



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : B1502-BC
Manufacturer : BLED

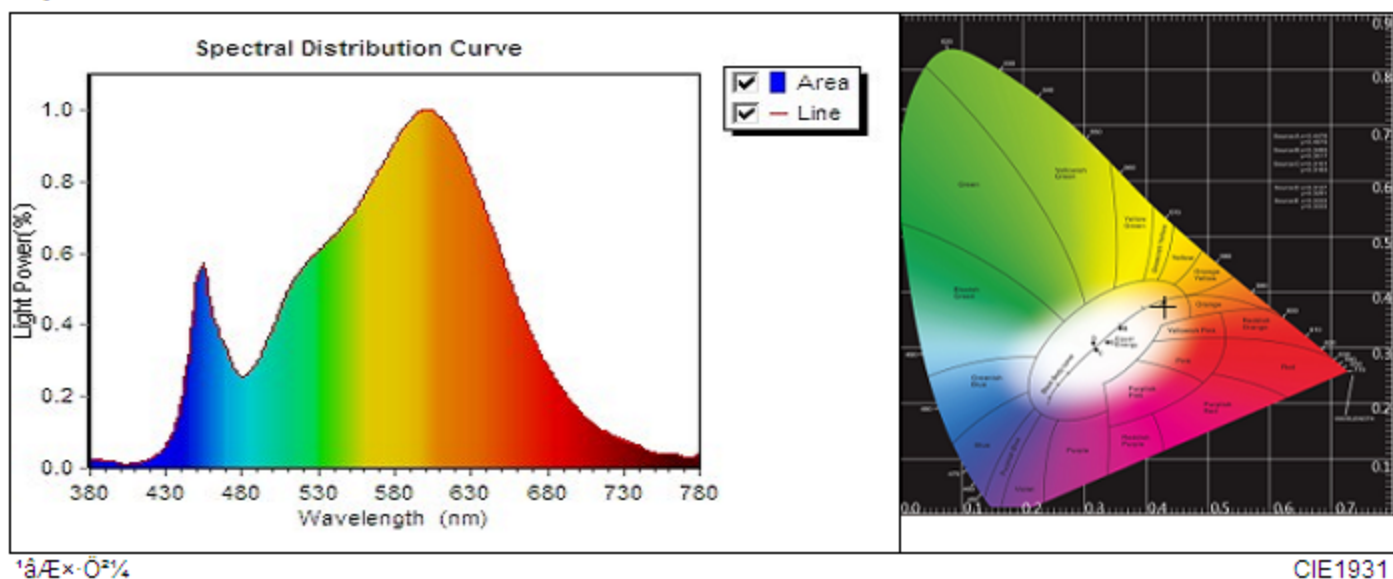
Test date. : 2022-06-03
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 51564 (78.7%)
Integral time. : 110ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4226$ $y=0.4103$ $u=0.2388$ $v=0.3478$ ($duv=0.0048$)
Color temperature: $TC=3306K$ Color difference: $SDCM=6.9$ Main Wavelength: $\lambda_d=492.1nm$ Purity: $Purity=0.061$
Peak wavelength: $\lambda_p=601.7nm$ FWHM: $\lambda_p=147.4nm$ Color ratio: $R=22.65\%$ $G=74.72\%$ $B=2.63\%$

Color rendering index (Ra): $Ra=84$

$R1=81.9$ $R2=90.5$ $R3=97.9$ $R4=82.1$ $R5=81.6$ $R6=88.2$ $R7=86.1$ $R8=63.4$
 $R9=12.0$ $R10=78.1$ $R11=81.5$ $R12=65.8$ $R13=84.7$ $R14=99.0$ $R15=74.3$

Optical Parameter

Luminous flux: 62.291 lm Luminous efficiency: 108.14 lm/w Radiant flux: 0.1889 W

Electrical Parameter

Voltage: 23.99 V Current: 0.024 A Watts: 0.576 W Power factor: 1.000

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