



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V14W-IP20-20M-RGB (Green) (1)
Manufacturer : BLED

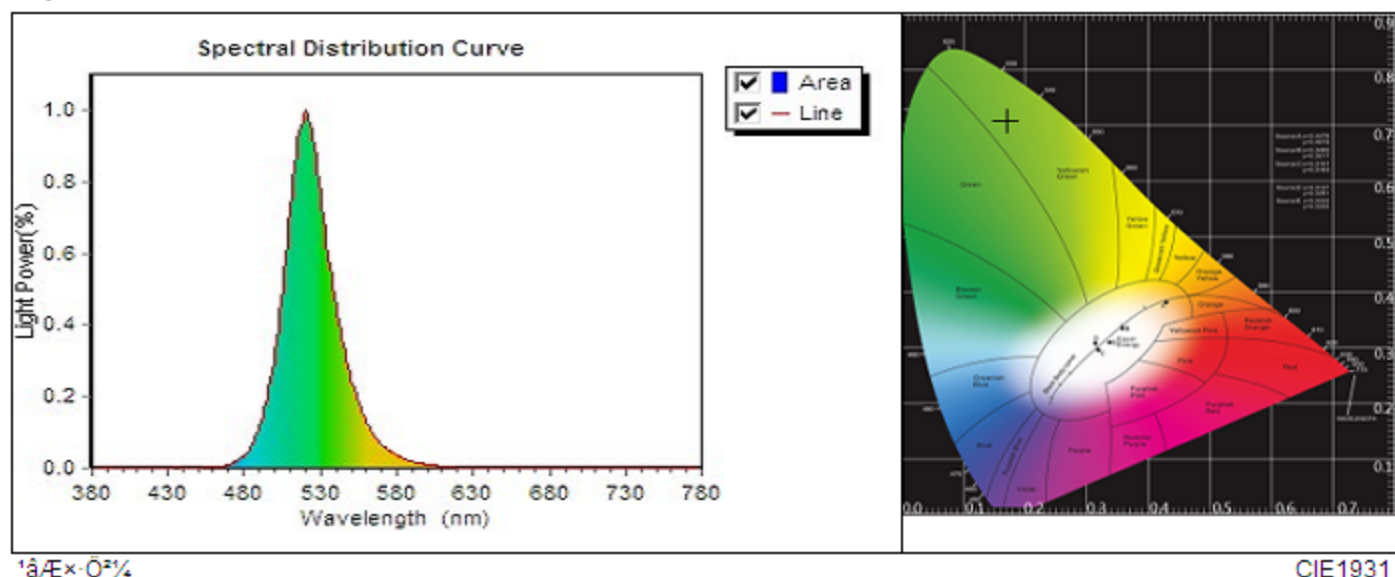
Test date. : 2024-07-19
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 31473 (48.0%)
Integral time. : 50ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1673$ $y=0.7205$ $u=0.0592$ $v=0.3822$ ($duv=0.1577$)
Color temperature: $TC=7892$ K Color difference: $SDCM=281.3$ Main Wavelength: $\lambda_d=505.09$ nm Purity: $Purity=0.827$
Peak wavelength: $\lambda_p=520.2$ nm FWHM: $\Delta\lambda_p=33.0$ nm Color ratio: $R=0.35\%$ $G=97.96\%$ $B=1.70\%$

Color rendering index (Ra): $Ra=-22.7$

$R1=-34.4$ $R2=-6.9$ $R3=-19.2$ $R4=-62.6$ $R5=-8.7$ $R6=-13.8$ $R7=-4.9$ $R8=-31.6$
 $R9=-358.4$ $R10=-102.4$ $R11=-91.3$ $R12=-28.5$ $R13=-37.1$ $R14=40.8$ $R15=-32.6$

Optical Parameter

Luminous flux: 32.348 lm Luminous efficiency: lm/w Radiant flux: 0.067 W

Electrical Parameter

Voltage: 48 V Current: 0.009 A Watto: 0.432 W Power factor:

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