



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) BF
Manufacturer : BLED

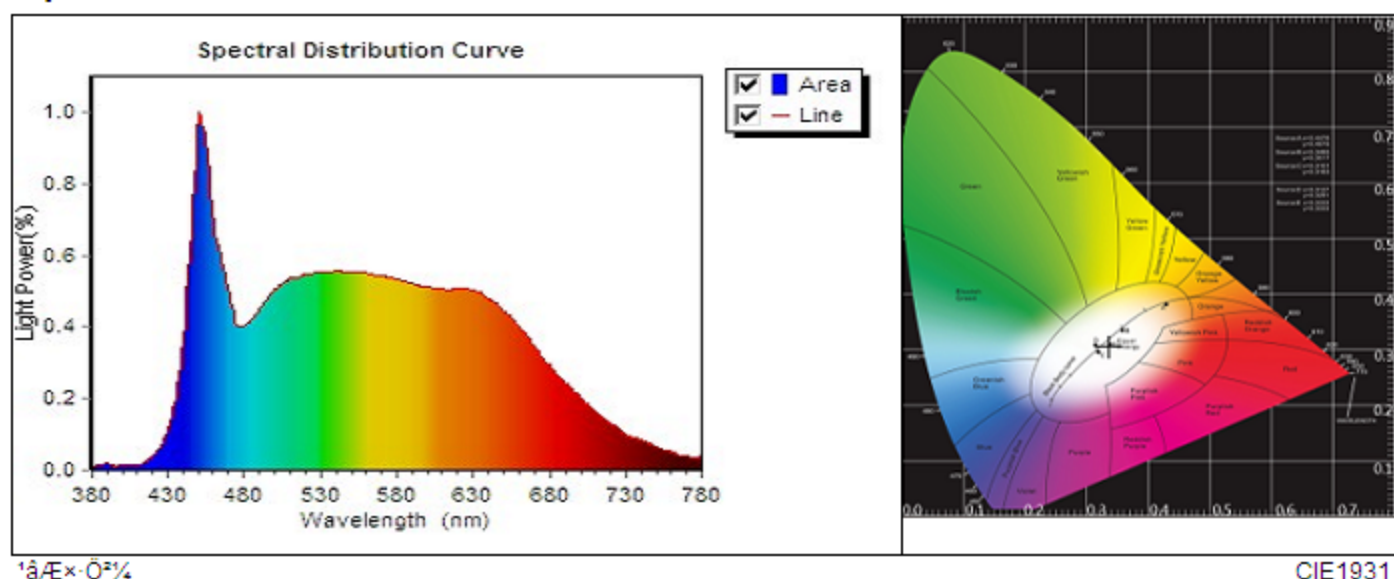
Test date. : 2024-08-26
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 34752 (53.0%)
Integral time. : 131ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3325$ $y=0.3478$ $u=0.2044$ $v=0.3206$ ($duv=0.0034$)
Color temperature: $TC=5498$ K Color difference: $SDCM=2.8$ Main Wavelength: $\lambda_d=483.09$ nm Purity: $Purity=0.295$
Peak wavelength: $\lambda_p=451.6$ nm FWHM: $\Delta\lambda_p=26.5$ nm Color ratio: $R=17.57\%$ $G=76.82\%$ $B=5.62\%$

Color rendering index (Ra): $Ra=96.1$

$R1=96.3$ $R2=98.3$ $R3=97.9$ $R4=95.6$ $R5=95.6$ $R6=94.9$ $R7=96.3$ $R8=93.0$
 $R9=83.2$ $R10=95.4$ $R11=96.2$ $R12=76.8$ $R13=97.7$ $R14=99.2$ $R15=95.3$

Optical Parameter

Luminous flux: 32.48 lm luminous efficiency: 37.59 lm/w Radiant flux: 0.1184 W

Electrical Parameter

Voltage: 23.99 V Current: 0.036 A Watte: 0.864 W Power factor: 1.000

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