



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

Spectral test report for lamp

Product type : SURFACE PANEL LED
Product No. : B1726-CCT-S_WW_12W
Manufacturer : BLED

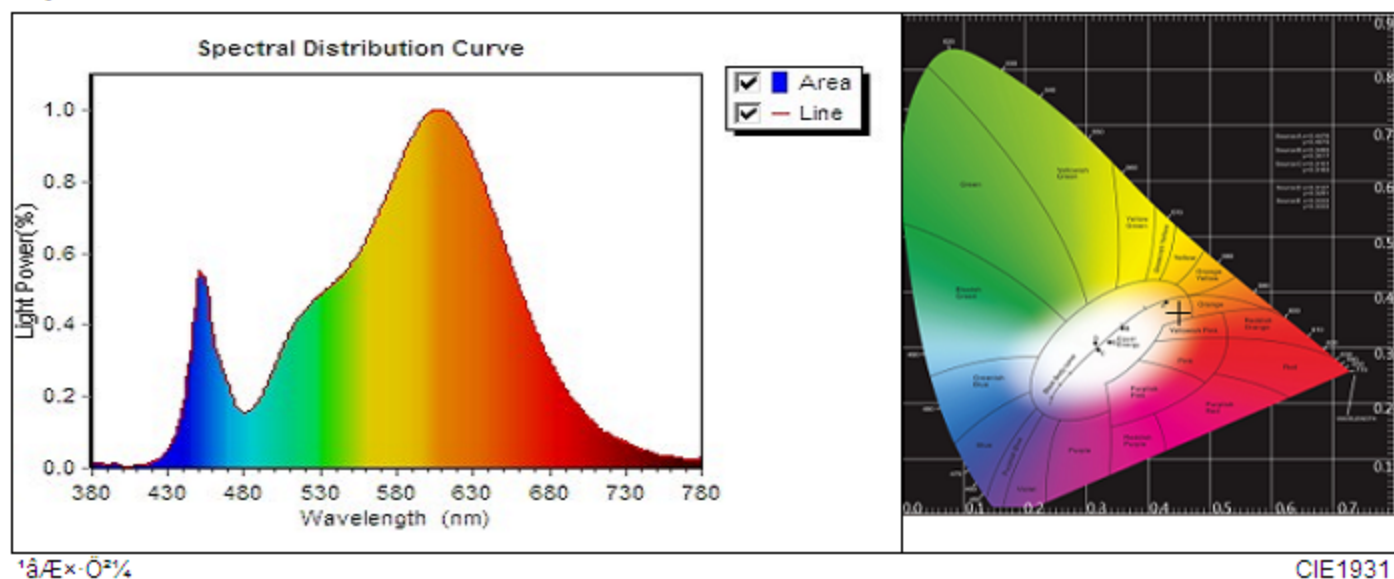
Test date. : 2023-05-22
Test equipment: SPEC2000A Spectrometer
Operator. : LG1726

Test Condition

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

Humidity : 65%
Peak AD. : 49921 (76.2%)
Integral time. : 247ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4438$ $y=0.4006$ $u=0.2566$ $v=0.3473$ ($duv=-0.0023$)
Color temperature: $TC=2859$ K Color difference: $SDCM=3.3$ Main Wavelength: $\lambda_d=451.06$ nm Purity: $Purity=0.016$
Peak wavelength: $\lambda_p=607.3$ nm FWHM: $\Delta\lambda_p=126.8$ nm Color ratio: $R=26.16\%$ $G=71.72\%$ $B=2.13\%$

Color rendering index (Ra): $Ra=84.6$

$R1=83.9$ $R2=92.7$ $R3=96.2$ $R4=83.0$ $R5=84.1$ $R6=91.4$ $R7=83.1$ $R8=62.2$
 $R9=17.1$ $R10=83.2$ $R11=83.4$ $R12=74.2$ $R13=86.9$ $R14=98.8$ $R15=77.0$

Optical Parameter

Luminous flux: 1173.976 lm luminous efficiency: 91.72 lm/w Radiant flux: 3.6848 W

Electrical Parameter

Voltage: 230.3 V Current: 0.089 A Watts: 12.80 W Power factor: 0.625

MEASUREFINE

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