



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : SURFACE PANEL
Product No. : B1762-24W-B_NW
Manufacturer : BLED

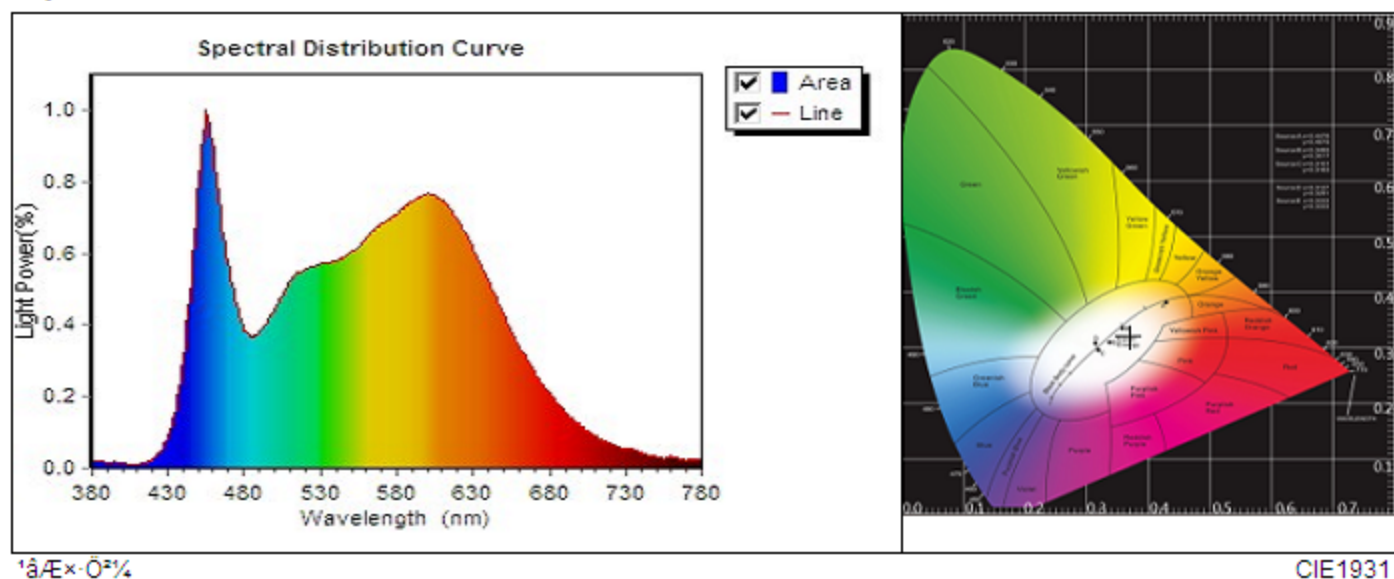
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : ABD-2203-1H

Test Condition

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

Humidity : 65%
Peak AD. : 43457 (66.3%)
Integral time. : 141ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3636$ $y=0.3601$ $u=0.2206$ $v=0.3277$ ($duv=-0.0027$)
Color temperature: $TC=4388$ K Color difference: $SDCM=8.3$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.22$
Peak wavelength: $\lambda_p=455.7$ nm FWHM: $\Delta\lambda_p=28.6$ nm Color ratio: $R=20.04\%$ $G=75.36\%$ $B=4.59\%$

Color rendering index (Ra): $Ra=89.6$

$R1=90.9$ $R2=97.7$ $R3=95.3$ $R4=87.3$ $R5=89.9$ $R6=93.1$ $R7=87.2$ $R8=74.7$
 $R9=39.9$ $R10=93.3$ $R11=88.6$ $R12=69.0$ $R13=94.1$ $R14=98.4$ $R15=86.4$

Optical Parameter

Luminous flux: 1777.818 lm luminous efficiency: 73.77 lm/w Radiant flux: 5.7914 W

Electrical Parameter

Voltage: 229.9 V Current: 0.130 A Watts: 24.10 W Power factor: 0.804

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