



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : B1548RGBW
Manufacturer : BLED

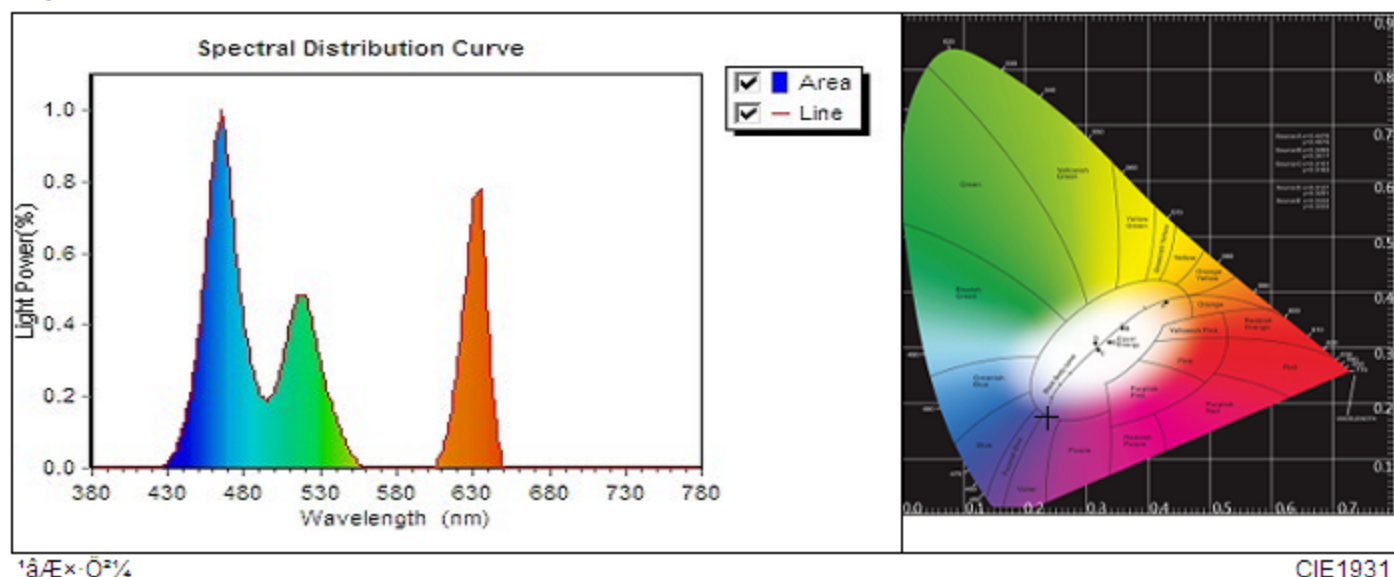
Test date. : 2026-03-03
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 46880 (71.5%)
Integral time. : 66ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2332$ $y=0.2264$ $u=0.1777$ $v=0.2587$ ($duv=-0.0143$)
Color temperature: $TC=100000$ K Color difference: $SDCM=55.9$ Main Wavelength: $\lambda_d=479$ nm Purity: $Purity=0.619$
Peak wavelength: $\lambda_p=464.5$ nm FWHM: $\Delta\lambda_p=24.5$ nm Color ratio: $R=23.93\%$ $G=60.89\%$ $B=15.17\%$

Color rendering index (Ra): $Ra=24.9$

$R1=5.0$ $R2=36.0$ $R3=51.8$ $R4=32.0$ $R5=32.6$ $R6=35.0$ $R7=43.4$ $R8=-37.1$
 $R9=-335.0$ $R10=-60.5$ $R11=17.7$ $R12=46.8$ $R13=7.2$ $R14=67.5$ $R15=-21.1$

Optical Parameter

Luminous flux: 940.184 lm luminous efficiency: 18.4 lm/w Radiant flux: 4.8091 W

Electrical Parameter

Voltage: 24.0 V Current: 2.129 A Watto: 51.096 W Power factor: 1.000

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