



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type :
Product No. : B2153RGB (R)
Manufacturer : BLED

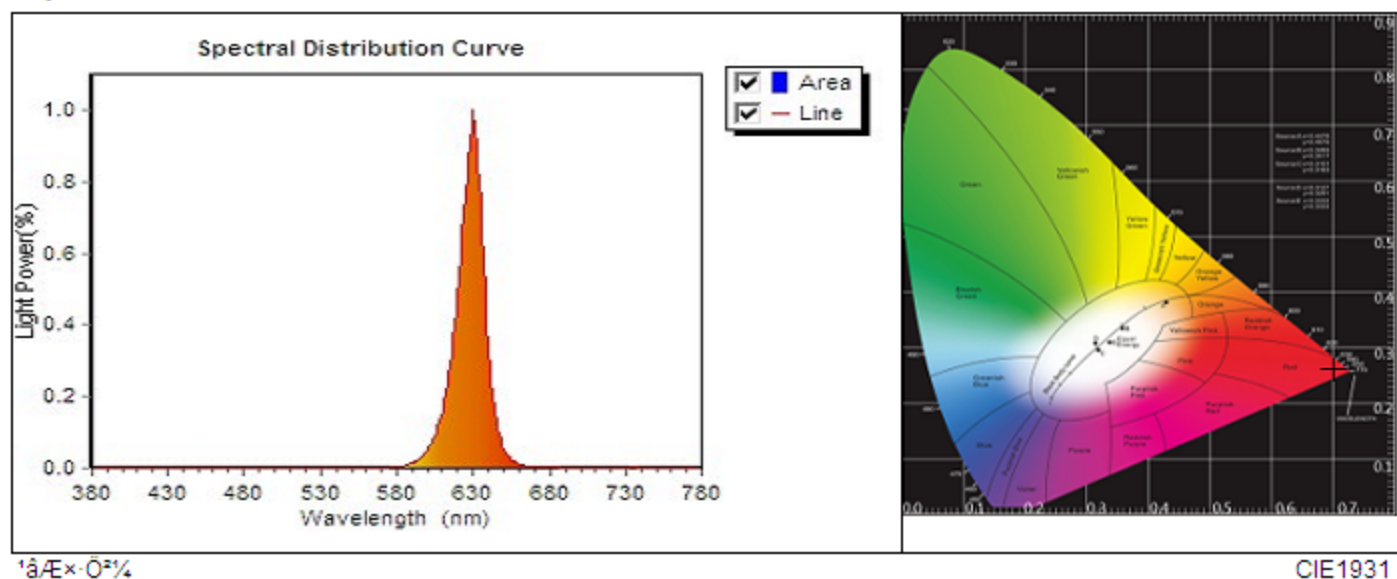
Test date. : 2024-04-25
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 48723 (74.3%)
Integral time. : 157ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6917$ $y=0.3068$ $u=0.5222$ $v=0.3474$ ($duv=-0.0744$)
Color temperature: $TC=1000$ K Color difference: $SDCM=190.0$ Main Wavelength: $\lambda_d=493.95$ nm Purity: $Purity=0.623$
Peak wavelength: $\lambda_p=629.9$ nm FWHM: $\Delta\lambda_p=17.6$ nm Color ratio: $R=96.01\%$ $G=3.95\%$ $B=0.03\%$

Color rendering index (Ra): $Ra=21.1$

$R1=14.4$ $R2=81.2$ $R3=35.2$ $R4=-14.1$ $R5=11.4$ $R6=93.0$ $R7=9.3$ $R8=-62.0$
 $R9=-208.3$ $R10=76.1$ $R11=2.2$ $R12=76.3$ $R13=45.3$ $R14=63.1$ $R15=-26.5$

Optical Parameter

Luminous flux: 223.193 lm luminous efficiency: lm/w Radiant flux: 1.0805 W

Electrical Parameter

Voltage: Current: Wattle: Power factor:

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