



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRAL SOL SOLAR
Product No. : SL29-40W
Manufacturer : BLED

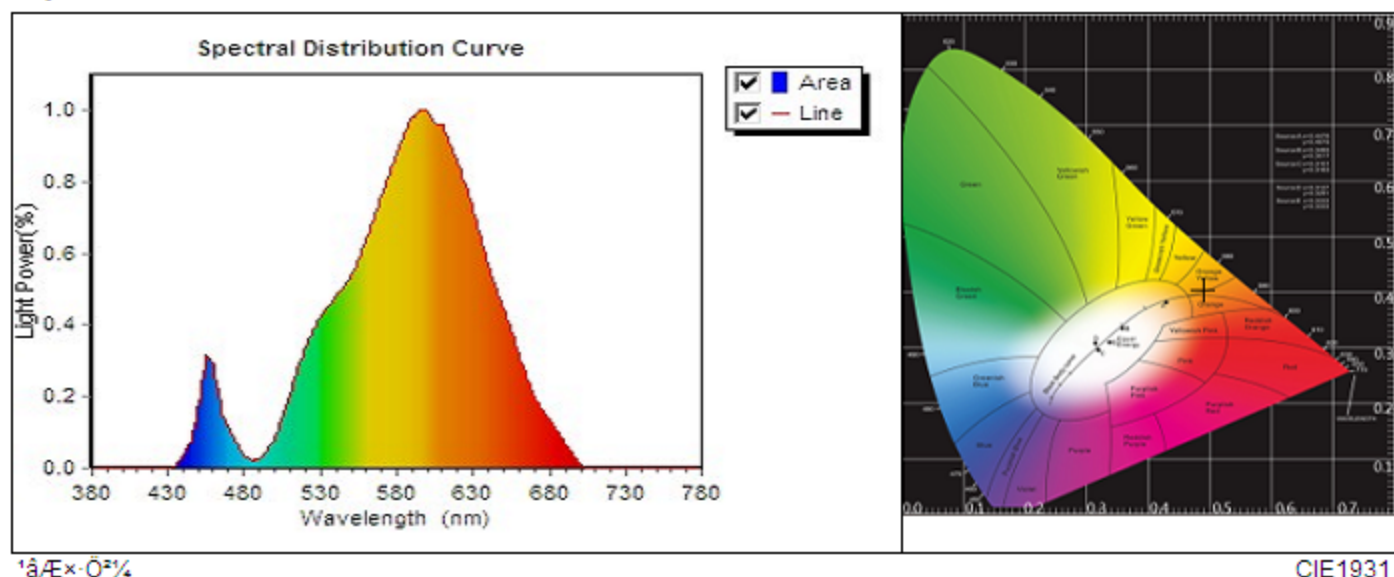
Test date. : 2024-05-15
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 43493 (66.4%)
Integral time. : 1041ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4823$ $y=0.4385$ $u=0.2644$ $v=0.3605$ ($duv=0.0082$)
Color temperature: $TC=2615$ K Color difference: $SDCM=11.1$ Main Wavelength: $\lambda_d=579.1$ nm Purity: $Purity=0.455$
Peak wavelength: $\lambda_p=596.9$ nm FWHM: $\Delta\lambda_p=100.7$ nm Color ratio: $R=25.35\%$ $G=73.88\%$ $B=0.77\%$

Color rendering index (Ra): $Ra=68.1$

$R1=63.4$ $R2=78.9$ $R3=94.9$ $R4=63.0$ $R5=60.6$ $R6=70.5$ $R7=77.2$ $R8=35.5$
 $R9=-48.8$ $R10=52.0$ $R11=56.2$ $R12=30.7$ $R13=67.0$ $R14=96.8$ $R15=53.4$

Optical Parameter

Luminous flux: 171.354 lm luminous efficiency: lm/w Radiant flux: 0.4397 W

Electrical Parameter

Voltage: 230.8 V Current: 0.000 A Watts: 0.00 W Power factor: 0.000

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