



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : SURFACE PANEL
Product No. : B1761-24W-B_NW
Manufacturer : BLED

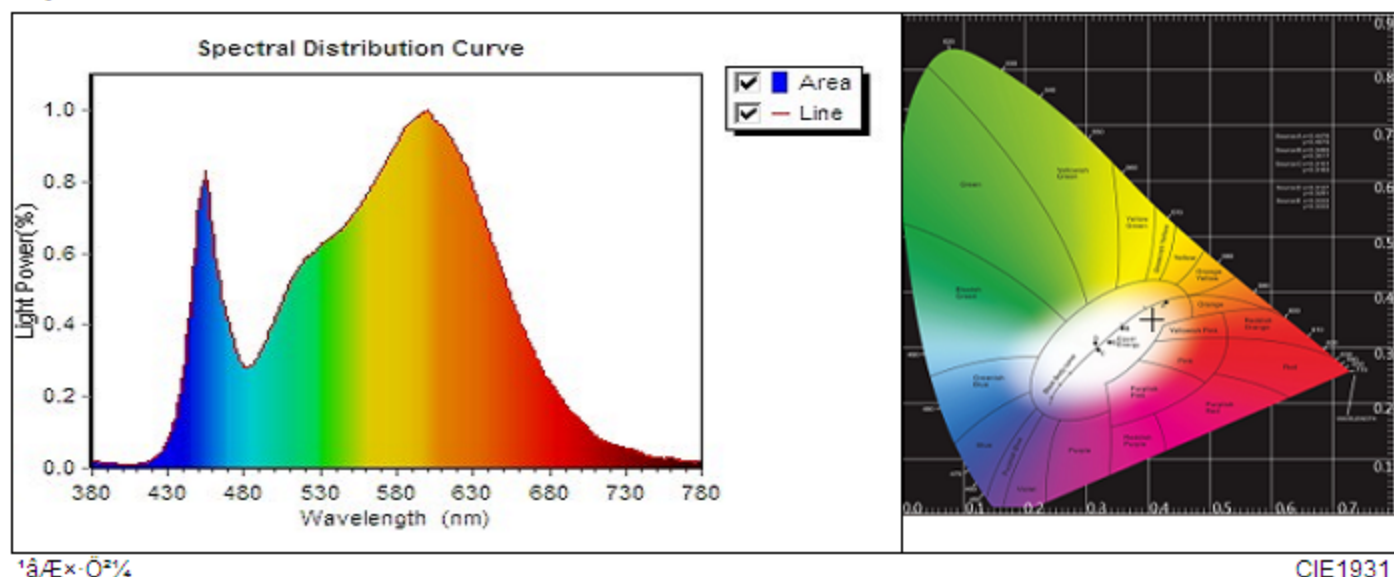
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : ABD-2203-1H

Test Condition

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

Humidity : 65%
Peak AD. : 45099 (68.8%)
Integral time. : 120ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4020$ $y=0.3896$ $u=0.2340$ $v=0.3402$ ($duv=0.0002$)
Color temperature: $TC=3565$ K Color difference: $SDCM=3.4$ Main Wavelength: $\lambda_d=485.03$ nm Purity: $Purity=0.114$
Peak wavelength: $\lambda_p=599.3$ nm FWHM: $\Delta\lambda_p=144.8$ nm Color ratio: $R=21.80\%$ $G=75.09\%$ $B=3.11\%$

Color rendering index (Ra): $Ra=84.6$

$R1=83.4$ $R2=92.2$ $R3=96.5$ $R4=82.6$ $R5=83.4$ $R6=89.5$ $R7=84.8$ $R8=63.8$
 $R9=13.1$ $R10=81.5$ $R11=82.4$ $R12=67.0$ $R13=86.5$ $R14=98.7$ $R15=76.6$

Optical Parameter

Luminous flux: 2305.995 lm luminous efficiency: 95.68 lm/w Radiant flux: 7.0195 W

Electrical Parameter

Voltage: 230.0 V Current: 0.127 A Watts: 24.10 W Power factor: 0.820

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