



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

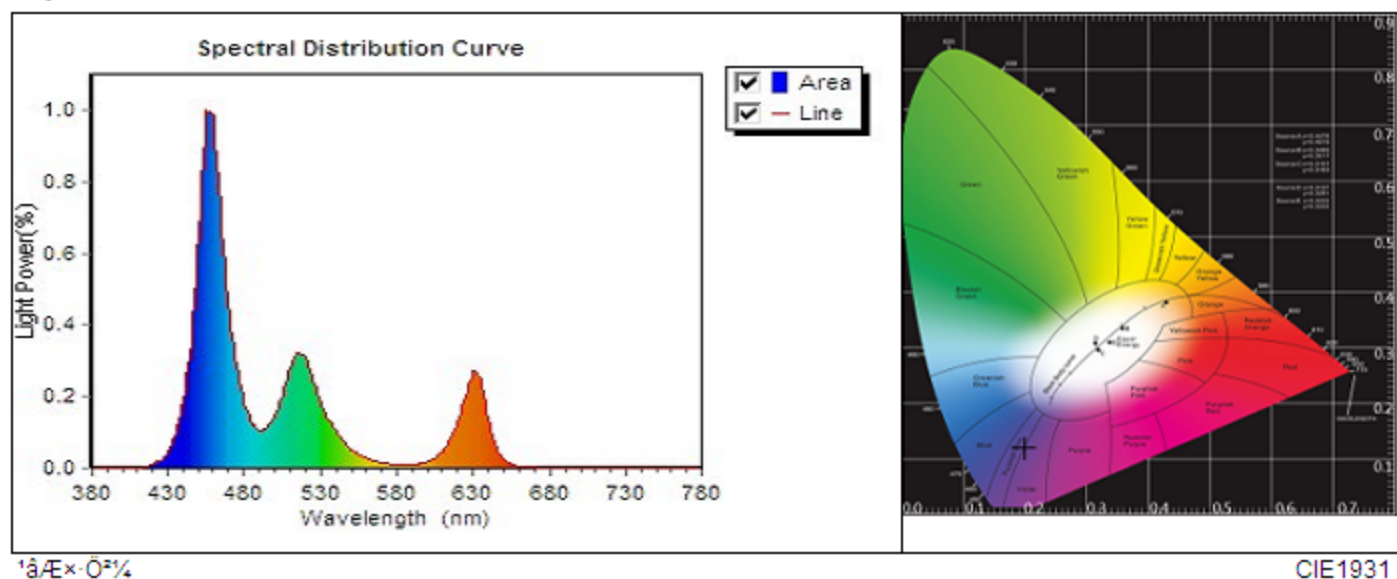
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 50956 (77.8%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1955$ $y=0.1749$ $u=0.1661$ $v=0.2229$ ($duv=-0.0519$)
Color temperature: $TC=100000$ K Color difference: $SDCM=81.4$ Main Wavelength: $\lambda_d=477.04$ nm Purity: $Purity=0.746$
Peak wavelength: $\lambda_p=457.3$ nm FWHM: $\Delta\lambda_p=20.2$ nm Color ratio: $R=15.93\%$ $G=67.89\%$ $B=16.19\%$

Color rendering index (Ra): $Ra=65.6$

$R1=65.5$ $R2=59.2$ $R3=54.8$ $R4=92.4$ $R5=78.6$ $R6=56.0$ $R7=66.5$ $R8=51.5$
 $R9=-105.6$ $R10=-5.0$ $R11=62.4$ $R12=63.3$ $R13=50.6$ $R14=73.1$ $R15=45.6$

Optical Parameter

Luminous flux: 45.348 lm Luminous efficiency: 32.03 lm/w Radiant flux: 0.2566 W

Electrical Parameter

Voltage: 24.0 V Current: 0.059 A Watto: 1.416 W Power factor: 1.000

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