



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : G400-250W (100)
Manufacturer : BLED

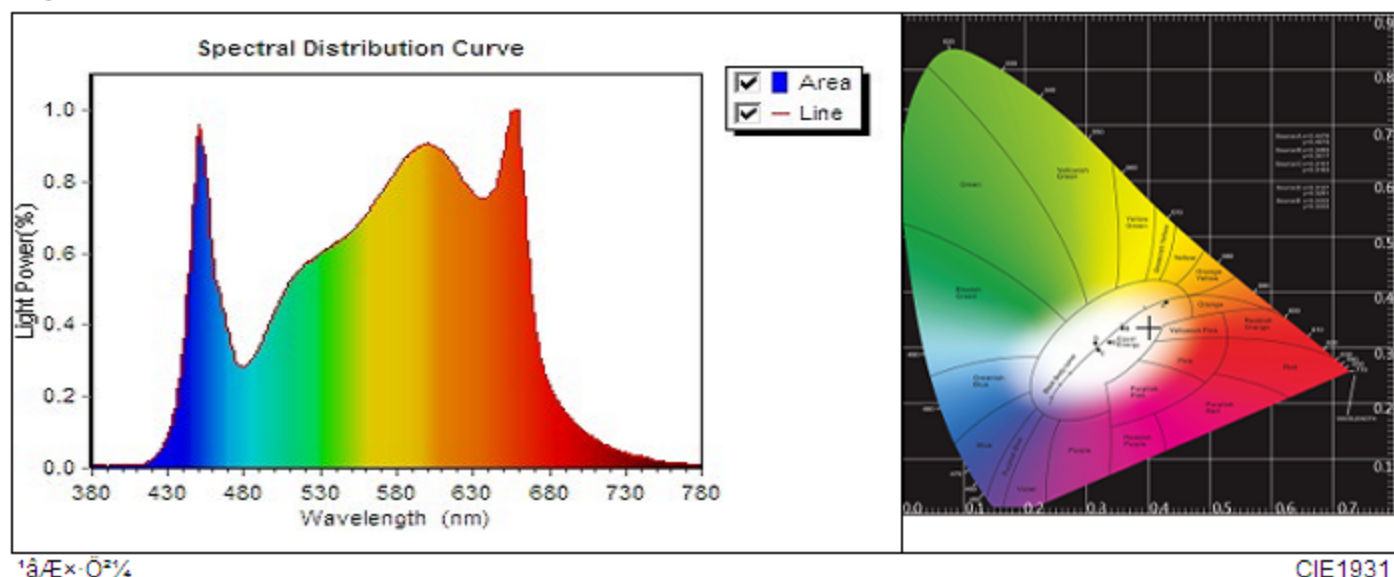
Test date. : 2024-04-25
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51997 (79.3%)
Integral time. : 11ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3964$ $y=0.3761$ $u=0.2360$ $v=0.3358$ ($duv=-0.0045$)
Color temperature: $TC=3582$ K Color difference: $SDCM=7.1$ Main Wavelength: $\lambda_d=482.03$ nm Purity: $Purity=0.135$
Peak wavelength: $\lambda_p=657.6$ nm FWHM: $\Delta\lambda_p=158.4$ nm Color ratio: $R=22.60\%$ $G=74.04\%$ $B=3.37\%$

Color rendering index (Ra): $Ra=91.7$

$R1=91.7$ $R2=96.0$ $R3=97.1$ $R4=90.9$ $R5=92.0$ $R6=93.0$ $R7=90.9$ $R8=81.5$
 $R9=58.0$ $R10=90.4$ $R11=91.6$ $R12=76.1$ $R13=93.5$ $R14=98.7$ $R15=89.3$

Optical Parameter

Luminous flux: 31116.06 lm luminous efficiency: 128.58 lm/w Radiant flux: 102.278 W

Electrical Parameter

Voltage: 232.6 V Current: 1.054 A Watts: 242.00 W Power factor: 0.987

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