



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : B1522BC
Manufacturer : BLED

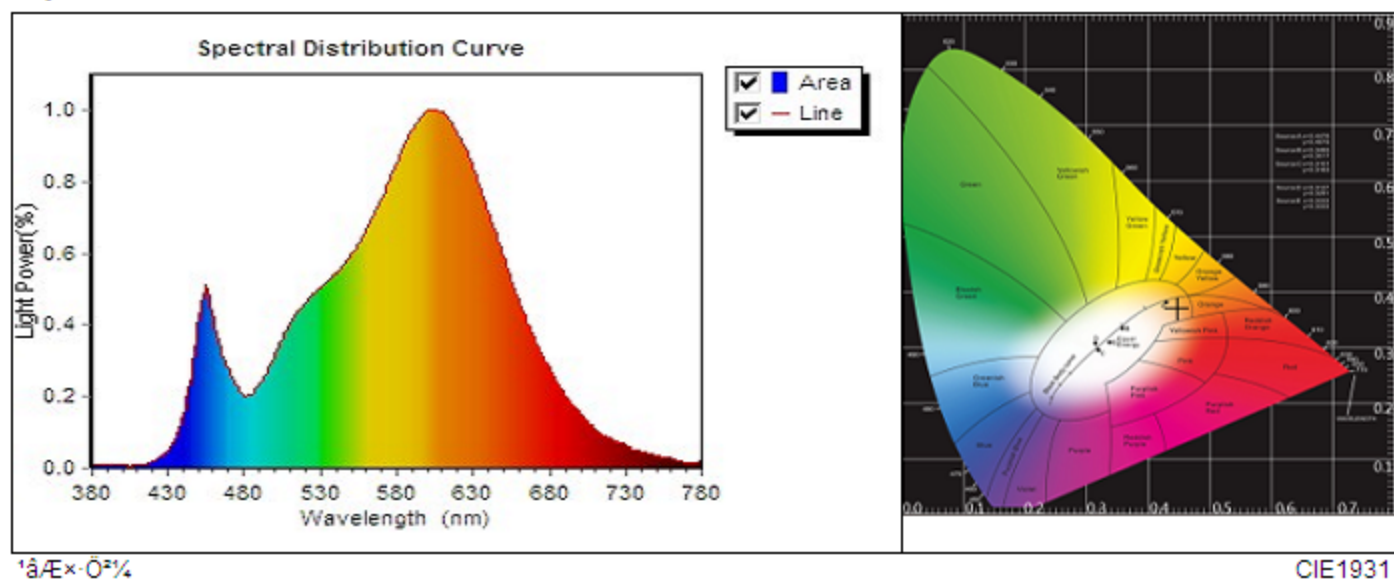
Test date. : 2021-07-29
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 31653 (48.3%)
Integral time. : 43ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4402$ $y=0.4072$ $u=0.2513$ $v=0.3487$ ($duv=0.0008$)
Color temperature: $TC=2971$ K Color difference: $SDCM=2.1$ Main Wavelength: $\lambda_d=490$ nm Purity: $Purity=0.018$
Peak wavelength: $\lambda_p=603.5$ nm FWHM: $\Delta\lambda_p=128.1$ nm Color ratio: $R=25.05\%$ $G=72.59\%$ $B=2.36\%$

Color rendering index (Ra): $Ra=83.7$

$R1=82.5$ $R2=92.3$ $R3=96.0$ $R4=81.6$ $R5=82.6$ $R6=91.1$ $R7=82.9$ $R8=59.9$
 $R9=10.1$ $R10=82.4$ $R11=81.5$ $R12=71.8$ $R13=85.8$ $R14=98.6$ $R15=74.6$

Optical Parameter

Luminous flux: 89.467 lm Luminous efficiency: 138.07 lm/w Radiant flux: 0.2727 W

Electrical Parameter

Voltage: 12.0 V Current: 0.054 A Watto: 0.648 W Power factor: 1.000

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