



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

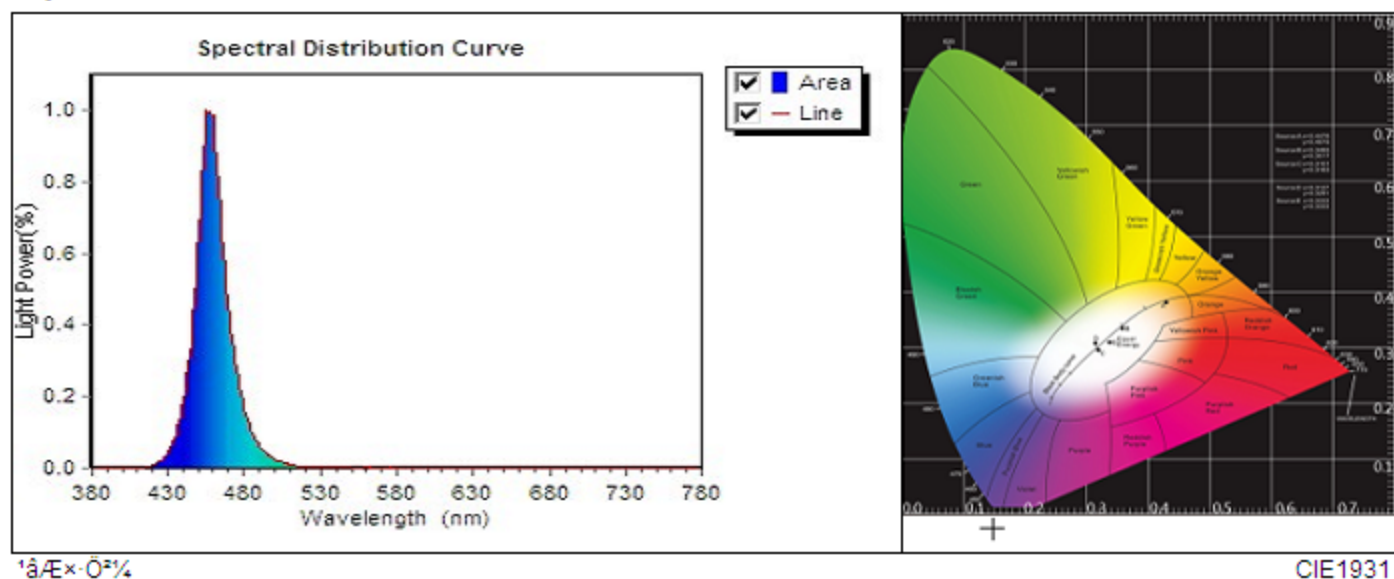
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 53618 (81.8%)
Integral time. : 26ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1456$ $y=0.0414$ $u=0.1817$ $v=0.0775$ ($duv=-0.1947$)
Color temperature: $TC=100000$ K Color difference: $SDCM=117.8$ Main Wavelength: $\lambda_d=472.03$ nm Purity: $Purity=1.004$
Peak wavelength: $\lambda_p=457.3$ nm FWHM: $\lambda_p=20.3$ nm Color ratio: $R=0.91\%$ $G=16.57\%$ $B=82.52\%$

Color rendering index (Ra): $Ra=-53$

$R1=-4.0$ $R2=-43.5$ $R3=-151.0$ $R4=-93.1$ $R5=11.9$ $R6=-49.5$ $R7=-53.5$ $R8=-41.5$
 $R9=-260.6$ $R10=-224.3$ $R11=-118.7$ $R12=-100.2$ $R13=-24.0$ $R14=-34.2$ $R15=6.7$

Optical Parameter

Luminous flux: 7.754 lm luminous efficiency: 14.69 lm/w Radiant flux: 0.1476 W

Electrical Parameter

Voltage: 24.0 V Current: 0.022 A Watto: 0.528 W Power factor: 1.000

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