



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V15W-IP20-10M-RGBCCT (BC) (1
Manufacturer : BLED

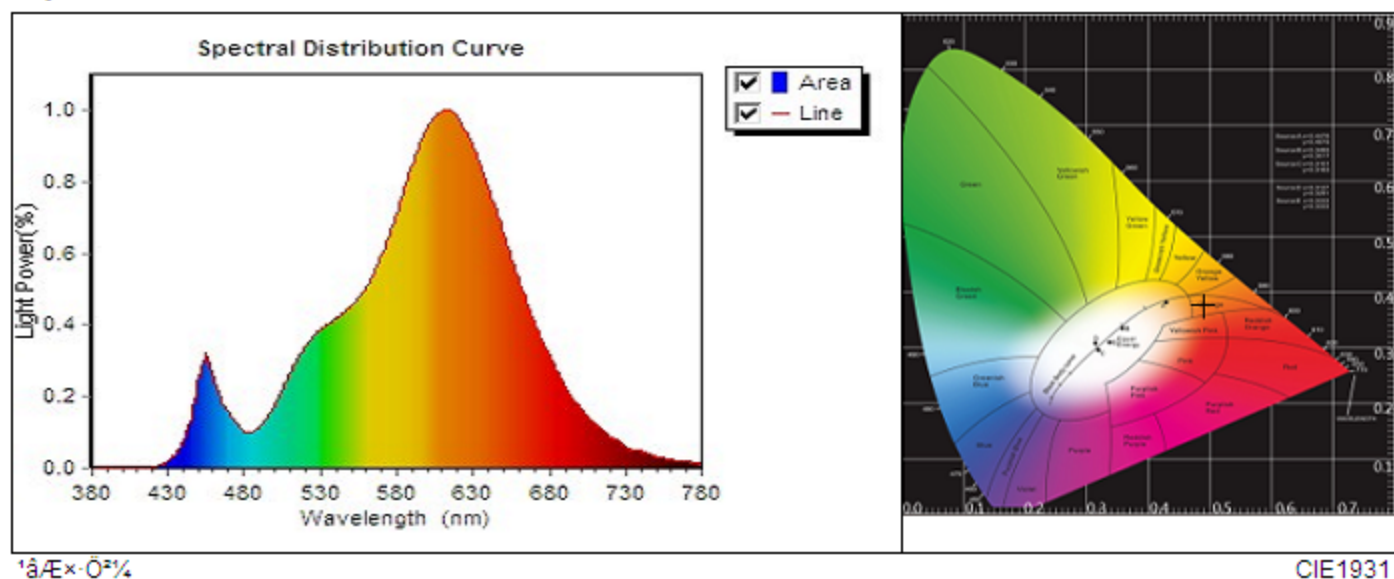
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50541 (77.1%)
Integral time. : 79ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4828$ $y=0.4120$ $u=0.2768$ $v=0.3542$ ($duv=-0.0008$)
Color temperature: $TC=2418$ K Color difference: $SDCM=15.8$ Main Wavelength: $\lambda_d=603.02$ nm Purity: $Purity=0.175$
Peak wavelength: $\lambda_p=613.0$ nm FWHM: $\Delta\lambda_p=102.5$ nm Color ratio: $R=30.39\%$ $G=68.11\%$ $B=1.50\%$

Color rendering index (Ra): $Ra=84.4$

$R1=84.2$ $R2=93.5$ $R3=95.9$ $R4=83.2$ $R5=84.2$ $R6=94.0$ $R7=81.3$ $R8=58.9$
 $R9=14.3$ $R10=84.8$ $R11=84.6$ $R12=77.8$ $R13=87.7$ $R14=99.1$ $R15=75.4$

Optical Parameter

Luminous flux: 71.448 lm Luminous efficiency: 93.03 lm/w Radiant flux: 0.2271 W

Electrical Parameter

Voltage: 48.0 V Current: 0.016 A Watto: 0.768 W Power factor: 1.000

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