



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : SURFACE PANEL
Product No. : B1762-18W-B_NW
Manufacturer : BLED

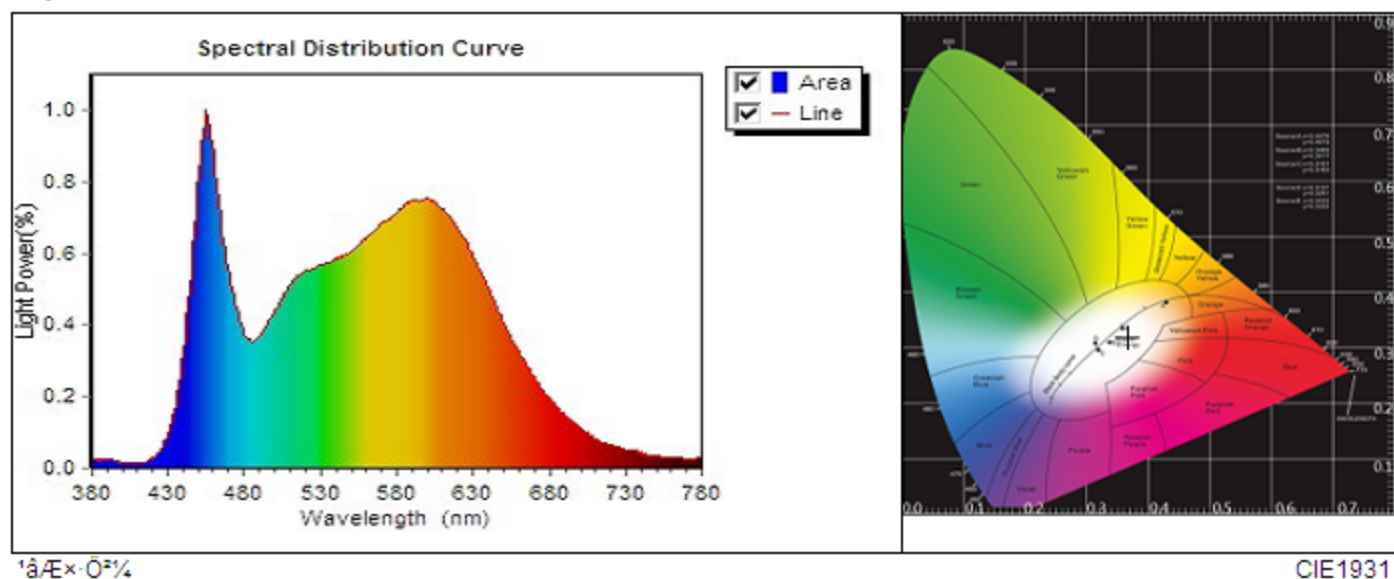
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : ABD-2203-1H

Test Condition

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

Humidity : 65%
Peak AD. : 31076 (47.4%)
Integral time. : 120ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3614$ $y=0.3596$ $u=0.2193$ $v=0.3273$ ($duv=-0.0022$)
Color temperature: $TC=4455$ K Color difference: $SDCM=9.0$ Main Wavelength: $\lambda_d=483.04$ nm Purity: $Purity=0.225$
Peak wavelength: $\lambda_p=455.4$ nm FWHM: $\Delta\lambda_p=28.1$ nm Color ratio: $R=19.59\%$ $G=75.87\%$ $B=4.55\%$

Color rendering index (Ra): $Ra=88.5$

$R1=89.2$ $R2=96.5$ $R3=95.7$ $R4=86.0$ $R5=88.4$ $R6=92.1$ $R7=87.0$ $R8=73.0$
 $R9=34.2$ $R10=90.3$ $R11=86.8$ $R12=67.4$ $R13=92.4$ $R14=98.6$ $R15=84.5$

Optical Parameter

Luminous flux: 1469.549 lm luminous efficiency: 81.64 lm/w Radiant flux: 4.7588 W

Electrical Parameter

Voltage: 230.1 V Current: 0.094 A Watts: 18.00 W Power factor: 0.825

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