



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

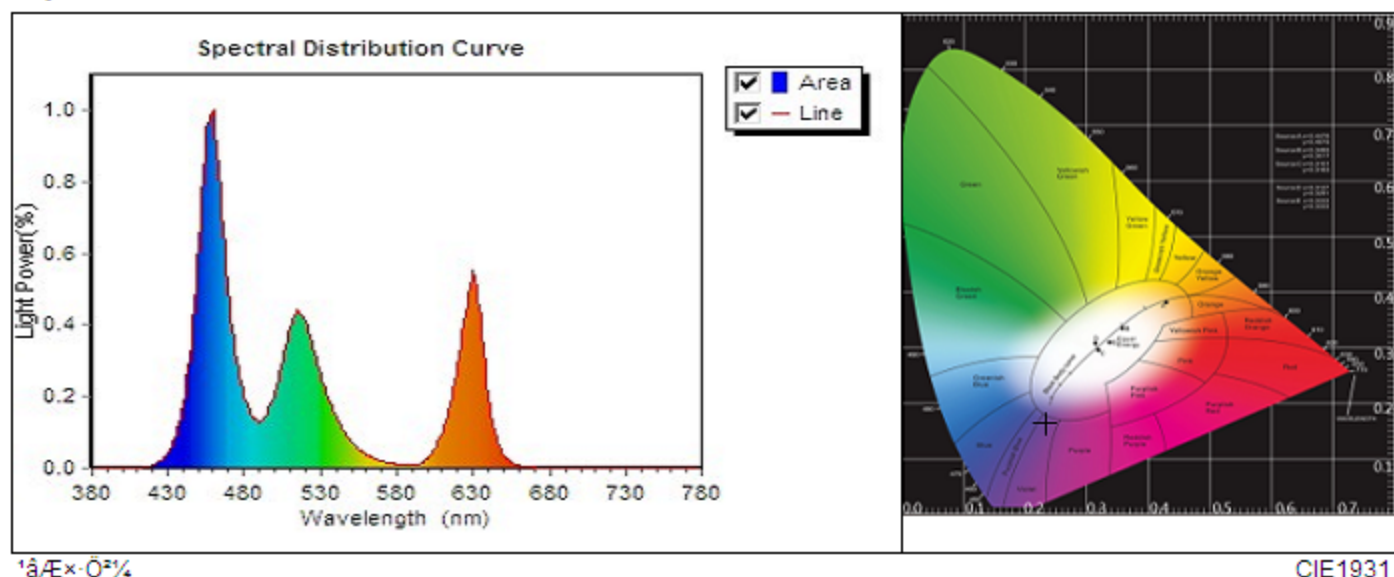
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 57295 (87.4%)
Integral time. : 46ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2296$ $y=0.2158$ $u=0.1790$ $v=0.2524$ ($duv=-0.0201$)
Color temperature: $TC=100000$ K Color difference: $SDCM=59.9$ Main Wavelength: $\lambda_d=478.09$ nm Purity: $Purity=0.635$
Peak wavelength: $\lambda_p=458.3$ nm FWHM: $\Delta\lambda_p=21.1$ nm Color ratio: $R=22.04\%$ $G=65.75\%$ $B=12.21\%$

Color rendering index (Ra): $Ra=48$

$R1=29.6$ $R2=57.2$ $R3=72.0$ $R4=49.8$ $R5=51.3$ $R6=56.1$ $R7=62.9$ $R8=4.3$
 $R9=-224.1$ $R10=-7.3$ $R11=28.5$ $R12=62.1$ $R13=32.0$ $R14=78.5$ $R15=8.9$

Optical Parameter

Luminous flux: 37.946 lm Luminous efficiency: 28.23 lm/w Radiant flux: 0.1869 W

Electrical Parameter

Voltage: 24.0 V Current: 0.056 A Watto: 1.344 W Power factor: 1.000

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