



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

Spectral test report for lamp

Product type : TIRALED
Product No. : B1552BF
Manufacturer : BLED

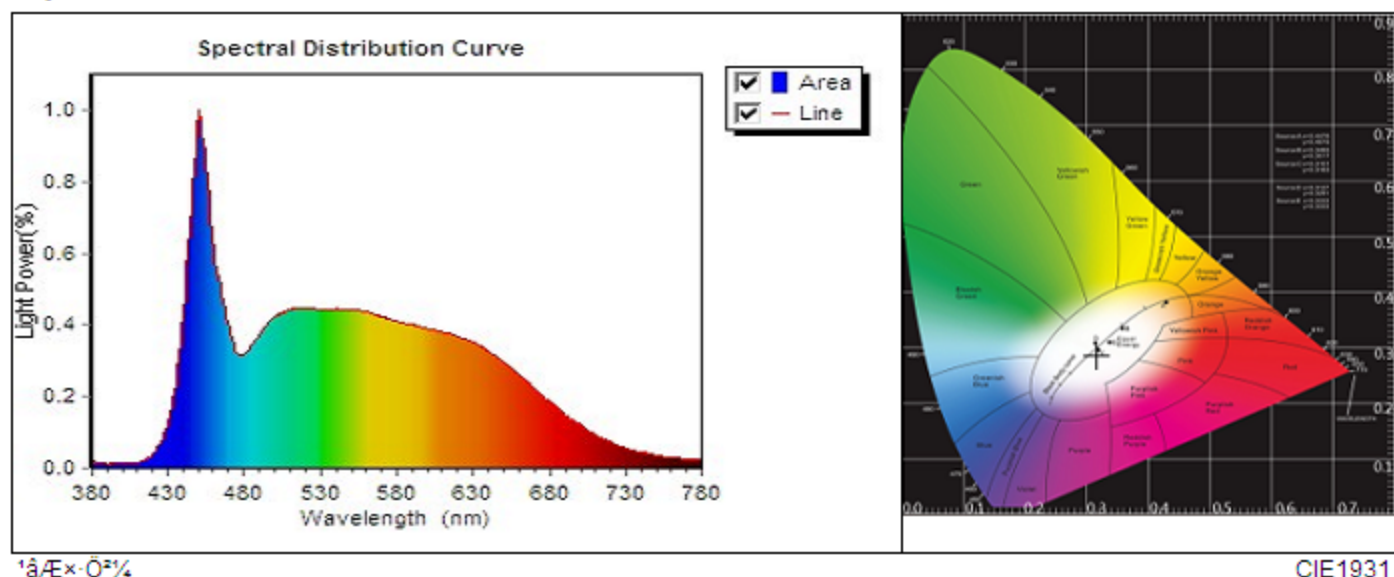
Test date. : 2022-06-03
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 55899 (85.3%)
Integral time. : 34ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3128$ $y=0.3270$ $u=0.1987$ $v=0.3115$ ($duv=0.0021$)
Color temperature: $TC=6514$ K Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=482.03$ nm Purity: $Purity=0.355$
Peak wavelength: $\lambda_p=450.7$ nm FWHM: $\Delta\lambda_p=22.8$ nm Color ratio: $R=16.23\%$ $G=77.65\%$ $B=6.12\%$

Color rendering index (Ra): $Ra=95$

$R1=95.3$ $R2=96.9$ $R3=96.1$ $R4=95.6$ $R5=94.7$ $R6=92.7$ $R7=96.2$ $R8=91.9$
 $R9=77.0$ $R10=91.8$ $R11=95.7$ $R12=72.9$ $R13=96.6$ $R14=98.1$ $R15=94.5$

Optical Parameter

Luminous flux: 161.536 lm Luminous efficiency: 106.91 lm/w Radiant flux: 0.5882 W

Electrical Parameter

Voltage: 23.99 V Current: 0.063 A Watts: 1.511 W Power factor: 1.000

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