



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

Spectral test report for lamp

Product type : APLIQUE EMPOTRABLE
Product No. : B860-N
Manufacturer : BLED

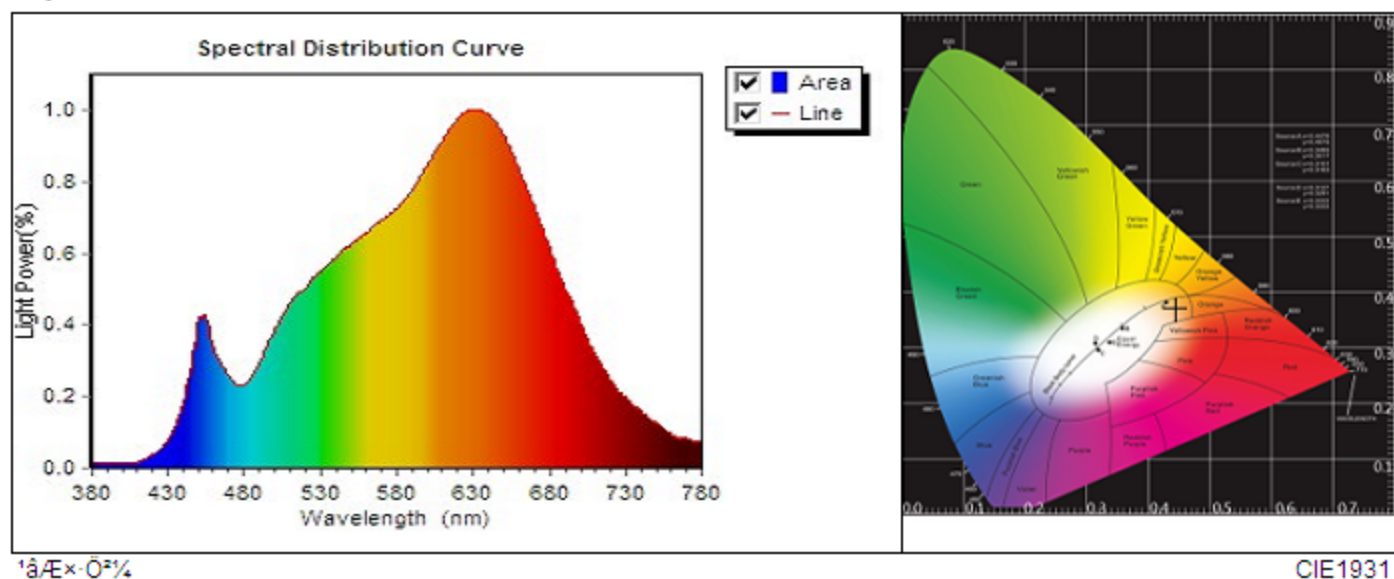
Test date. : 2024-08-14
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 43636 (66.6%)
Integral time. : 460ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4387$ $y=0.4068$ $u=0.2506$ $v=0.3485$ ($duv=0.0008$)
Color temperature: $TC=2992$ K Color difference: $SDCM=13.7$ Main Wavelength: $\lambda_d=489.01$ nm Purity: $Purity=0.021$
Peak wavelength: $\lambda_p=631.2$ nm FWHM: $\Delta\lambda_p=170.9$ nm Color ratio: $R=26.32\%$ $G=71.07\%$ $B=2.61\%$

Color rendering index (Ra): $Ra=97.3$

$R1=98.2$ $R2=98.2$ $R3=96.6$ $R4=98.7$ $R5=97.6$ $R6=97.7$ $R7=97.4$ $R8=93.4$
 $R9=83.6$ $R10=94.6$ $R11=98.2$ $R12=86.0$ $R13=98.5$ $R14=97.2$ $R15=95.9$

Optical Parameter

Luminous flux: 627.673 lm Luminous efficiency: 89.67 lm/w Radiant flux: 2.3313 W

Electrical Parameter

Voltage: 230.5 V Current: 0.057 A Watts: 7.00 W Power factor: 0.526

MEASUREFINE

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