



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : SURFACE PANEL
Product No. : B1761-18W-B_CW
Manufacturer : BLED

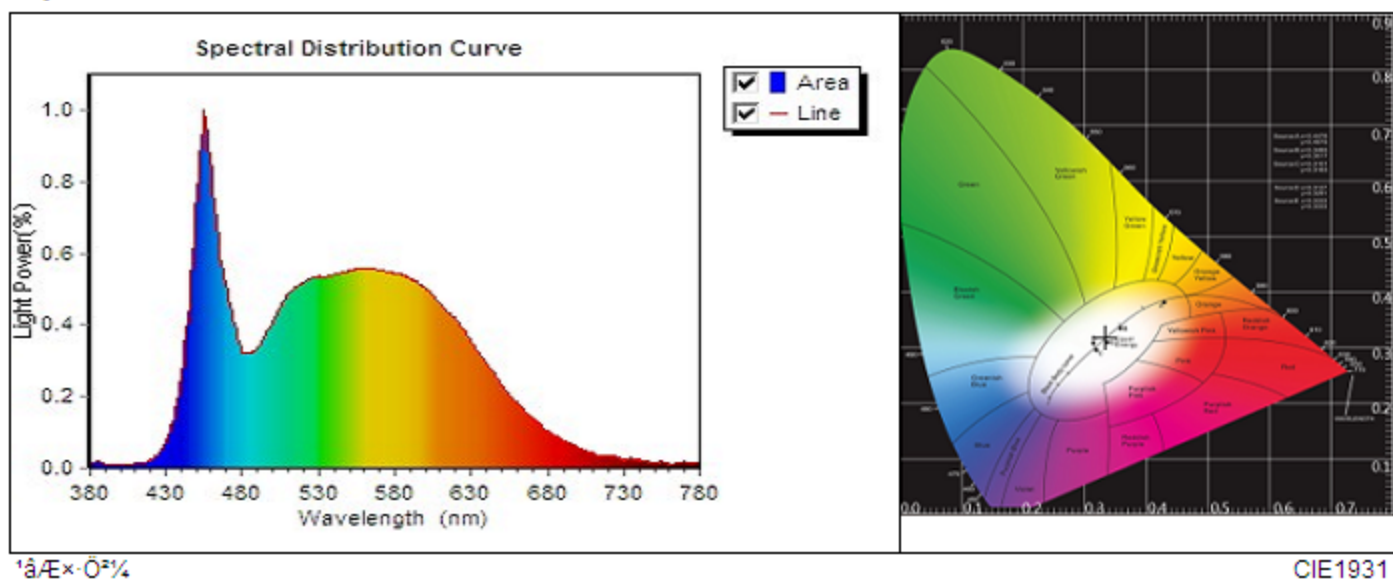
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : ABD-2203-1H

Test Condition

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

Humidity : 65%
Peak AD. : 30389 (46.4%)
Integral time. : 87ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3279$ $y=0.3591$ $u=0.1971$ $v=0.3238$ ($duv=0.0110$)
Color temperature: $TC=5688$ K Color difference: $SDCM=10.7$ Main Wavelength: $\lambda_d=485.01$ nm Purity: $Purity=0.299$
Peak wavelength: $\lambda_p=455.3$ nm FWHM: $\Delta\lambda_p=24.3$ nm Color ratio: $R=15.08\%$ $G=79.81\%$ $B=5.11\%$

Color rendering index (Ra): $Ra=82.8$

$R1=79.9$ $R2=89.8$ $R3=95.2$ $R4=79.0$ $R5=80.2$ $R6=85.9$ $R7=86.9$ $R8=65.4$
 $R9=1.7$ $R10=76.5$ $R11=78.3$ $R12=58.7$ $R13=83.9$ $R14=97.4$ $R15=73.1$

Optical Parameter

Luminous flux: 1649.694 lm luminous efficiency: 90.15 lm/w Radiant flux: 5.13 W

Electrical Parameter

Voltage: 230.0 V Current: 0.099 A Watts: 18.30 W Power factor: 0.797

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