



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : B1522BF
Manufacturer : BLED

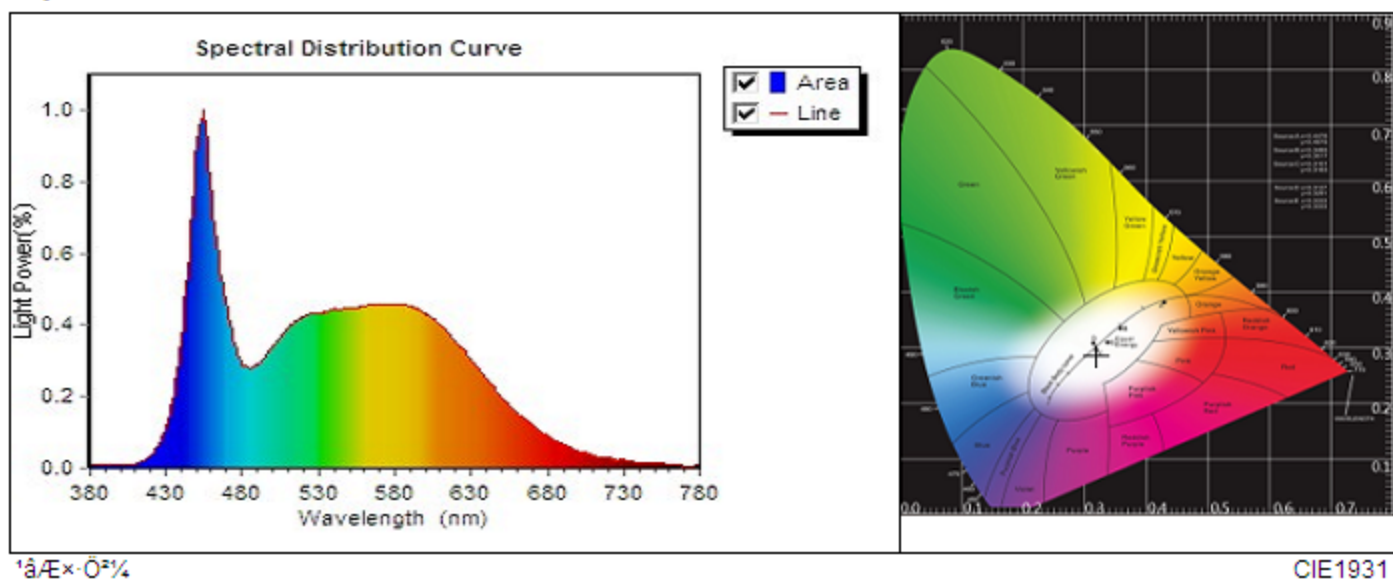
Test date. : 2021-07-29
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 37306 (56.9%)
Integral time. : 43ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3157$ $y=0.3278$ $u=0.2004$ $v=0.3121$ ($duv=0.0011$)
Color temperature: $TC=6352$ K Color difference: $SDCM=5.7$ Main Wavelength: $\lambda_d=482.08$ nm Purity: $Purity=0.348$
Peak wavelength: $\lambda_p=453.8$ nm FWHM: $\Delta\lambda_p=23.9$ nm Color ratio: $R=15.56\%$ $G=78.78\%$ $B=5.67\%$

Color rendering index (Ra): $Ra=87.1$

$R1=86.7$ $R2=93.0$ $R3=94.4$ $R4=85.8$ $R5=86.3$ $R6=87.3$ $R7=88.7$ $R8=73.8$
 $R9=24.6$ $R10=81.7$ $R11=85.9$ $R12=63.0$ $R13=89.6$ $R14=97.5$ $R15=83.0$

Optical Parameter

Luminous flux: 78.491 lm Luminous efficiency: 116.98 lm/w Radiant flux: 0.2595 W

Electrical Parameter

Voltage: 11.99 V Current: 0.056 A Watts: 0.671 W Power factor: 1.000

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