



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP COB RGB
Product No. : BLSCOB-24V12W-IP67-RGB_R
Manufacturer : BLED -Test 100mm

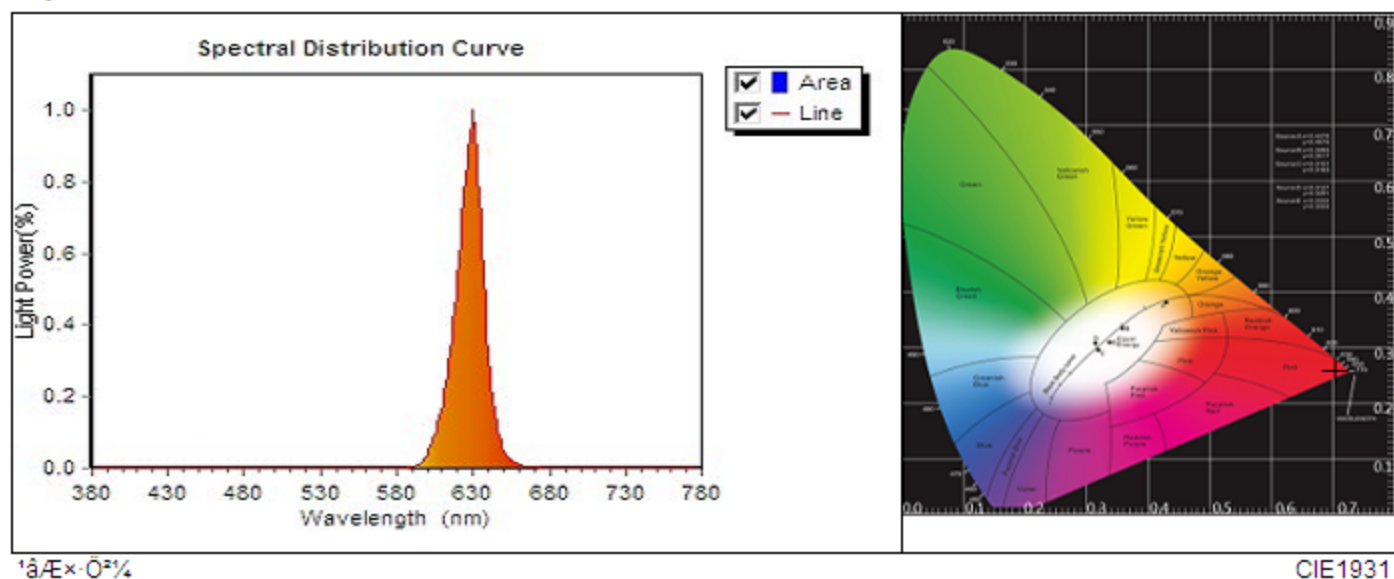
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 47129 (71.9%)
Integral time. : 31ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6944$ $y=0.3050$ $u=0.5269$ $v=0.3472$ ($duv=-0.0791$)

Color temperature: $TC=1000$ K Color difference: $SDCM=192.4$ Main Wavelength: $\lambda_d=493.91$ nm Purity: Purity=0.63

Peak wavelength: $\lambda_p=629.4$ nm FWHM: $\Delta\lambda_p=17.5$ nm Color ratio: $R=98.44\%$ $G=1.54\%$ $B=0.02\%$

Color rendering index (Ra): $Ra=12.7$

$R1=6.5$ $R2=79.8$ $R3=29.2$ $R4=-26.8$ $R5=1.1$ $R6=91.9$ $R7=-0.5$ $R8=-80.2$

$R9=-241.3$ $R10=73.2$ $R11=-10.3$ $R12=78.0$ $R13=41.2$ $R14=59.1$ $R15=-40.3$

Optical Parameter

Luminous flux: 23.346 lm Luminous efficiency: 32.43 lm/w Radiant flux: 0.1127 W

Electrical Parameter

Voltage: 23.99 V Current: 0.030 A Watts: 0.72 W Power factor: 1.000

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