



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : G400-250W (25)
Manufacturer : BLED

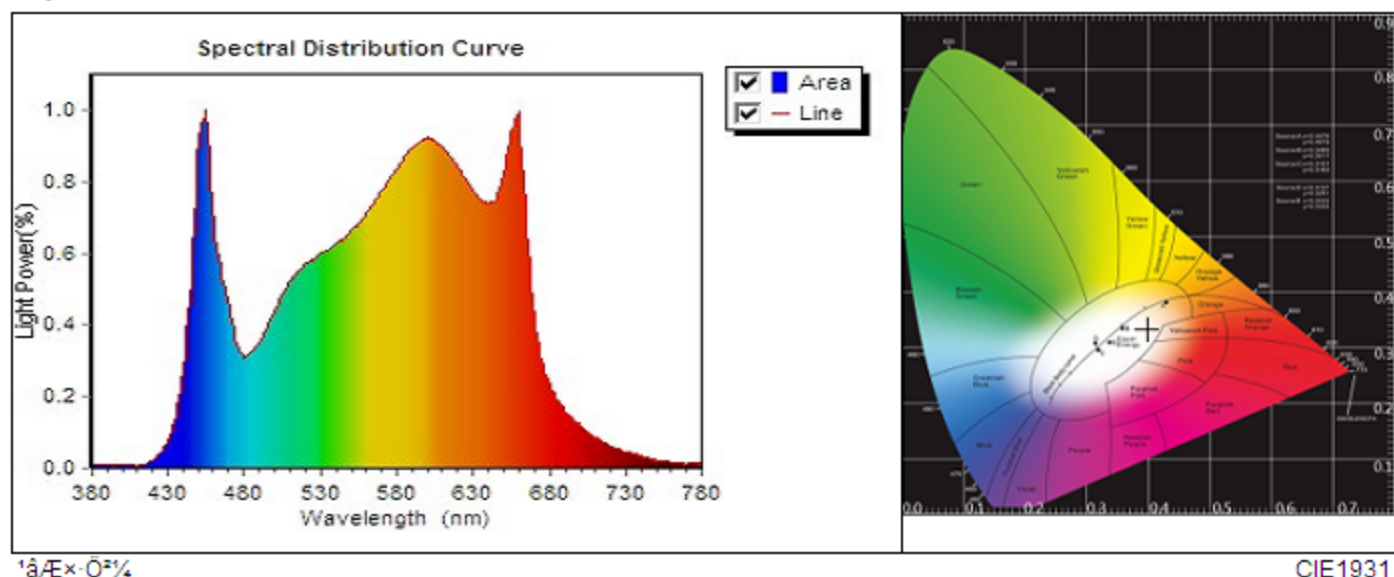
Test date. : 2024-04-25
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49909 (76.2%)
Integral time. : 47ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3939$ $y=0.3733$ $u=0.2355$ $v=0.3347$ ($duv=-0.0052$)
Color temperature: $TC=3620$ K Color difference: $SDCM=8.3$ Main Wavelength: $\lambda_d=482.03$ nm Purity: $Purity=0.144$
Peak wavelength: $\lambda_p=453.4$ nm FWHM: $\Delta\lambda_p=21.2$ nm Color ratio: $R=22.61\%$ $G=73.80\%$ $B=3.60\%$

Color rendering index (Ra): $Ra=91.6$

$R1=92.2$ $R2=97.2$ $R3=96.8$ $R4=90.3$ $R5=92.3$ $R6=93.7$ $R7=89.7$ $R8=80.4$
 $R9=56.8$ $R10=93.1$ $R11=91.1$ $R12=74.7$ $R13=94.4$ $R14=99.2$ $R15=89.6$

Optical Parameter

Luminous flux: 6828.867 lm luminous efficiency: 132.09 lm/w Radiant flux: 22.5119 W

Electrical Parameter

Voltage: 230.5 V Current: 0.261 A Watts: 51.70 W Power factor: 0.858

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