



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_WW
Manufacturer : BLED

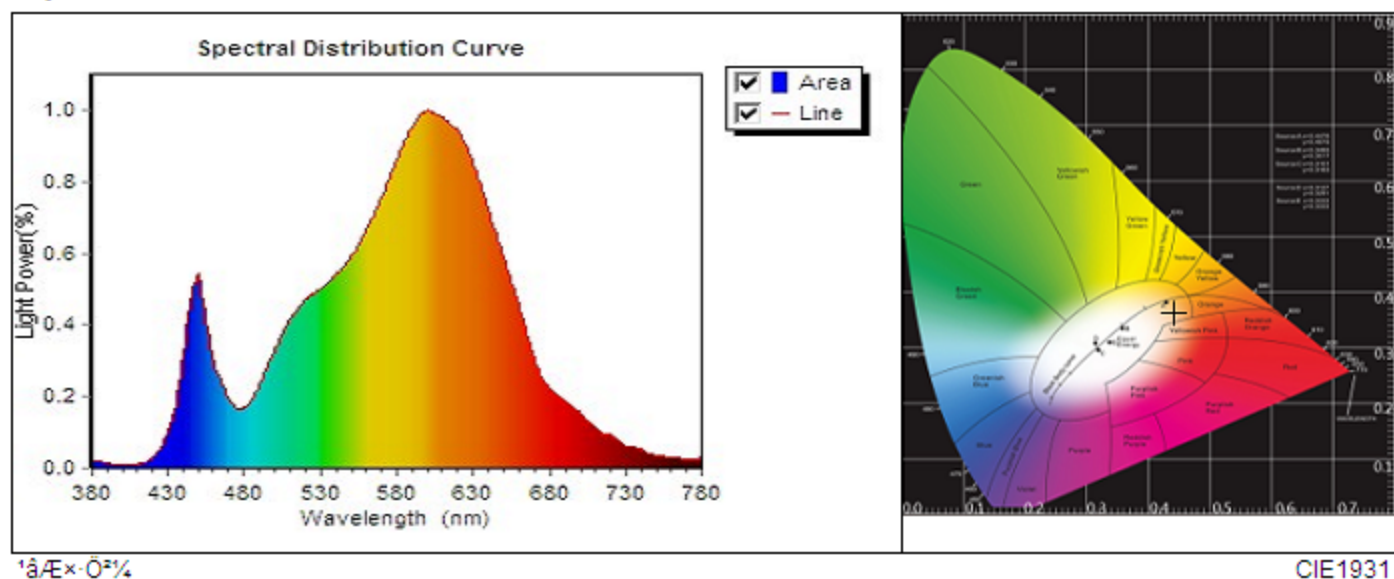
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : ABD-2203-1-H

Test Condition

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

Humidity : 65%
Peak AD. : 34402 (52.5%)
Integral time. : 111ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4364$ $y=0.4006$ $u=0.2517$ $v=0.3466$ ($duv=-0.0013$)
Color temperature: $TC=2980$ K Color difference: $SDCM=1.8$ Main Wavelength: $\lambda_d=482.1$ nm Purity: $Purity=0.03$
Peak wavelength: $\lambda_p=600.3$ nm FWHM: $\Delta\lambda_p=127.4$ nm Color ratio: $R=24.98\%$ $G=72.81\%$ $B=2.22\%$

Color rendering index (Ra): $Ra=83.5$

$R1=82.1$ $R2=91.3$ $R3=96.4$ $R4=82.4$ $R5=82.7$ $R6=90.0$ $R7=82.7$ $R8=59.8$
 $R9=9.3$ $R10=80.7$ $R11=83.1$ $R12=75.7$ $R13=85.0$ $R14=98.7$ $R15=74.4$

Optical Parameter

Luminous flux: 1763.424 lm luminous efficiency: 97.43 lm/w Radiant flux: 5.3927 W

Electrical Parameter

Voltage: 230.3 V Current: 0.083 A Watts: 18.10 W Power factor: 0.939

MEASUREFINE

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