



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

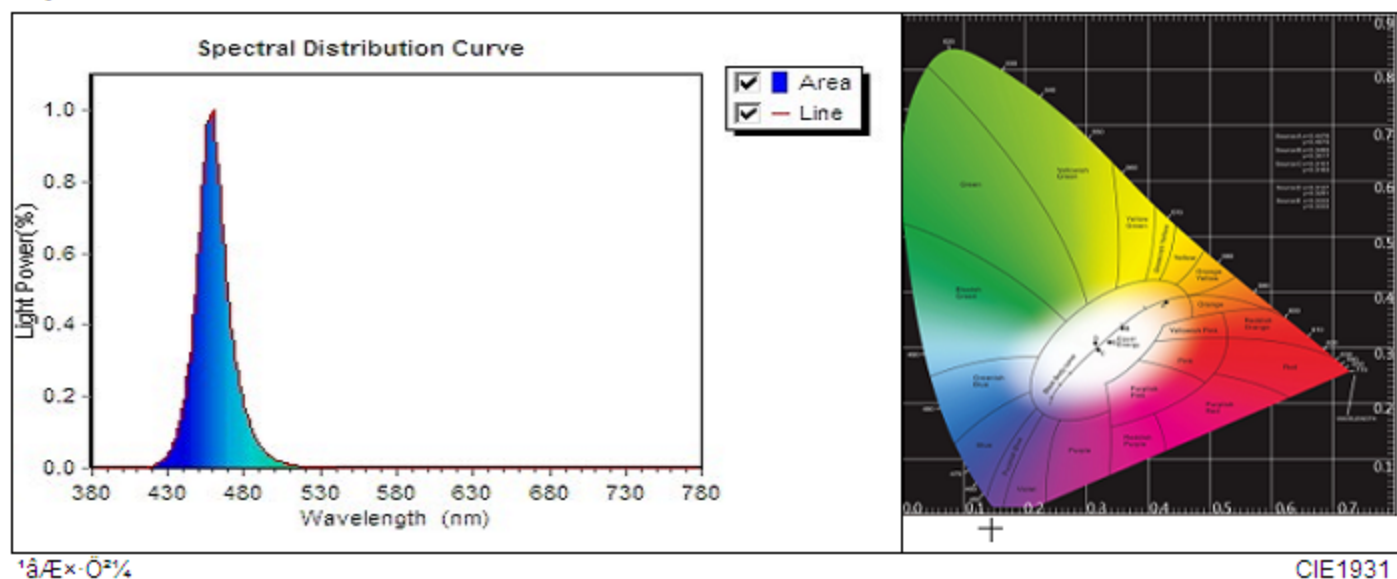
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 56961 (86.9%)
Integral time. : 46ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1433$ $y=0.0399$ $u=0.1796$ $v=0.0750$ ($duv=-0.1972$)
Color temperature: $TC=100000$ K Color difference: $SDCM=118.7$ Main Wavelength: $\lambda_d=472.03$ nm Purity: $Purity=1.009$
Peak wavelength: $\lambda_p=458.1$ nm FWHM: $\lambda_p=21.0$ nm Color ratio: $R=0.00\%$ $G=11.65\%$ $B=88.35\%$

Color rendering index (Ra): $Ra=-60.9$

$R1=-21.4$ $R2=-58.4$ $R3=-153.8$ $R4=-93.5$ $R5=-1.8$ $R6=-64.3$ $R7=-54.4$ $R8=-39.8$
 $R9=-296.4$ $R10=-259.6$ $R11=-123.1$ $R12=-120.0$ $R13=-45.9$ $R14=-37.1$ $R15=-5.1$

Optical Parameter

Luminous flux: 4.442 lm luminous efficiency: 10.28 lm/w Radiant flux: 0.0881 W

Electrical Parameter

Voltage: 24.0 V Current: 0.018 A Watto: 0.432 W Power factor: 1.000

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