



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : APLIQUE LUZ INDIRECTA
Product No. : L5033-N
Manufacturer : BLED

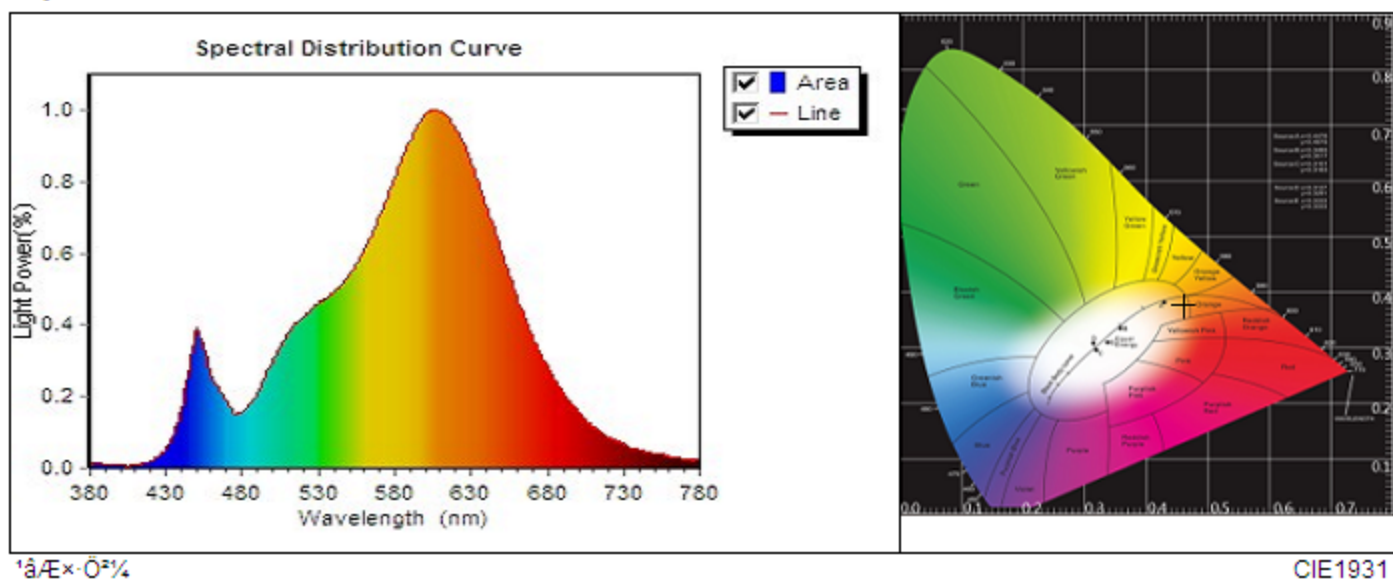
Test date. : 2024-08-14
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 59305 (90.5%)
Integral time. : 300ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4554$ $y=0.4119$ $u=0.2590$ $v=0.3514$ ($duv=0.0009$)
Color temperature: $TC=2774$ K Color difference: $SDCM=4.5$ Main Wavelength: $\lambda_d=585.04$ nm Purity: $Purity=0.081$
Peak wavelength: $\lambda_p=606.3$ nm FWHM: $\Delta\lambda_p=116.1$ nm Color ratio: $R=26.63\%$ $G=71.34\%$ $B=2.03\%$

Color rendering index (Ra): $Ra=84$

$R1=82.8$ $R2=92.4$ $R3=95.9$ $R4=83.1$ $R5=83.4$ $R6=92.3$ $R7=82.6$ $R8=59.2$
 $R9=10.3$ $R10=83.4$ $R11=84.2$ $R12=77.5$ $R13=86.0$ $R14=98.4$ $R15=74.2$

Optical Parameter

Luminous flux: 1108.756 lm luminous efficiency: 86.62 lm/w Radiant flux: 3.4198 W

Electrical Parameter

Voltage: 230.4 V Current: 0.092 A Watts: 12.80 W Power factor: 0.602

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