



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP COB CCT
Product No. : BLSCOB-24V14W-IP20-CCT_NW
Manufacturer : BLED -Test 105mm

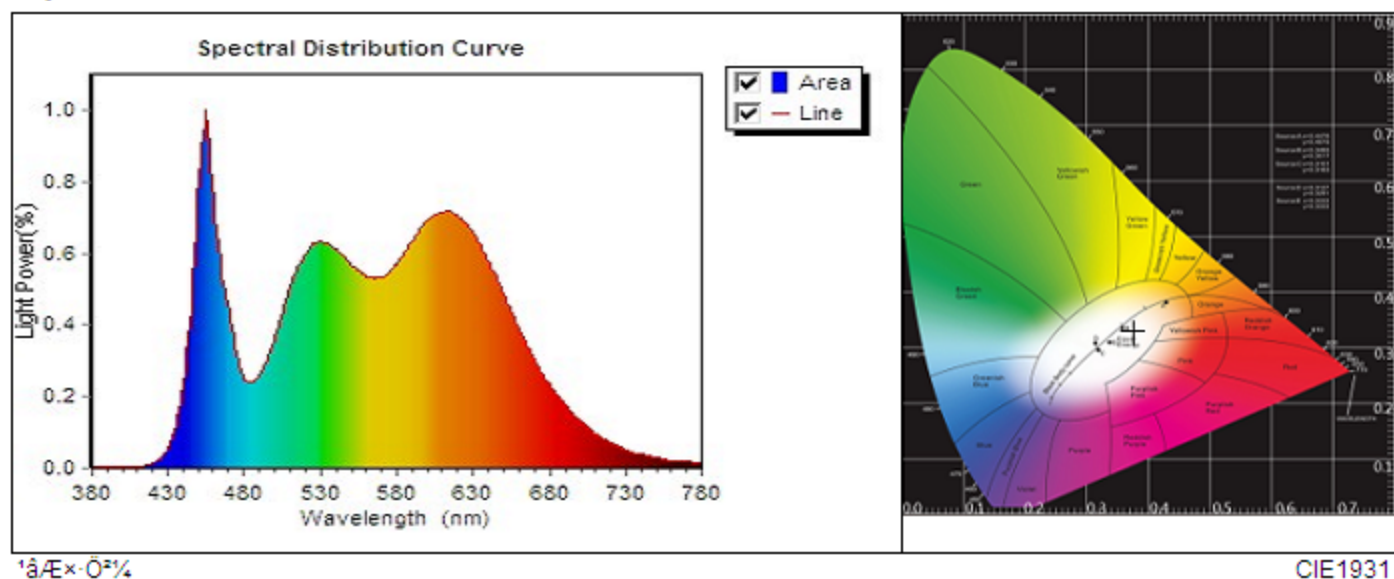
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 51717 (78.9%)
Integral time. : 41ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3696$ $y=0.3685$ $u=0.2212$ $v=0.3309$ ($duv=-0.0006$)
Color temperature: $TC=4255$ K Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=484.08$ nm Purity: $Purity=0.2$
Peak wavelength: $\lambda_p=454.6$ nm FWHM: $\Delta\lambda_p=21.3$ nm Color ratio: $R=21.48\%$ $G=74.72\%$ $B=3.80\%$

Color rendering index (Ra): $Ra=96$

$R1=98.2$ $R2=98.2$ $R3=94.2$ $R4=98.9$ $R5=96.7$ $R6=94.8$ $R7=95.8$ $R8=90.3$
 $R9=73.8$ $R10=92.7$ $R11=94.4$ $R12=67.3$ $R13=99.0$ $R14=95.7$ $R15=95.6$

Optical Parameter

Luminous flux: 158.772 lm luminous efficiency: 106.7 lm/w Radiant flux: 0.5221 W

Electrical Parameter

Voltage: 24.0 V Current: 0.062 A Watto: 1.488 W Power factor: 1.000

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