



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 (Red) (
Manufacturer : BLED

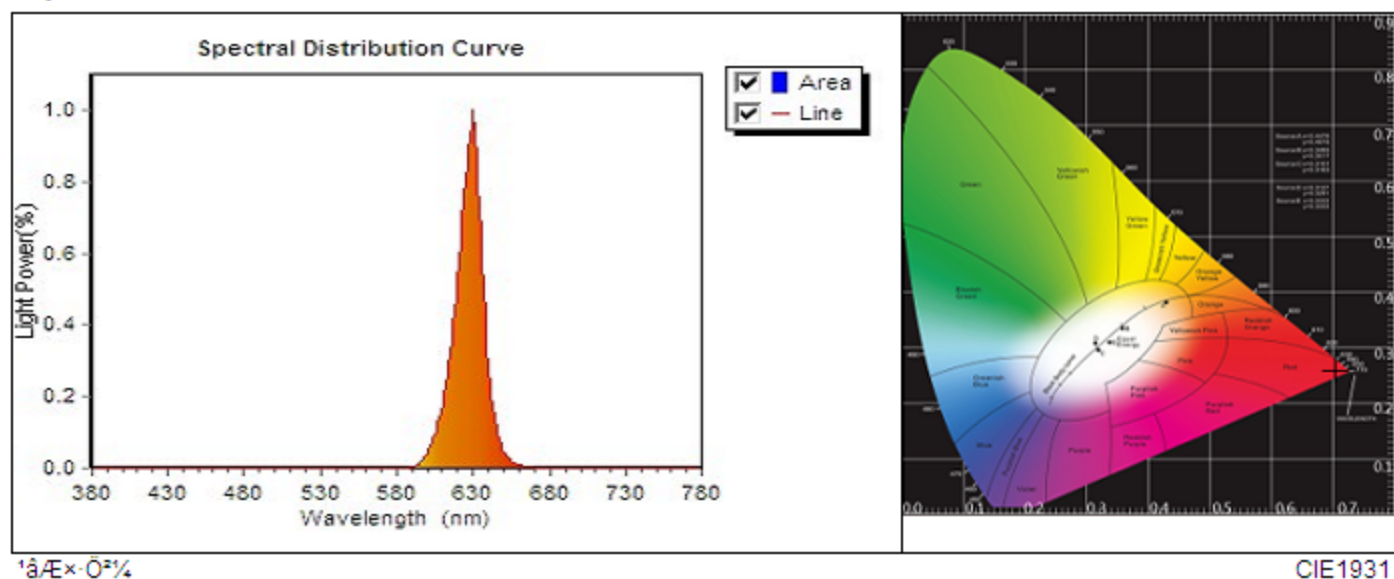
Test date. : 2024-07-19
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 41101 (62.7%)
Integral time. : 44ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6947$ $y=0.3050$ $u=0.5272$ $v=0.3472$ ($duv=-0.0794$)
Color temperature: $TC=1000$ K Color difference: $SDCM=192.6$ Main Wavelength: $\lambda_d=493.96$ nm Purity: $Purity=0.631$
Peak wavelength: $\lambda_p=629.3$ nm FWHM: $\Delta\lambda_p=17.4$ nm Color ratio: $R=98.63\%$ $G=1.37\%$ $B=0.01\%$

Color rendering index (Ra): $Ra=10$

$R1=3.5$ $R2=78.5$ $R3=26.3$ $R4=-31.4$ $R5=-2.8$ $R6=90.9$ $R7=-2.0$ $R8=-83.5$
 $R9=-247.5$ $R10=71.8$ $R11=-15.5$ $R12=78.8$ $R13=38.6$ $R14=57.1$ $R15=-43.5$

Optical Parameter

Luminous flux: 13.992 lm Luminous efficiency: lm/w Radiant flux: 0.0668 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>