



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V12W-IP20-20M-RGBWW (Red) (
Manufacturer : BLED

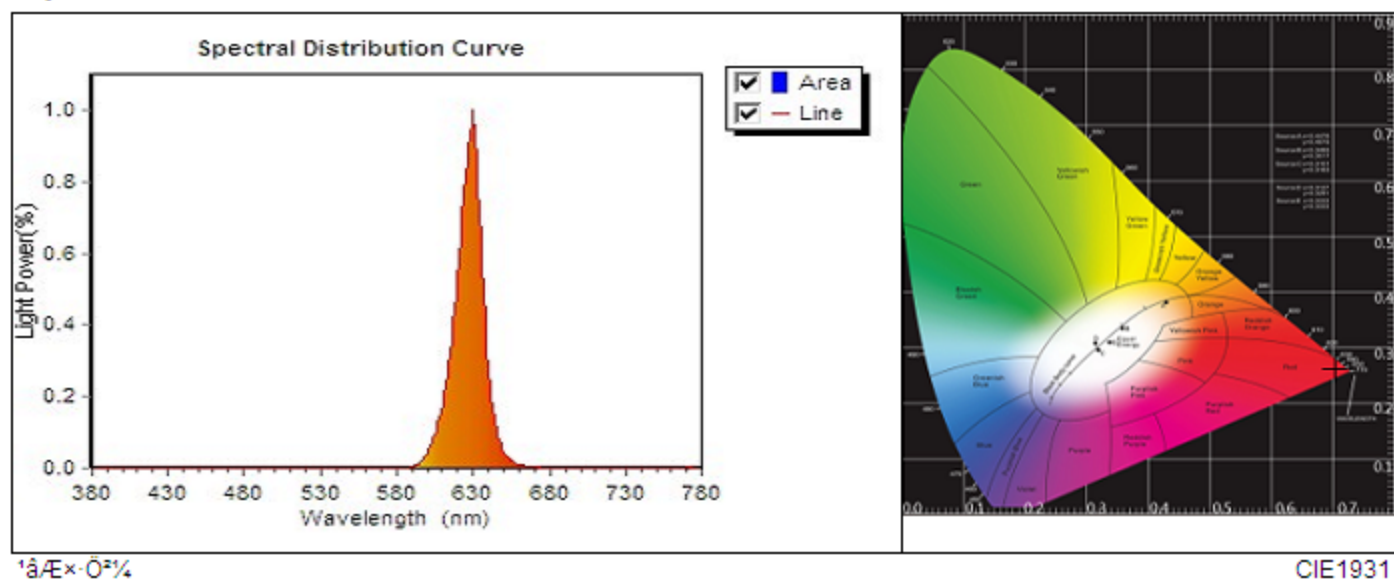
Test date. : 2024-07-19
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 30633 (46.7%)
Integral time. : 32ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6936$ $y=0.3056$ $u=0.5255$ $v=0.3473$ ($duv=-0.0777$)
Color temperature: $TC=1000$ K Color difference: $SDCM=191.7$ Main Wavelength: $\lambda_d=493.92$ nm Purity: $Purity=0.628$
Peak wavelength: $\lambda_p=629.2$ nm FWHM: $\lambda_p=17.5$ nm Color ratio: $R=98.25\%$ $G=1.74\%$ $B=0.02\%$

Color rendering index (Ra): $Ra=13.2$

$R1=7.3$ $R2=79.9$ $R3=29.4$ $R4=-25.7$ $R5=1.9$ $R6=92.1$ $R7=0.0$ $R8=-79.2$
 $R9=-239.4$ $R10=73.4$ $R11=-9.1$ $R12=77.9$ $R13=41.6$ $R14=59.4$ $R15=-39.3$

Optical Parameter

Luminous flux: 14.316 lm Luminous efficiency: lm/w Radiant flux: 0.0683 W

Electrical Parameter

Voltage: 48 V Current: 0.008 A Watte: 0.384 W Power factor:

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