



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

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

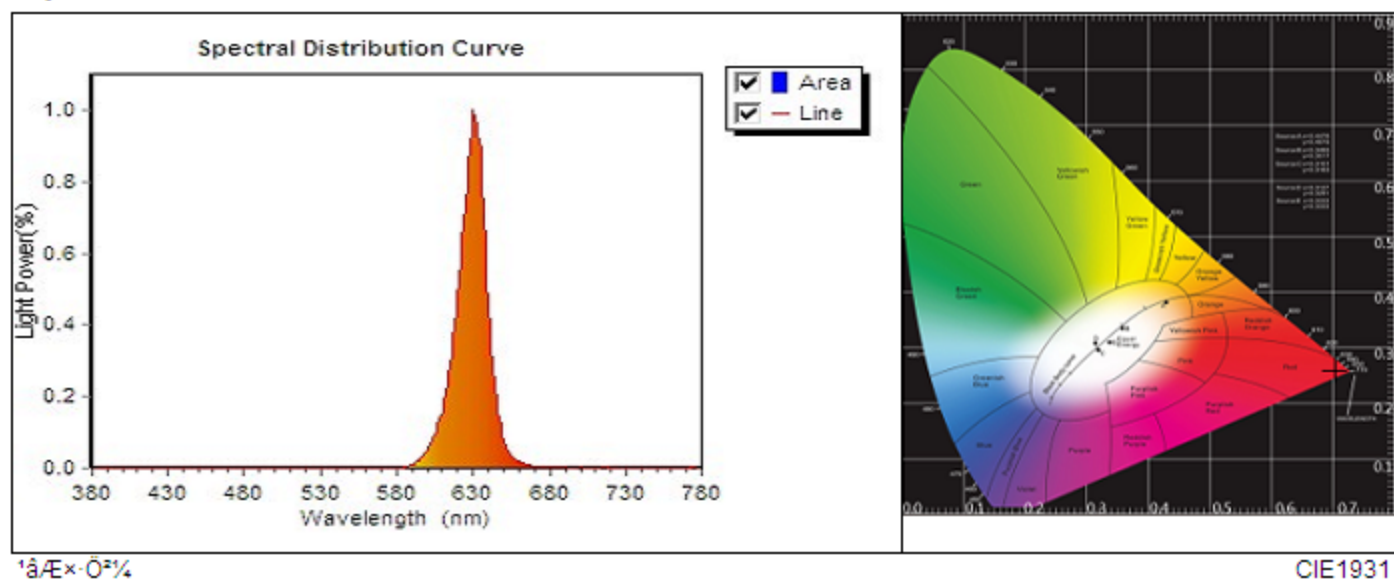
Test date. : 2026-03-03
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 55792 (85.1%)
Integral time. : 107ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6929$ $y=0.3046$ $u=0.5259$ $v=0.3468$ ($duv=-0.0782$)
Color temperature: $TC=1000$ K Color difference: $SDCM=191.6$ Main Wavelength: $\lambda_d=493.98$ nm Purity: $Purity=0.627$
Peak wavelength: $\lambda_p=631.1$ nm FWHM: $\lambda_p=18.4$ nm Color ratio: $R=96.92\%$ $G=3.03\%$ $B=0.05\%$

Color rendering index (Ra): $Ra=20.4$

$R1=13.6$ $R2=81.9$ $R3=33.8$ $R4=-15.0$ $R5=11.2$ $R6=93.6$ $R7=7.5$ $R8=-64.1$
 $R9=-212.6$ $R10=77.5$ $R11=3.6$ $R12=74.4$ $R13=46.1$ $R14=62.1$ $R15=-29.0$

Optical Parameter

Luminous flux: 404.877 lm Luminous efficiency: 19.41 lm/w Radiant flux: 2.0433 W

Electrical Parameter

Voltage: 24.0 V Current: 0.869 A Watto: 20.856 W Power factor: 1.000

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