



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. : B1212-N-BC
Manufacturer : BLED

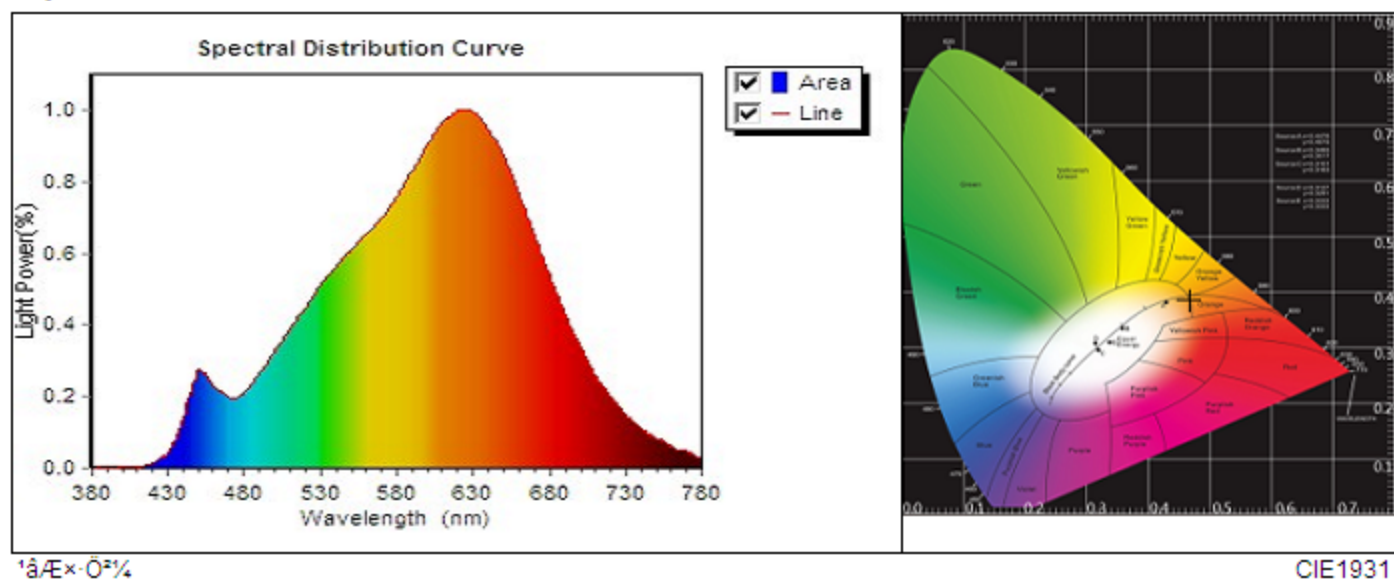
Test date. : 2023-02-15
Test equipment: SPEC2000A Spectrometer
Operator. : BL202210930HT1

Test Condition

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

Humidity : 65%
Peak AD. : 51664 (78.8%)
Integral time. : 453ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4598$ $y=0.4212$ $u=0.2578$ $v=0.3542$ ($duv=0.0039$)
Color temperature: $TC=2783$ K Color difference: $SDCM=2.5$ Main Wavelength: $\lambda_d=575.05$ nm Purity: $Purity=0.164$
Peak wavelength: $\lambda_p=624.4$ nm FWHM: $\Delta\lambda_p=155.8$ nm Color ratio: $R=27.13\%$ $G=70.68\%$ $B=2.19\%$

Color rendering index (Ra): $Ra=92.3$

$R1=92.0$ $R2=95.0$ $R3=97.1$ $R4=92.6$ $R5=91.2$ $R6=94.4$ $R7=93.6$ $R8=82.1$
 $R9=58.2$ $R10=87.4$ $R11=92.9$ $R12=80.8$ $R13=92.9$ $R14=97.5$ $R15=87.4$

Optical Parameter

Luminous flux: 706.851 lm Luminous efficiency: 63.11 lm/w Radiant flux: 2.4533 W

Electrical Parameter

Voltage: 230.2 V Current: 0.084 A Watts: 11.20 W Power factor: 0.573

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