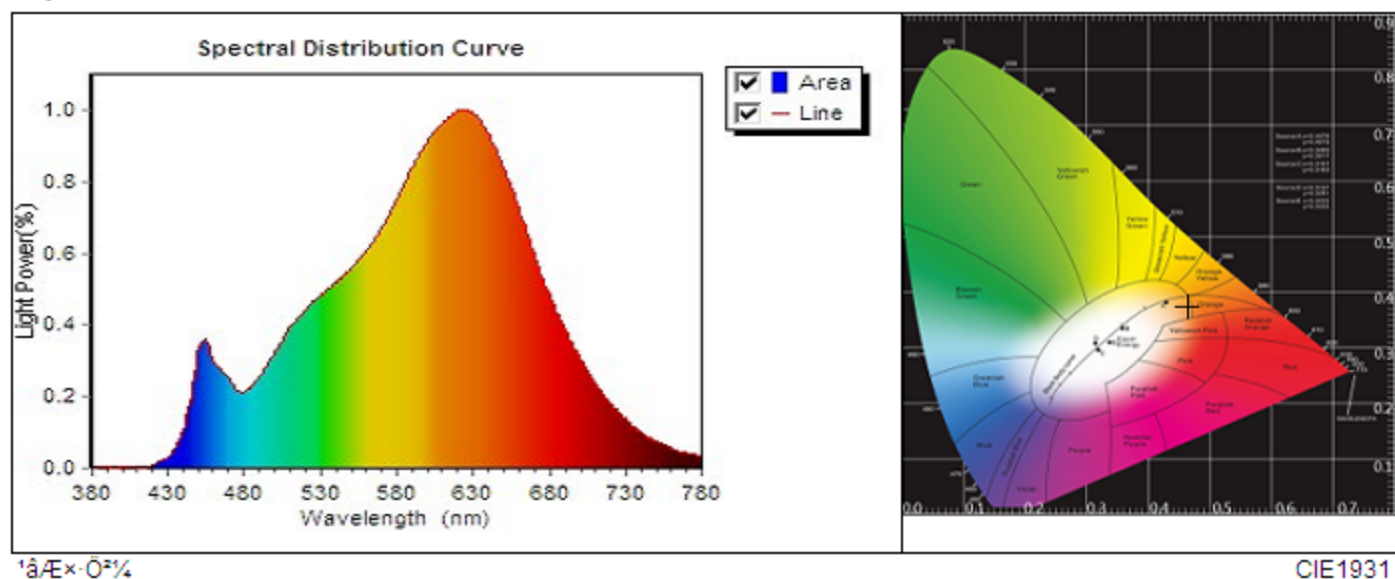
Test date. : 2024-08-26
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49475 (75.5%)
Integral time. : 203ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4571$ $y=0.4111$ $u=0.2605$ $v=0.3514$ ($duv=0.0004$)
Color temperature: $TC=2743$ K Color difference: $SDCM=4.1$ Main Wavelength: $\lambda_d=590.03$ nm Purity: $Purity=0.077$
Peak wavelength: $\lambda_p=623.3$ nm FWHM: $\Delta\lambda_p=144.1$ nm Color ratio: $R=27.80\%$ $G=69.83\%$ $B=2.37\%$

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

$R1=93.5$ $R2=97.8$ $R3=98.3$ $R4=93.1$ $R5=93.6$ $R6=97.5$ $R7=90.4$ $R8=79.8$
 $R9=57.0$ $R10=94.3$ $R11=95.2$ $R12=84.6$ $R13=95.3$ $R14=99.8$ $R15=88.2$

Optical Parameter

Luminous flux: 33.266 lm Luminous efficiency: 37.46 lm/w Radiant flux: 0.1157 W

Electrical Parameter

Voltage: 23.99 V Current: 0.037 A Watts: 0.888 W Power factor: 1.000

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