



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

Spectral test report for lamp

Product type : LINEAL LED
Product No. : B1211-B-BC
Manufacturer : BLED

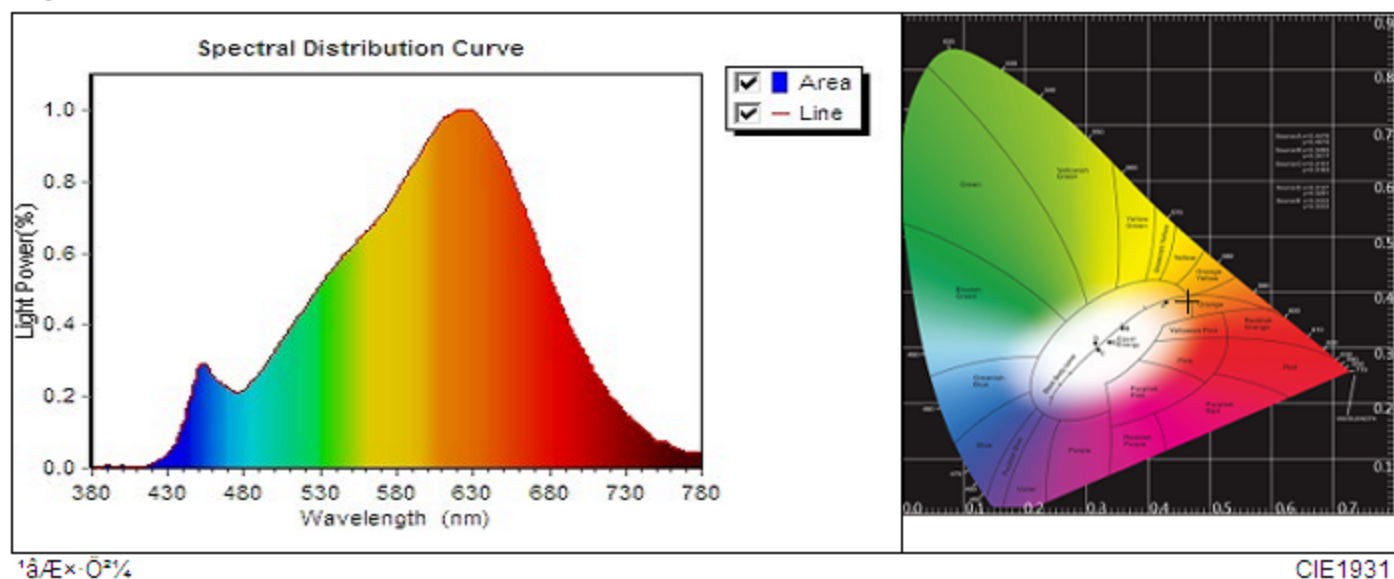
Test date. : 2023-02-15
Test equipment: SPEC2000A Spectrometer
Operator. : BL20210930HT1

Test Condition

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

Humidity : 65%
Peak AD. : 51067 (77.9%)
Integral time. : 1238ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4581$ $y=0.4198$ $u=0.2573$ $v=0.3537$ ($duv=0.0035$)
Color temperature: $TC=2795$ K Color difference: $SDCM=3.2$ Main Wavelength: $\lambda_d=575.01$ nm Purity: $Purity=0.145$
Peak wavelength: $\lambda_p=623.5$ nm FWHM: $\Delta\lambda_p=155.9$ nm Color ratio: $R=27.00\%$ $G=70.76\%$ $B=2.24\%$

Color rendering index (Ra): $Ra=92$

$R1=91.6$ $R2=95.2$ $R3=97.7$ $R4=91.8$ $R5=90.8$ $R6=94.5$ $R7=92.9$ $R8=81.2$
 $R9=56.8$ $R10=87.7$ $R11=91.9$ $R12=80.0$ $R13=92.7$ $R14=97.8$ $R15=87.1$

Optical Parameter

Luminous flux: 242.827 lm Luminous efficiency: 53.96 lm/w Radiant flux: 0.8435 W

Electrical Parameter

Voltage: 230.5 V Current: 0.036 A Watts: 4.50 W Power factor: 0.536

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