



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : G400-250W (50)
Manufacturer : BLED

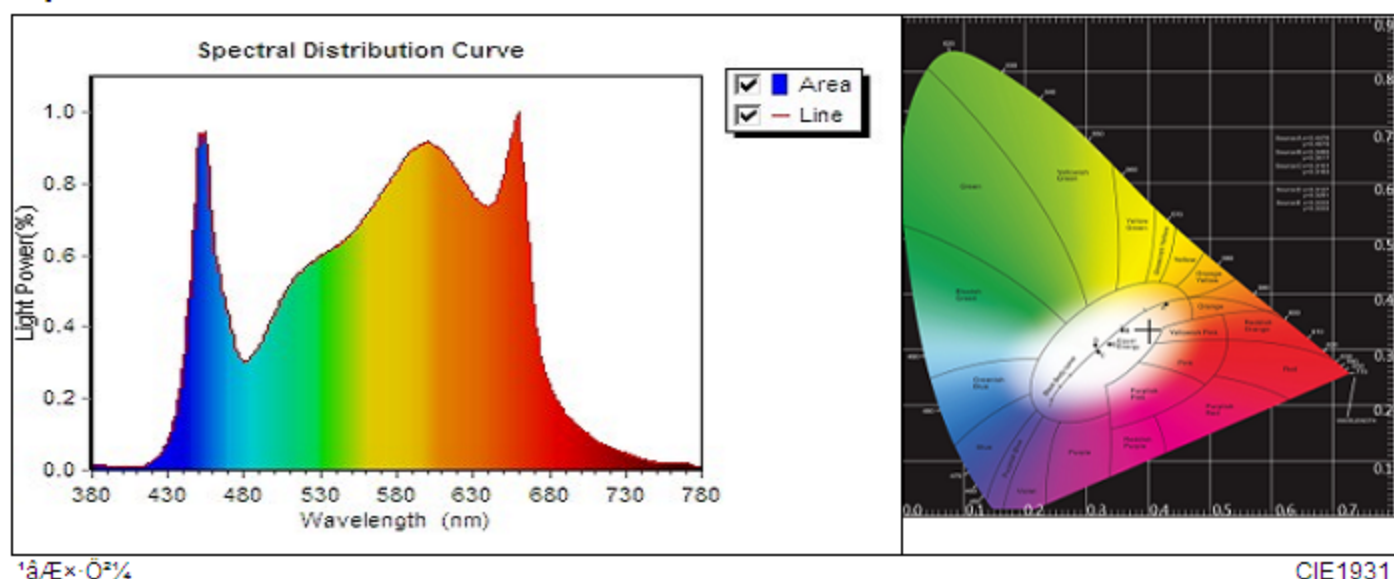
Test date. : 2024-04-25
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50785 (77.5%)
Integral time. : 22ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3944$ $y=0.3741$ $u=0.2355$ $v=0.3350$ ($duv=-0.0050$)
Color temperature: $TC=3614$ K Color difference: $SDCM=8.0$ Main Wavelength: $\lambda_d=482.06$ nm Purity: $Purity=0.142$
Peak wavelength: $\lambda_p=658.6$ nm FWHM: $\Delta\lambda_p=160.8$ nm Color ratio: $R=22.54\%$ $G=73.93\%$ $B=3.53\%$

Color rendering index (Ra): $Ra=91.5$

$R1=91.8$ $R2=96.8$ $R3=96.9$ $R4=90.2$ $R5=92.0$ $R6=93.4$ $R7=90.0$ $R8=80.3$
 $R9=56.2$ $R10=92.1$ $R11=91.0$ $R12=75.1$ $R13=93.9$ $R14=99.2$ $R15=89.2$

Optical Parameter

Luminous flux: 15081.48 lm luminous efficiency: 134.42 lm/w Radiant flux: 49.7993 W

Electrical Parameter

Voltage: 231.4 V Current: 0.504 A Watts: 112.20 W Power factor: 0.962

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