



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_WW
Manufacturer : BLED -Test 105mm

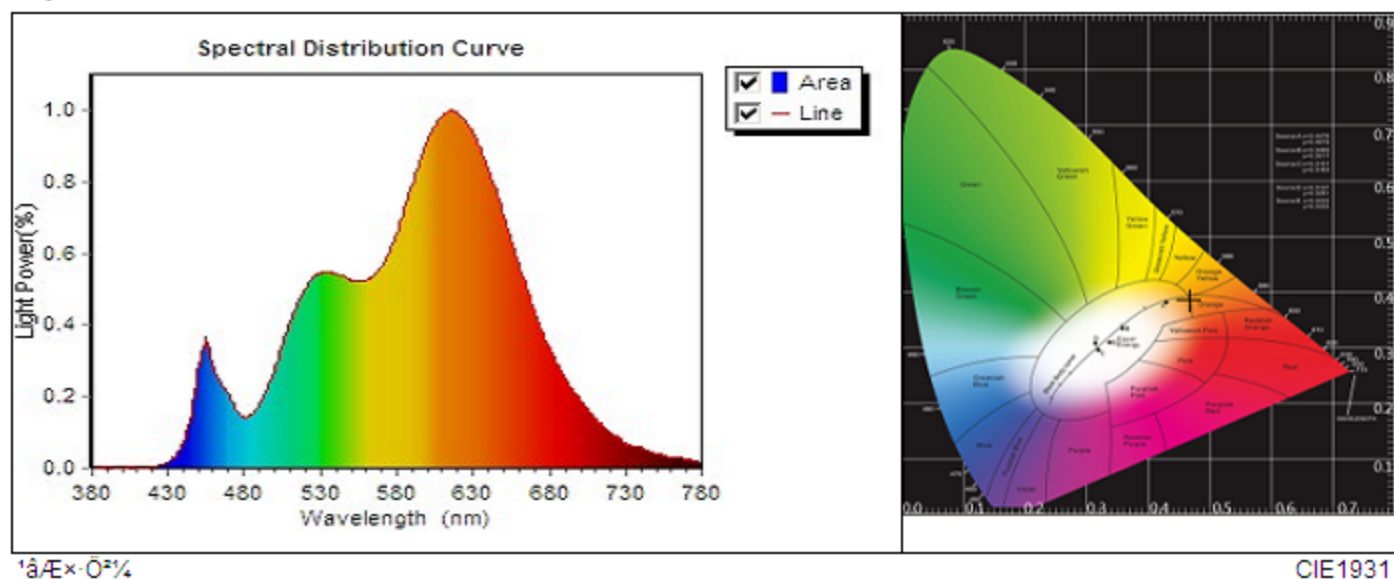
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 48043 (73.3%)
Integral time. : 90ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4601$ $y=0.4209$ $u=0.2581$ $v=0.3542$ ($duv=0.0037$)
Color temperature: $TC=2775$ K Color difference: $SDCM=2.2$ Main Wavelength: $\lambda_d=576.02$ nm Purity: $Purity=0.169$
Peak wavelength: $\lambda_p=615.6$ nm FWHM: $\Delta\lambda_p=146.2$ nm Color ratio: $R=28.29\%$ $G=69.83\%$ $B=1.89\%$

Color rendering index (Ra): $Ra=94.7$

$R1=96.7$ $R2=97.4$ $R3=97.6$ $R4=99.3$ $R5=96.3$ $R6=98.2$ $R7=92.0$ $R8=79.6$
 $R9=51.3$ $R10=92.5$ $R11=94.9$ $R12=81.1$ $R13=98.7$ $R14=97.2$ $R15=88.0$

Optical Parameter

Luminous flux: 68.239 lm Luminous efficiency: 94.78 lm/w Radiant flux: 0.2189 W

Electrical Parameter

Voltage: 24.0 V Current: 0.030 A Watto: 0.72 W Power factor: 1.000

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