



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : SUFACE LUMINARY LED
Product No. : B1325-B-BN
Manufacturer : BLED

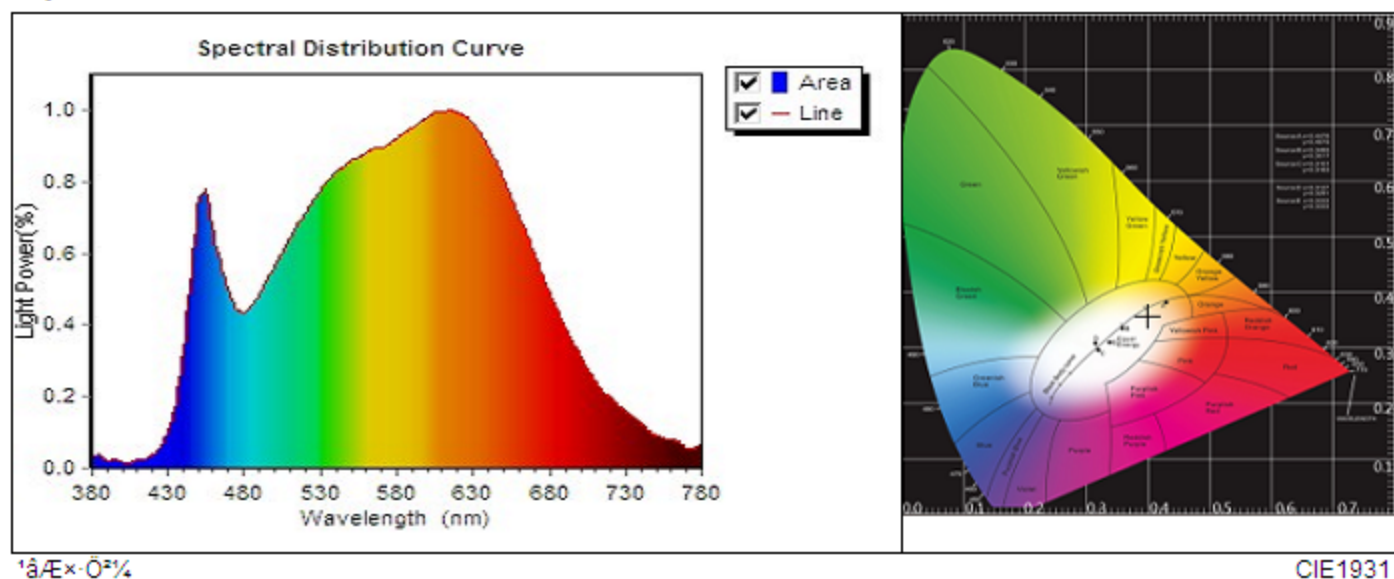
Test date. : 2023-07-06
Test equipment: SPEC2000A Spectrometer
Operator. : BL20230302HT

Test Condition

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

Humidity : 65%
Peak AD. : 55543 (84.8%)
Integral time. : 248ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3941$ $y=0.3946$ $u=0.2269$ $v=0.3408$ ($duv=0.0044$)
Color temperature: $TC=3786$ K Color difference: $SDCM=6.8$ Main Wavelength: $\lambda_d=487.02$ nm Purity: $Purity=0.129$
Peak wavelength: $\lambda_p=614.4$ nm FWHM: $\Delta\lambda_p=187.1$ nm Color ratio: $R=21.42\%$ $G=74.98\%$ $B=3.61\%$

Color rendering index (Ra): $Ra=91.7$

$R1=91.2$ $R2=94.7$ $R3=97.1$ $R4=90.6$ $R5=90.0$ $R6=92.3$ $R7=94.0$ $R8=83.6$
 $R9=58.5$ $R10=86.5$ $R11=90.2$ $R12=71.6$ $R13=92.5$ $R14=98.0$ $R15=87.6$

Optical Parameter

Luminous flux: 1563.669 lm luminous efficiency: 74.11 lm/w Radiant flux: 5.2791 W

Electrical Parameter

Voltage: 230.3 V Current: 0.096 A Watts: 21.10 W Power factor: 0.950

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