



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : B1652-50-270_80mm
Manufacturer : BLED

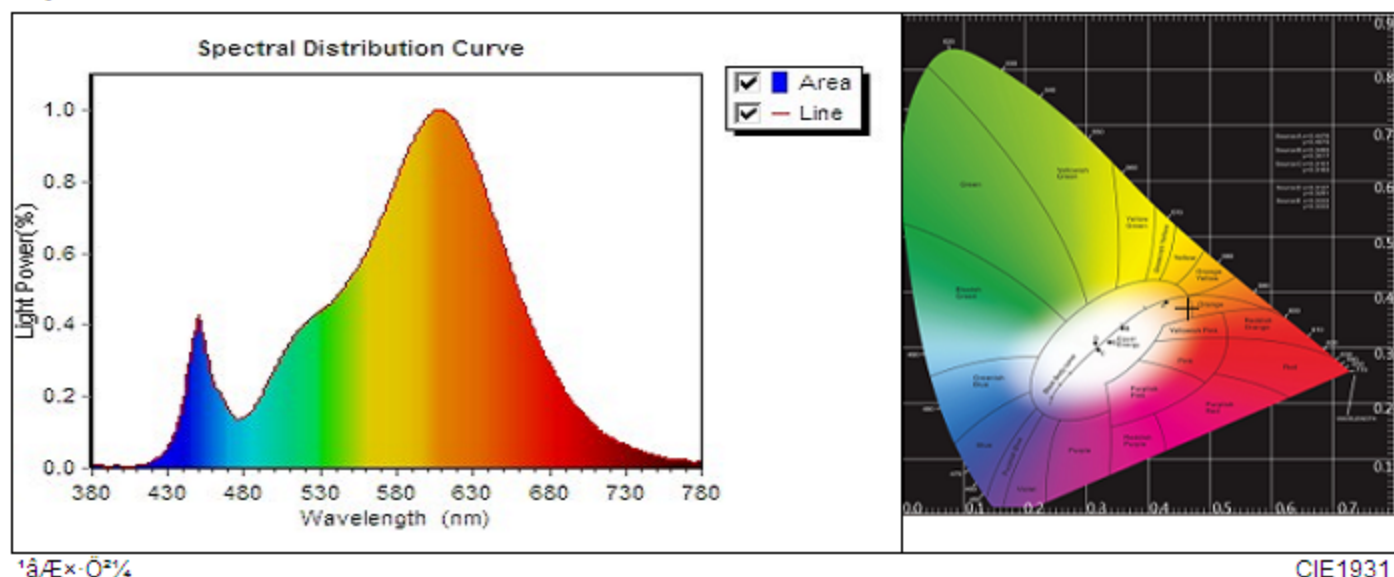
Test date. : 2022-10-17
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 46307 (70.7%)
Integral time. : 143ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4578$ $y=0.4080$ $u=0.2623$ $v=0.3507$ ($duv=-0.0008$)
Color temperature: $TC=2709$ K Color difference: $SDCM=5.3$ Main Wavelength: $\lambda_d=610.1$ nm Purity: $Purity=0.044$
Peak wavelength: $\lambda_p=607.4$ nm FWHM: $\Delta\lambda_p=114.8$ nm Color ratio: $R=27.19\%$ $G=70.89\%$ $B=1.92\%$

Color rendering index (Ra): $Ra=83.6$

$R1=82.5$ $R2=92.2$ $R3=95.9$ $R4=82.3$ $R5=83.0$ $R6=91.7$ $R7=82.1$ $R8=59.0$
 $R9=11.1$ $R10=82.8$ $R11=83.0$ $R12=77.8$ $R13=85.6$ $R14=98.5$ $R15=74.5$

Optical Parameter

Luminous flux: 38.876 lm Luminous efficiency: 95.28 lm/w Radiant flux: 0.1209 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>