



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

Spectral test report for lamp

Product type : SUFACE LUMINARY LED
Product No. : B1325-N-BC
Manufacturer : BLED

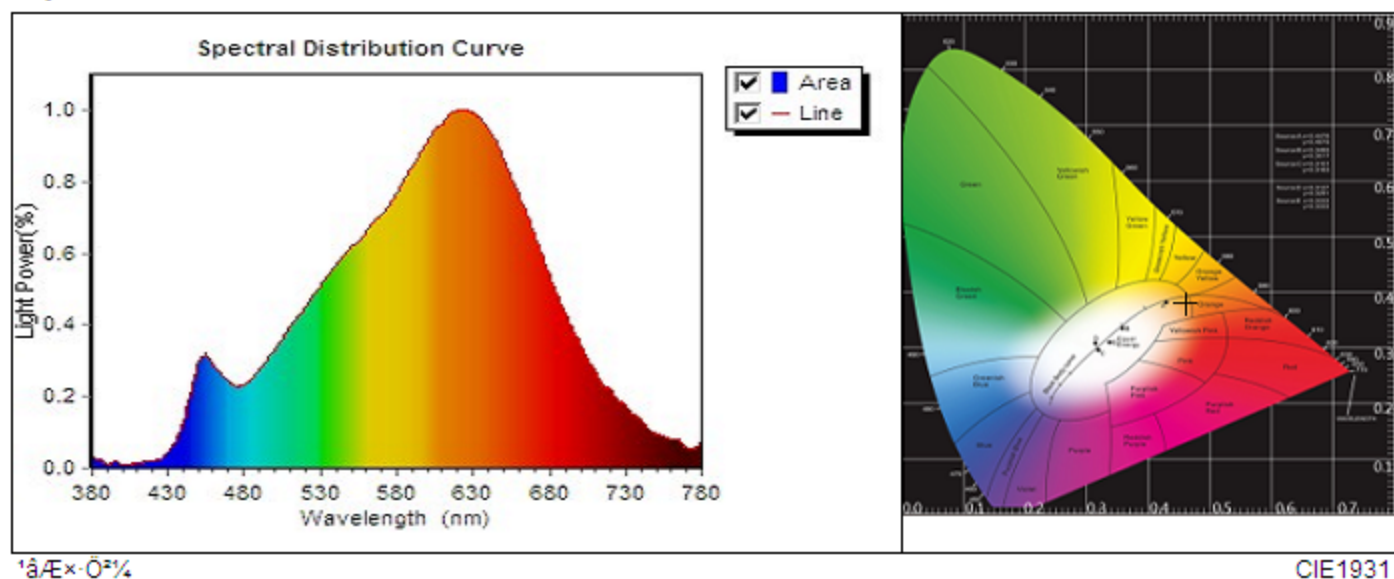
Test date. : 2023-07-06
Test equipment: SPEC2000A Spectrometer
Operator. : BL20230302HT

Test Condition

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

Humidity : 65%
Peak AD. : 47656 (72.7%)
Integral time. : 248ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4547$ $y=0.4161$ $u=0.2568$ $v=0.3524$ ($duv=0.0025$)
Color temperature: $TC=2816$ K Color difference: $SDCM=4.7$ Main Wavelength: $\lambda_d=574.05$ nm Purity: $Purity=0.096$
Peak wavelength: $\lambda_p=623.6$ nm FWHM: $\Delta\lambda_p=155.6$ nm Color ratio: $R=26.94\%$ $G=70.69\%$ $B=2.36\%$

Color rendering index (Ra): $Ra=92.5$

$R1=92.2$ $R2=95.9$ $R3=98.4$ $R4=91.9$ $R5=91.5$ $R6=95.3$ $R7=92.6$ $R8=81.6$
 $R9=58.3$ $R10=89.2$ $R11=92.1$ $R12=81.3$ $R13=93.4$ $R14=98.2$ $R15=87.9$

Optical Parameter

Luminous flux: 1253.233 lm luminous efficiency: 59.68 lm/w Radiant flux: 4.4191 W

Electrical Parameter

Voltage: 230.3 V Current: 0.096 A Watts: 21.00 W Power factor: 0.943

MEASUREFINE

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