



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : NWS0512-24V-10M-RGB-G (10cm)
Manufacturer : BLED

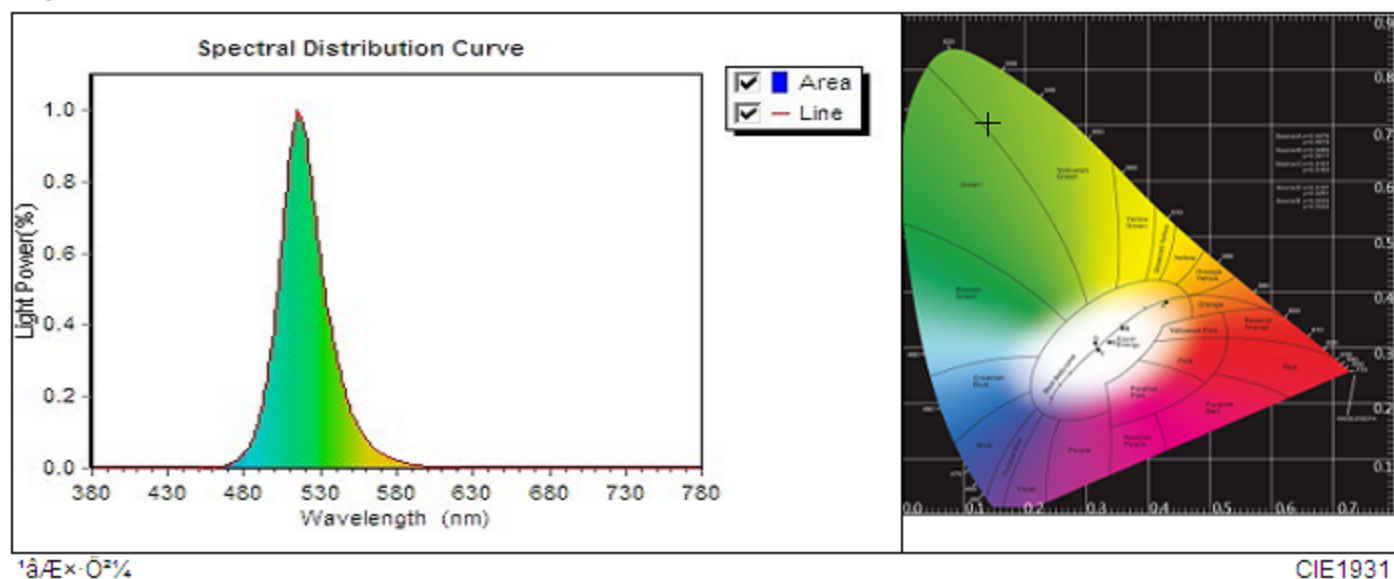
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 51513 (78.6%)
Integral time. : 94ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1389$ $y=0.7156$ $u=0.0491$ $v=0.3797$ ($duv=0.1652$)
Color temperature: $TC=8412$ K Color difference: $SDCM=295.0$ Main Wavelength: $\lambda_d=503.05$ nm Purity: $Purity=0.894$
Peak wavelength: $\lambda_p=515.8$ nm FWHM: $\lambda_p=31.3$ nm Color ratio: $R=0.28\%$ $G=97.30\%$ $B=2.42\%$

Color rendering index (Ra): $Ra=-25.5$

$R1=-35.0$ $R2=-10.1$ $R3=-27.4$ $R4=-64.4$ $R5=-8.6$ $R6=-18.7$ $R7=-9.0$ $R8=-31.2$
 $R9=-353.6$ $R10=-111.0$ $R11=-92.3$ $R12=-33.3$ $R13=-40.5$ $R14=36.6$ $R15=-31.2$

Optical Parameter

Luminous flux: 24.508 lm Luminous efficiency: 51.06 lm/w Radiant flux: 0.055 W

Electrical Parameter

Voltage: 24.0 V Current: 0.020 A Watto: 0.48 W Power factor: 1.000

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