



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+G+B
Manufacturer : BLED -Test 100mm

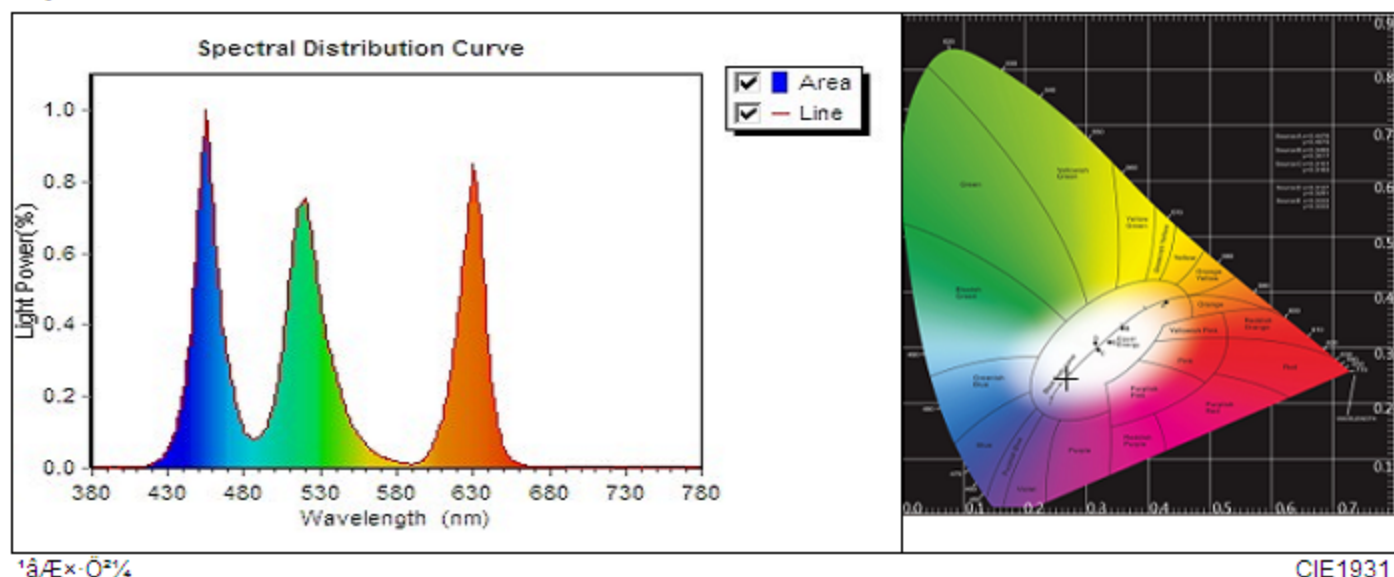
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 51577 (78.7%)
Integral time. : 27ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2646$ $y=0.2911$ $u=0.1775$ $v=0.2929$ ($duv=0.0115$)
Color temperature: $TC=11770$ K Color difference: $SDCM=32.5$ Main Wavelength: $\lambda_d=482.06$ nm Purity: Purity=0.49
Peak wavelength: $\lambda_p=454.8$ nm FWHM: $\Delta\lambda_p=16.5$ nm Color ratio: R=21.94% G=72.11% B=5.95%

Color rendering index (Ra): $Ra=50.7$

$R1=38.3$ $R2=82.6$ $R3=64.4$ $R4=34.1$ $R5=55.3$ $R6=74.6$ $R7=57.9$ $R8=-1.7$
 $R9=-181.3$ $R10=55.1$ $R11=11.1$ $R12=73.8$ $R13=48.2$ $R14=76.4$ $R15=23.2$

Optical Parameter

Luminous flux: 96.581 lm Luminous efficiency: 64.95 lm/w Radiant flux: 0.3815 W

Electrical Parameter

Voltage: 23.99 V Current: 0.062 A Watte: 1.487 W Power factor: 1.000

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