



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. : B1721-C-BN
Manufacturer : BLED

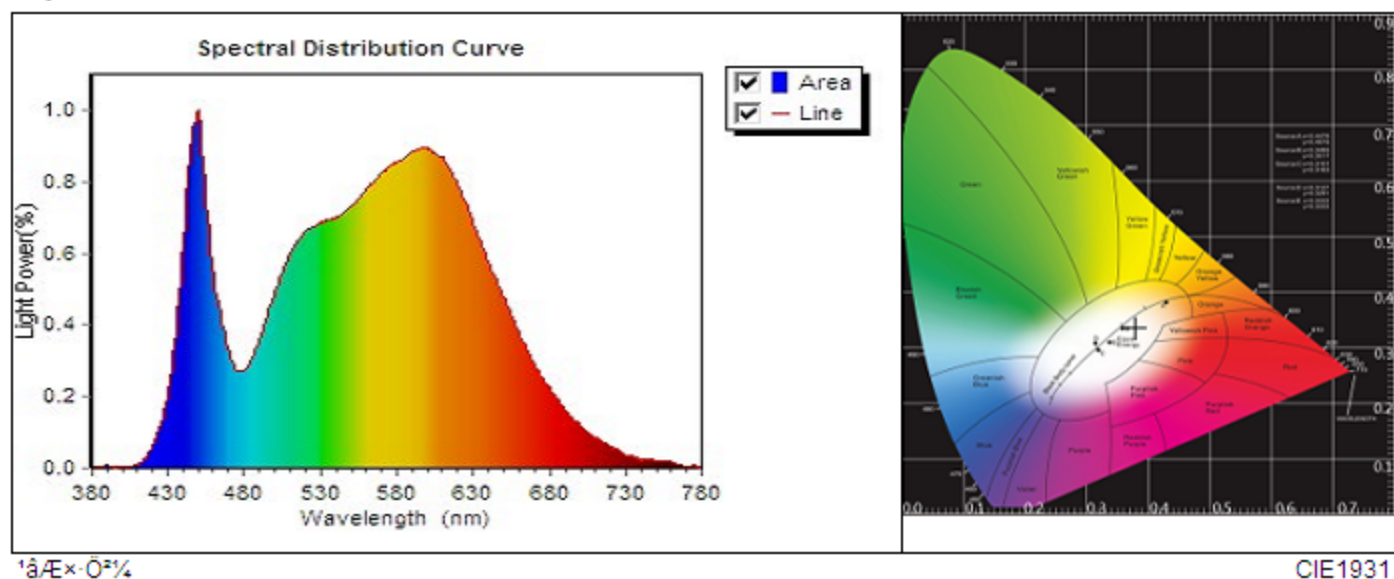
Test date. : 2023-07-18
Test equipment: SPEC2000A Spectrometer
Operator. : LG23193

Test Condition

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

Humidity : 65%
Peak AD. : 31198 (47.6%)
Integral time. : 133ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3740$ $y=0.3745$ $u=0.2218$ $v=0.3331$ ($duv=0.0009$)
Color temperature: $TC=4165$ K Color difference: $SDCM=2.8$ Main Wavelength: $\lambda_d=484.02$ nm Purity: $Purity=0.185$
Peak wavelength: $\lambda_p=448.5$ nm FWHM: $\Delta\lambda_p=23.4$ nm Color ratio: $R=19.59\%$ $G=77.06\%$ $B=3.35\%$

Color rendering index (Ra): $Ra=85.1$

$R1=83.8$ $R2=89.4$ $R3=94.4$ $R4=85.7$ $R5=84.2$ $R6=85.9$ $R7=87.8$ $R8=68.9$
 $R9=17.0$ $R10=75.4$ $R11=86.0$ $R12=67.4$ $R13=85.6$ $R14=97.0$ $R15=77.8$

Optical Parameter

Luminous flux: 1485.94 lm luminous efficiency: 96.49 lm/w Radiant flux: 4.569 W

Electrical Parameter

Voltage: 230.4 V Current: 0.110 A Watts: 15.40 W Power factor: 0.606

MEASUREFINE

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