



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

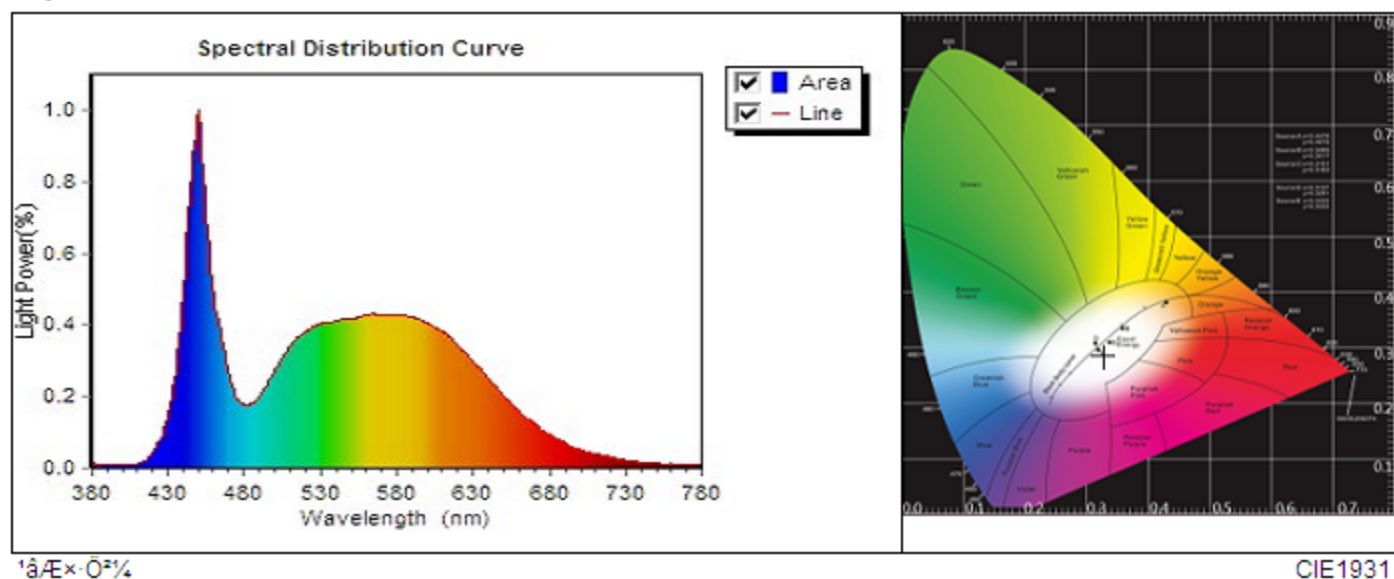
Test date. : 2026-03-03
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 54240 (82.8%)
Integral time. : 136ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3238$ $y=0.3275$ $u=0.2062$ $v=0.3128$ ($duv=-0.0031$)
Color temperature: $TC=5926$ K Color difference: $SDCM=6.3$ Main Wavelength: $\lambda_d=482$ nm Purity: $Purity=0.333$
Peak wavelength: $\lambda_p=449.3$ nm FWHM: $\Delta\lambda_p=18.8$ nm Color ratio: $R=16.27\%$ $G=79.21\%$ $B=4.52\%$

Color rendering index (Ra): $Ra=85.1$

$R1=86.1$ $R2=88.1$ $R3=87.5$ $R4=86.7$ $R5=86.4$ $R6=82.0$ $R7=87.7$ $R8=76.0$
 $R9=27.8$ $R10=70.1$ $R11=87.1$ $R12=62.6$ $R13=86.5$ $R14=92.9$ $R15=83.8$

Optical Parameter

Luminous flux: 1547.914 lm luminous efficiency: 68.47 lm/w Radiant flux: 5.1025 W

Electrical Parameter

Voltage: 24.0 V Current: 0.942 A Watto: 22.608 W Power factor: 1.000

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