



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

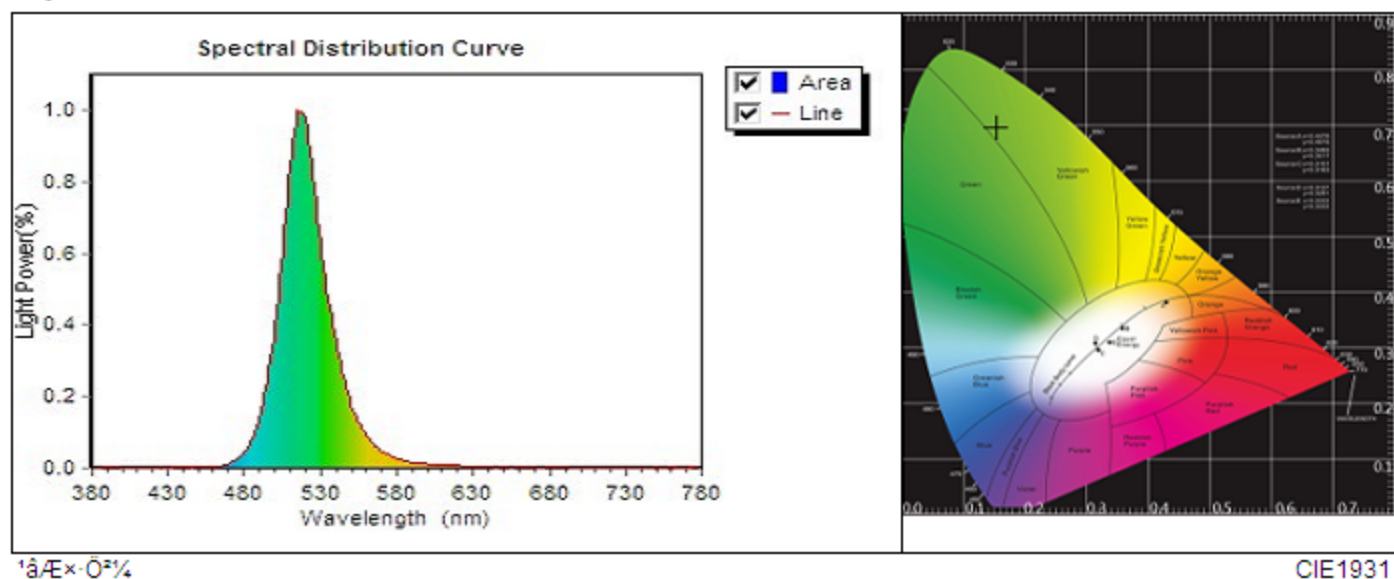
Test date. : 2026-03-03
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 40757 (62.2%)
Integral time. : 107ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1517$ $y=0.7096$ $u=0.0541$ $v=0.3797$ ($duv=0.1608$)
Color temperature: $TC=8218$ K Color difference: $SDCM=285.0$ Main Wavelength: $\lambda_d=503.05$ nm Purity: $Purity=0.867$
Peak wavelength: $\lambda_p=517.0$ nm FWHM: $\Delta\lambda_p=31.3$ nm Color ratio: $R=0.66\%$ $G=97.06\%$ $B=2.28\%$

Color rendering index (Ra): $Ra=-20.9$

$R1=-31.2$ $R2=-6.2$ $R3=-20.8$ $R4=-58.7$ $R5=-6.1$ $R6=-14.6$ $R7=-3.3$ $R8=-26.6$
 $R9=-337.4$ $R10=-102.7$ $R11=-86.1$ $R12=-29.0$ $R13=-36.1$ $R14=39.9$ $R15=-28.5$

Optical Parameter

Luminous flux: 835.236 lm Luminous efficiency: 39.5 lm/w Radiant flux: 1.8577 W

Electrical Parameter

Voltage: 24.0 V Current: 0.881 A Watto: 21.144 W Power factor: 1.000

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