



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. : BLS5050-48V12W-IP20-10M-RGBWW (BC) (1
Manufacturer : BLED

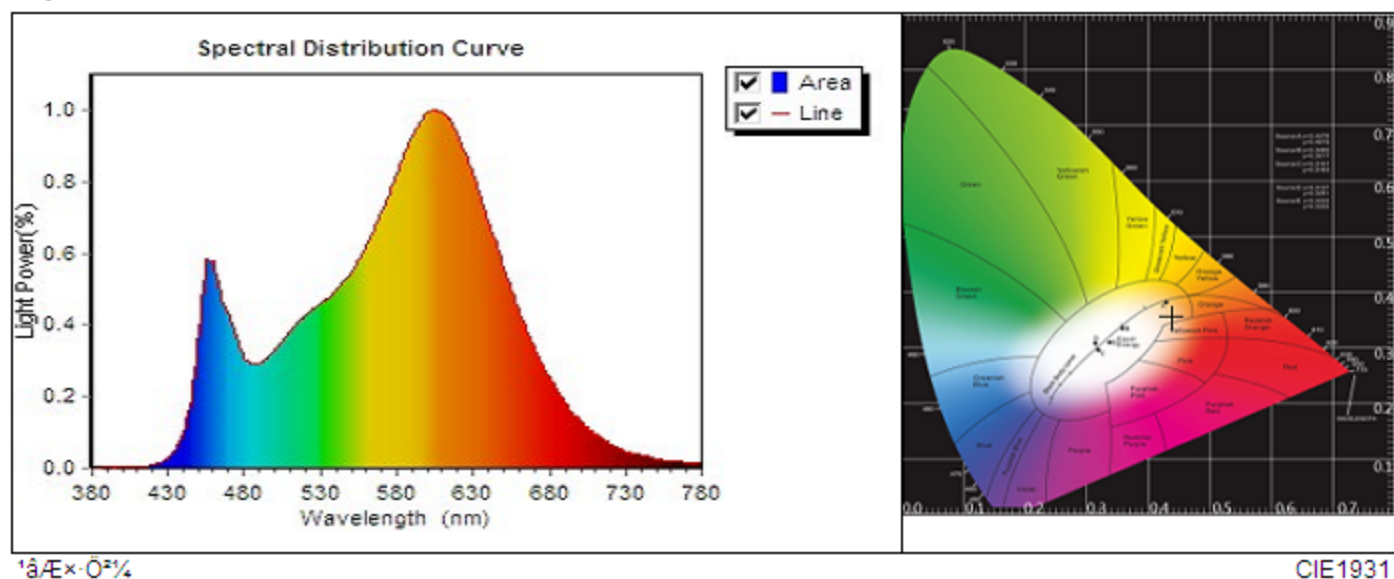
Test date. : 2024-07-19
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49500 (75.5%)
Integral time. : 71ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4329$ $y=0.3934$ $u=0.2526$ $v=0.3443$ ($duv=-0.0038$)
Color temperature: $TC=2980$ K Color difference: $SDCM=4.3$ Main Wavelength: $\lambda_d=477.09$ nm Purity: $Purity=0.044$
Peak wavelength: $\lambda_p=604.7$ nm FWHM: $\Delta\lambda_p=114.1$ nm Color ratio: $R=25.75\%$ $G=71.09\%$ $B=3.17\%$

Color rendering index (Ra): $Ra=84.2$

$R1=86.1$ $R2=97.9$ $R3=88.8$ $R4=81.2$ $R5=87.0$ $R6=94.4$ $R7=78.7$ $R8=59.1$
 $R9=15.1$ $R10=95.3$ $R11=81.9$ $R12=77.9$ $R13=90.6$ $R14=94.7$ $R15=78.2$

Optical Parameter

Luminous flux: 83.65 lm luminous efficiency: lm/w Radiant flux: 0.2601 W

Electrical Parameter

Voltage: 48 V Current: 0.015 A Watte: 0.72 W Power factor:

MEASUREFINE

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