



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : B1652-50-BN_80mm
Manufacturer : BLED

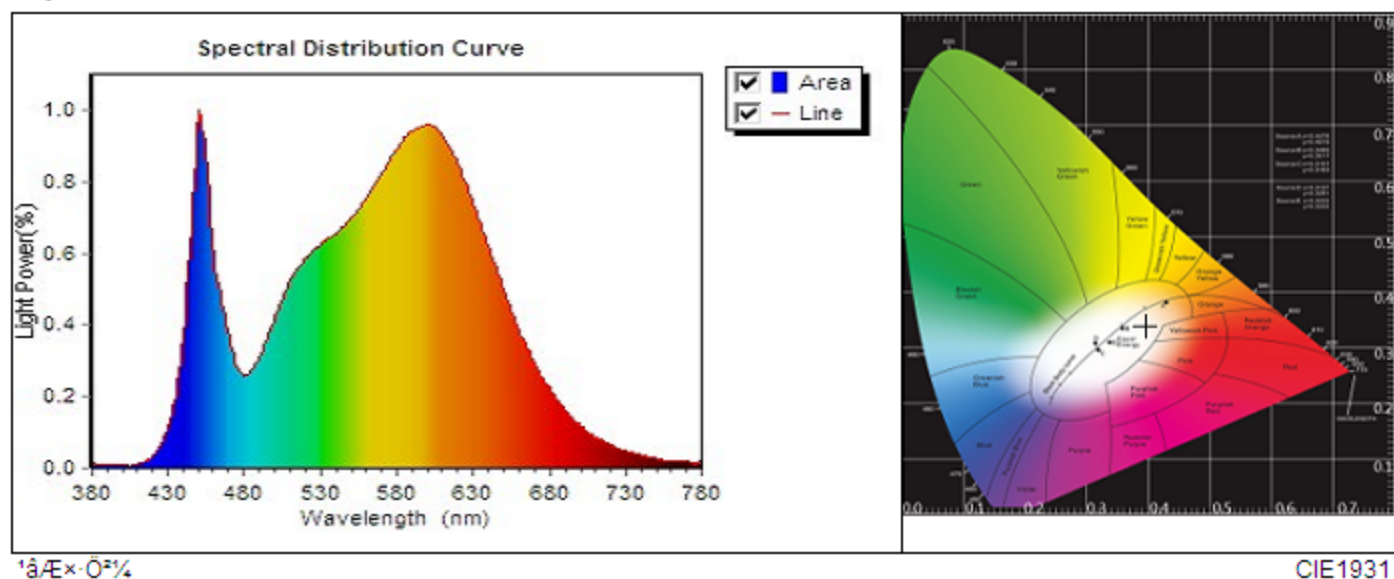
Test date. : 2022-10-17
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 48056 (73.3%)
Integral time. : 143ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3910$ $y=0.3788$ $u=0.2312$ $v=0.3360$ ($duv=-0.0020$)
Color temperature: $TC=3739$ K Color difference: $SDCM=7.3$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.146$
Peak wavelength: $\lambda_p=451.2$ nm FWHM: $\Delta\lambda_p=20.7$ nm Color ratio: $R=21.23\%$ $G=75.61\%$ $B=3.16\%$

Color rendering index (Ra): $Ra=84.5$

$R1=83.5$ $R2=91.4$ $R3=95.9$ $R4=83.3$ $R5=83.7$ $R6=87.9$ $R7=85.1$ $R8=64.5$
 $R9=12.6$ $R10=79.4$ $R11=83.1$ $R12=66.4$ $R13=86.2$ $R14=98.3$ $R15=77.3$

Optical Parameter

Luminous flux: 44.084 lm Luminous efficiency: 108.05 lm/w Radiant flux: 0.1348 W

Electrical Parameter

Voltage: 24.0 V Current: 0.017 A Watto: 0.408 W Power factor: 1.000

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