



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_NW_16W
Manufacturer : BLED

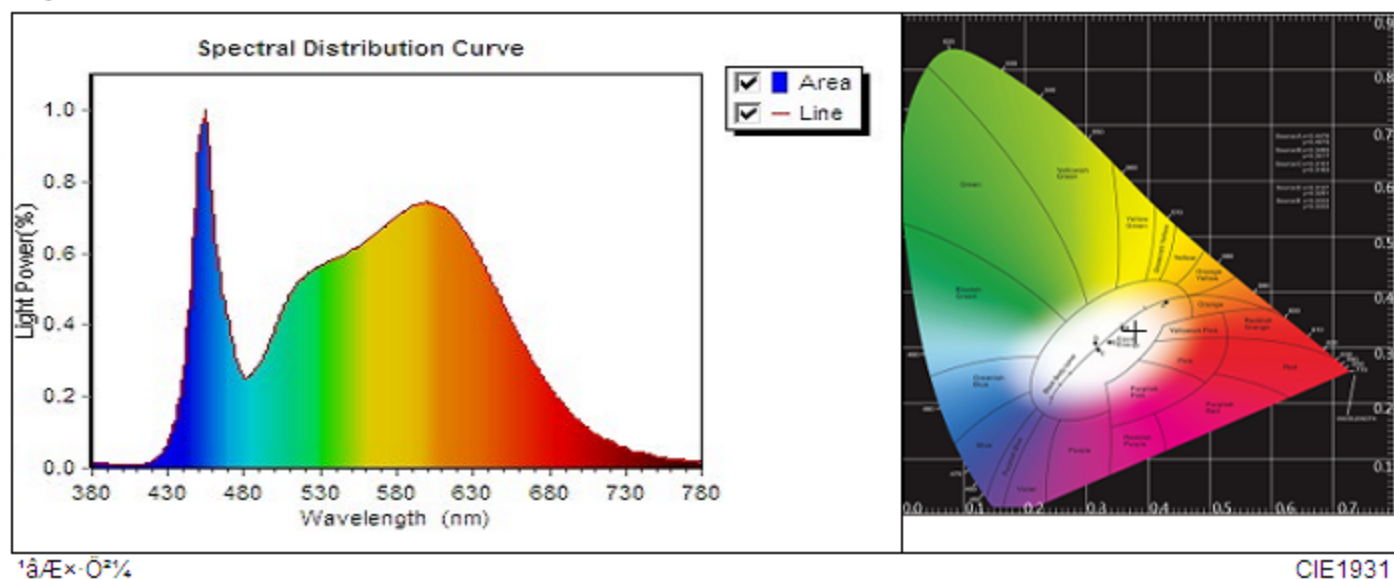
Test date. : 2023-05-22
Test equipment: SPEC2000A Spectrometer
Operator. : LG1726

Test Condition

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

Humidity : 65%
Peak AD. : 53099 (81.0%)
Integral time. : 193ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3740$ $y=0.3697$ $u=0.2237$ $v=0.3317$ ($duv=-0.0014$)
Color temperature: $TC=4130$ K Color difference: $SDCM=3.9$ Main Wavelength: $\lambda_d=484.03$ nm Purity: $Purity=0.19$
Peak wavelength: $\lambda_p=453.5$ nm FWHM: $\Delta\lambda_p=20.3$ nm Color ratio: $R=20.33\%$ $G=75.96\%$ $B=3.71\%$

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

$R1=88.5$ $R2=93.8$ $R3=96.1$ $R4=87.6$ $R5=87.7$ $R6=89.8$ $R7=89.4$ $R8=75.1$
 $R9=37.3$ $R10=84.1$ $R11=87.7$ $R12=64.2$ $R13=90.7$ $R14=98.1$ $R15=84.3$

Optical Parameter

Luminous flux: 1526.437 lm luminous efficiency: 99.12 lm/w Radiant flux: 4.8917 W

Electrical Parameter

Voltage: 230.4 V Current: 0.110 A Watte: 15.40 W Power factor: 0.608

MEASUREFINE

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