



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1073-BN
Manufacturer : BLED

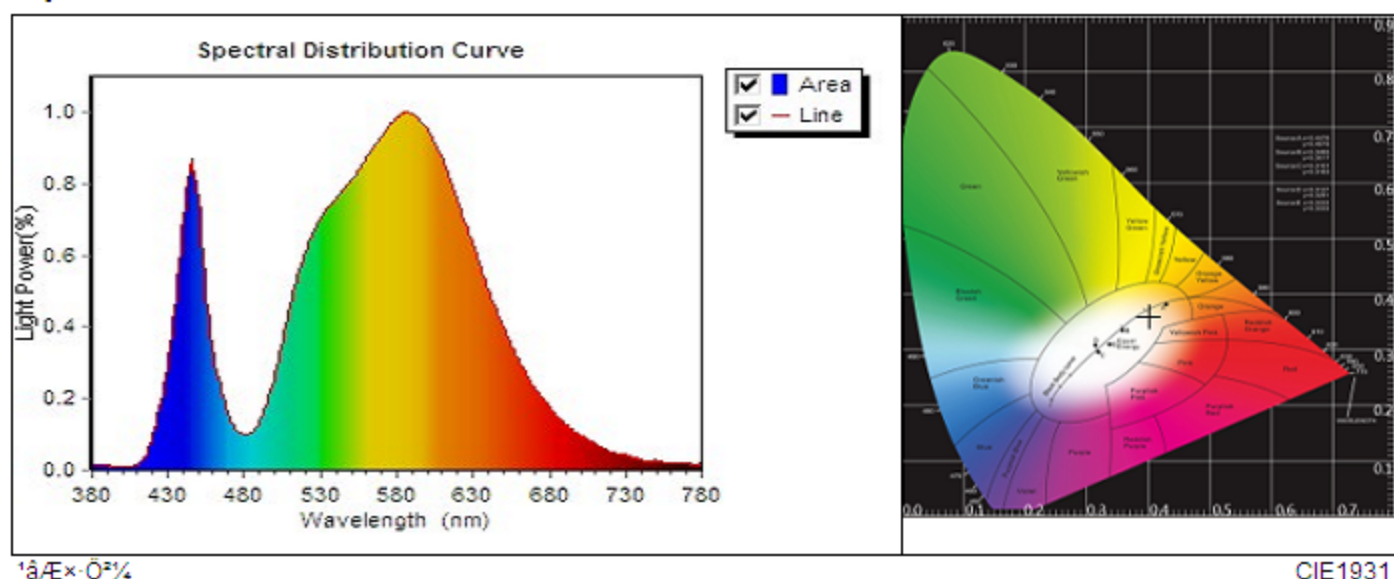
Test date. : 2023-02-15
Test equipment: SPEC2000A Spectrometer
Operator. : BL20220412XMT

Test Condition

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

Humidity : 65%
Peak AD. : 51492 (78.6%)
Integral time. : 197ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3950$ $y=0.3975$ $u=0.2263$ $v=0.3417$ ($duv=0.0054$)
Color temperature: $TC=3787$ K Color difference: $SDCM=7.4$ Main Wavelength: $\lambda_d=488$ nm Purity: $Purity=0.127$
Peak wavelength: $\lambda_p=586.5$ nm FWHM: $\Delta\lambda_p=128.6$ nm Color ratio: $R=18.60\%$ $G=79.67\%$ $B=1.72\%$

Color rendering index (Ra): $Ra=70.8$

$R1=67.3$ $R2=76.7$ $R3=85.9$ $R4=71.2$ $R5=67.1$ $R6=67.8$ $R7=80.2$ $R8=49.4$
 $R9=-37.6$ $R10=46.1$ $R11=67.7$ $R12=41.6$ $R13=69.4$ $R14=91.9$ $R15=59.3$

Optical Parameter

Luminous flux: 1492.345 lm luminous efficiency: 70.06 lm/w Radiant flux: 4.1754 W

Electrical Parameter

Voltage: 240.1 V Current: 0.162 A Watts: 21.30 W Power factor: 0.546

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