



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : SURFACE PANEL
Product No. : B1760-18W-B_NW
Manufacturer : BLED

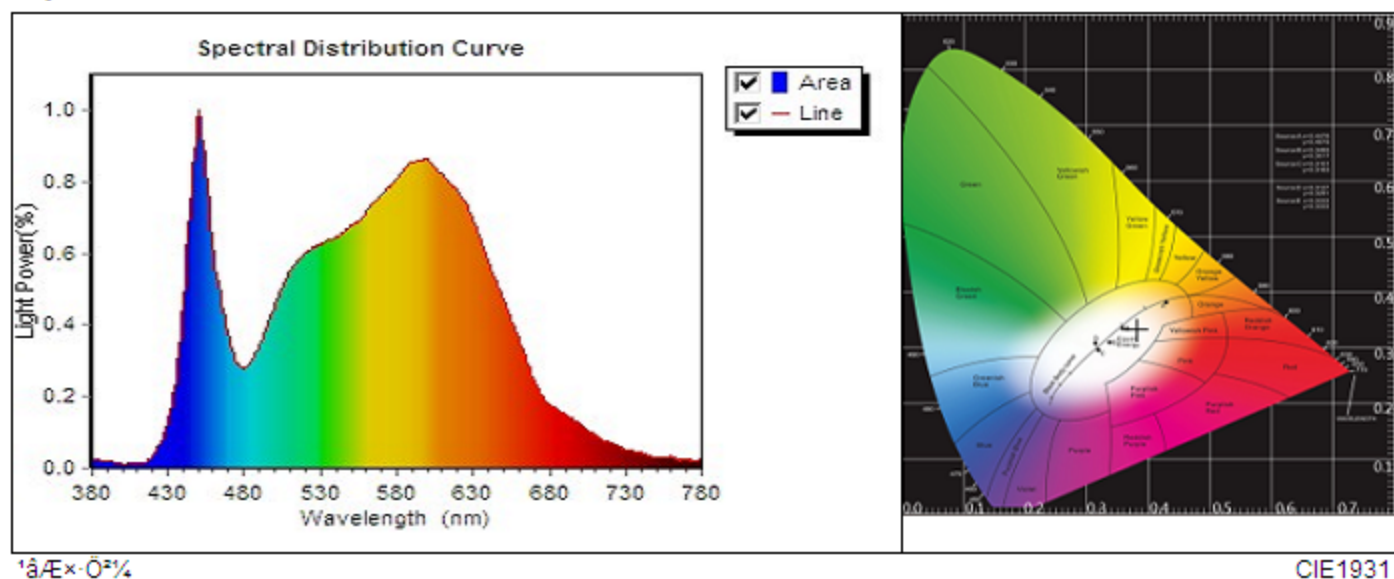
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : ABD-2203-1-H

Test Condition

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

Humidity : 65%
Peak AD. : 33774 (51.5%)
Integral time. : 111ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3768$ $y=0.3723$ $u=0.2245$ $v=0.3327$ ($duv=-0.0010$)
Color temperature: $TC=4068$ K Color difference: $SDCM=3.0$ Main Wavelength: $\lambda_d=484.03$ nm Purity: $Purity=0.182$
Peak wavelength: $\lambda_p=450.3$ nm FWHM: $\Delta\lambda_p=22.4$ nm Color ratio: $R=20.19\%$ $G=76.28\%$ $B=3.53\%$

Color rendering index (Ra): $Ra=86.6$

$R1=85.8$ $R2=92.0$ $R3=96.0$ $R4=86.4$ $R5=86.0$ $R6=88.6$ $R7=87.6$ $R8=70.0$
 $R9=23.1$ $R10=80.8$ $R11=86.8$ $R12=68.1$ $R13=88.0$ $R14=98.1$ $R15=80.2$

Optical Parameter

Luminous flux: 1919.455 lm luminous efficiency: 107.83 lm/w Radiant flux: 5.9843 W

Electrical Parameter

Voltage: 230.2 V Current: 0.082 A Watts: 17.80 W Power factor: 0.939

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