



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1559-5-AMB
Manufacturer : bled

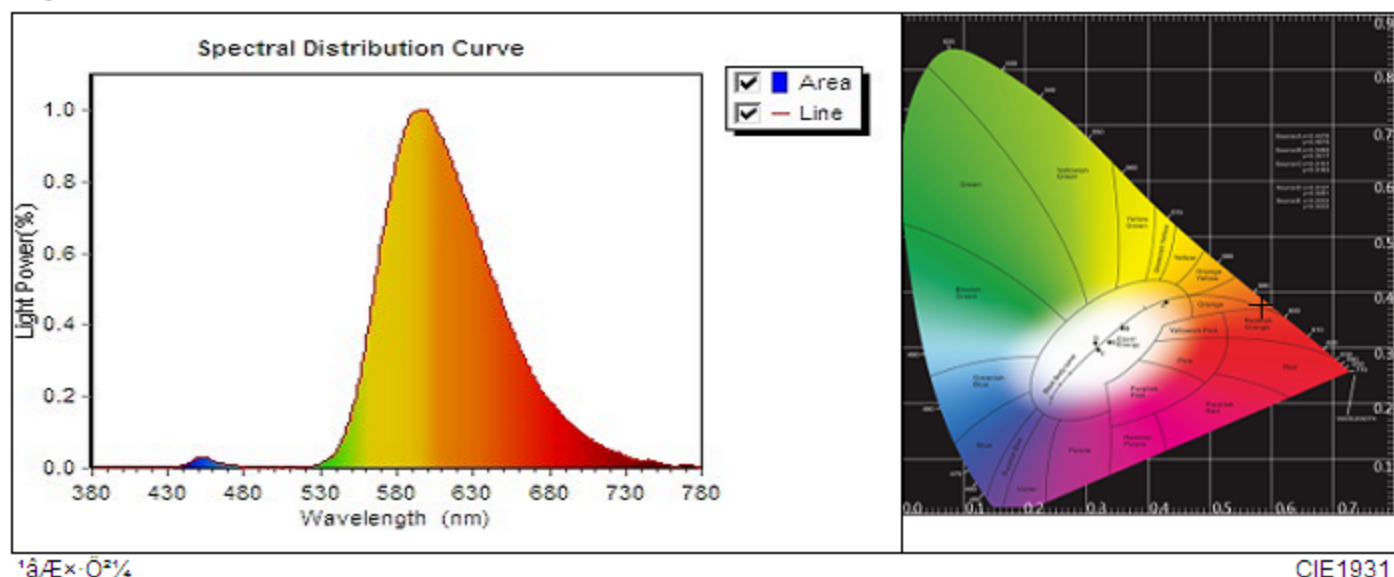
Test date. : 2024-03-14
Test equipment: SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 34212 (52.2%)
Integral time. : 46ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.5757$ $y=0.4121$ $u=0.3389$ $v=0.3640$ ($duv=0.0034$)
Color temperature: $TC=1652$ K Color difference: $SDCM=77.0$ Main Wavelength: $\lambda_d=612.05$ nm Purity: $Purity=0.531$
Peak wavelength: $\lambda_p=596.4$ nm FWHM: $\lambda_p=80.8$ nm Color ratio: $R=36.02\%$ $G=63.88\%$ $B=0.10\%$

Color rendering index (Ra): $Ra=32.3$

$R1=23.3$ $R2=65.1$ $R3=72.6$ $R4=0.0$ $R5=13.6$ $R6=48.1$ $R7=50.5$ $R8=-15.1$
 $R9=-117.5$ $R10=37.6$ $R11=-32.7$ $R12=3.8$ $R13=26.7$ $R14=83.2$ $R15=19.9$

Optical Parameter

Luminous flux: 52.775 lm Luminous efficiency: 62.83 lm/w Radiant flux: 0.1536 W

Electrical Parameter

Voltage: 24.0 V Current: 0.035 A Watto: 0.84 W Power factor: 1.000

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