



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1227-12W-B-270
Manufacturer : bled

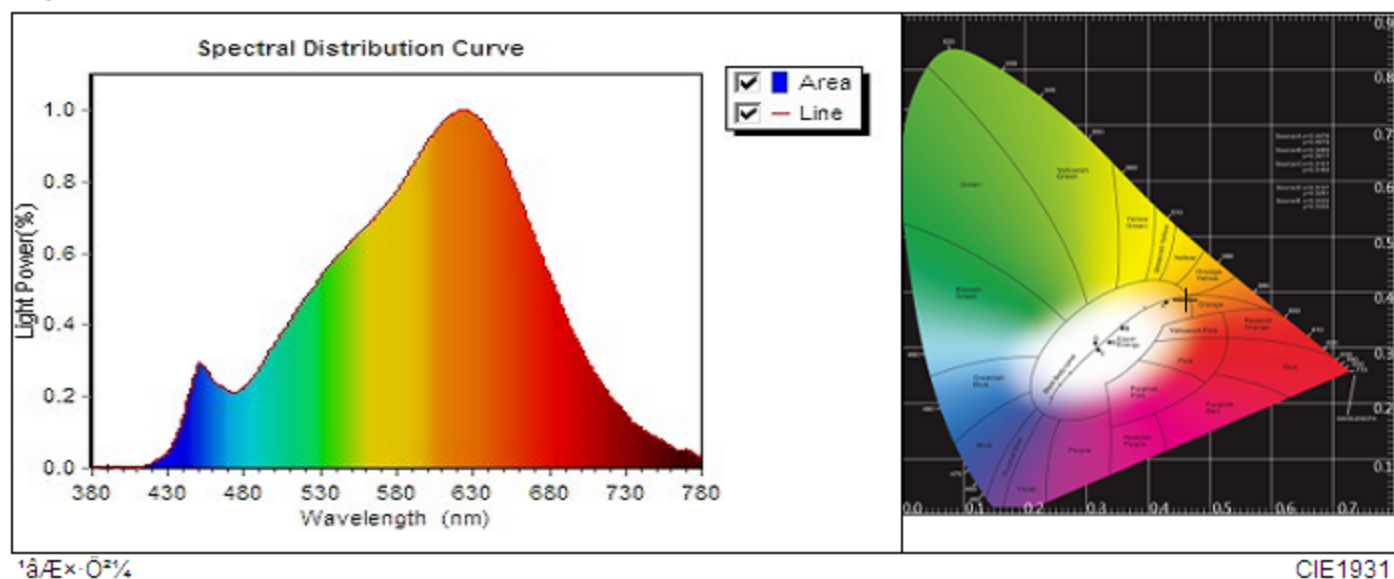
Test date. : 2024-03-11
Test equipment : SPEC2000A Spectrometer
Operator : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 56596 (86.4%)
Integral time. : 476ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4548$ $y=0.4218$ $u=0.2543$ $v=0.3539$ ($duv=0.0046$)
Color temperature: $TC=2860$ K Color difference: $SDCM=6.0$ Main Wavelength: $\lambda_d=568.06$ nm Purity: $Purity=0.104$
Peak wavelength: $\lambda_p=623.7$ nm FWHM: $\Delta\lambda_p=159.1$ nm Color ratio: $R=26.46\%$ $G=71.26\%$ $B=2.27\%$

Color rendering index (Ra): $Ra=92.1$

$R1=91.7$ $R2=94.7$ $R3=96.9$ $R4=92.3$ $R5=90.8$ $R6=93.8$ $R7=93.9$ $R8=82.3$
 $R9=58.0$ $R10=86.7$ $R11=92.5$ $R12=79.3$ $R13=92.6$ $R14=97.4$ $R15=87.2$

Optical Parameter

Luminous flux: 755.376 lm luminous efficiency: 64.01 lm/w Radiant flux: 2.6033 W

Electrical Parameter

Voltage: 240.8 V Current: 0.055 A Watts: 11.80 W Power factor: 0.891

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