



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : WALL WASHER FLEX
Product No. : B1939-RGB_RGB
Manufacturer : BLED

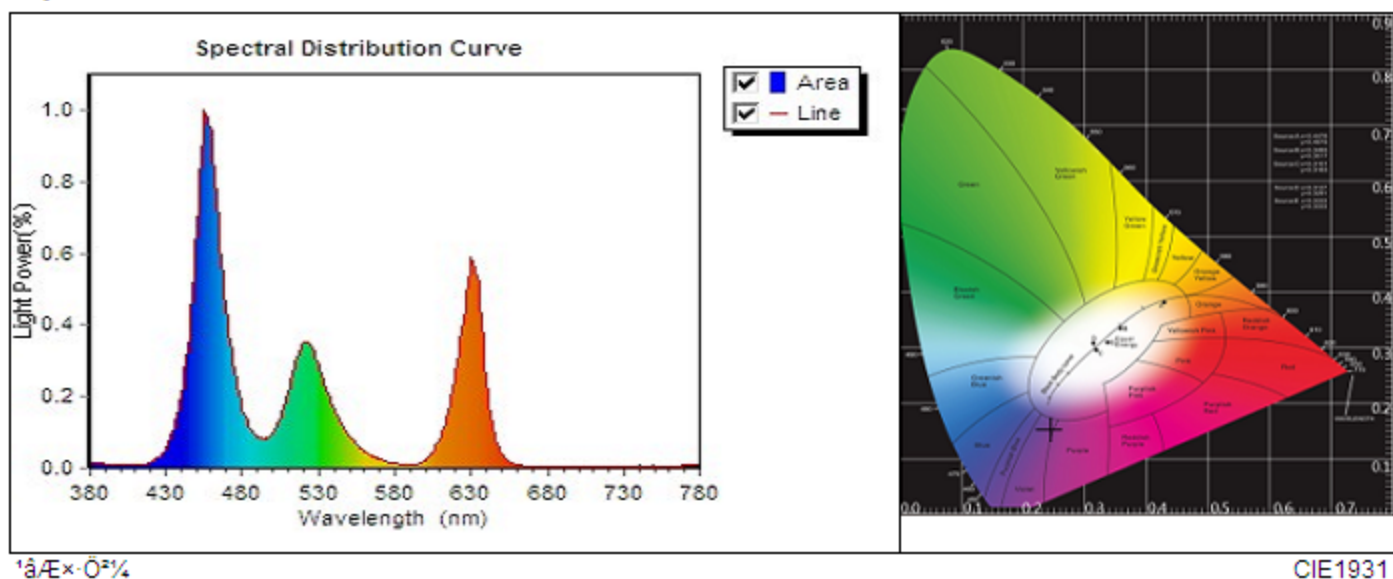
Test date. : 2023-04-27
Test equipment: SPEC2000A Spectrometer
Operator. : 165mm - 7 optics

Test Condition

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

Humidity : 65%
Peak AD. : 47930 (73.1%)
Integral time. : 8ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2402$ $y=0.2060$ $u=0.1925$ $v=0.2476$ ($duv=-0.0266$)
Color temperature: $TC=100000$ K Color difference: $SDCM=59.2$ Main Wavelength: $\lambda_d=477.05$ nm Purity: $Purity=0.629$
Peak wavelength: $\lambda_p=456.8$ nm FWHM: $\Delta\lambda_p=20.6$ nm Color ratio: $R=23.71\%$ $G=64.84\%$ $B=11.45\%$

Color rendering index (Ra): $Ra=43.2$

$R1=18.0$ $R2=56.6$ $R3=76.7$ $R4=38.7$ $R5=43.7$ $R6=60.3$ $R7=63.6$ $R8=-12.3$
 $R9=-269.8$ $R10=7.8$ $R11=20.7$ $R12=58.4$ $R13=24.5$ $R14=79.2$ $R15=-8.7$

Optical Parameter

Luminous flux: 181.691 lm luminous efficiency: 51.87 lm/w Radiant flux: 0.9271 W

Electrical Parameter

Voltage: 23.99 V Current: 0.146 A Watts: 3.503 W Power factor: 1.000

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