



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

Spectral test report for lamp

Product type : DOWNLIGHT EMPOTRABLE
Product No. : B9401-N-BC
Manufacturer : BLED

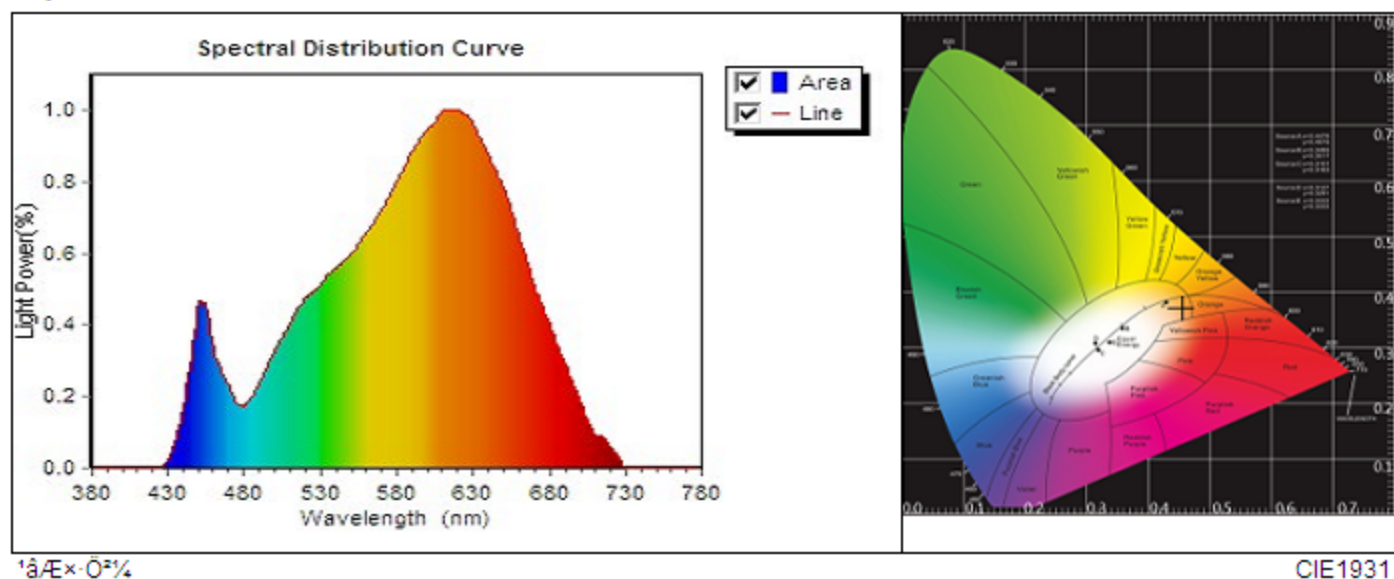
Test date. : 2024-12-27
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52067 (79.4%)
Integral time. : 1296ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4478$ $y=0.4085$ $u=0.2557$ $v=0.3498$ ($duv=0.0004$)
Color temperature: $TC=2861$ K Color difference: $SDCM=3.9$ Main Wavelength: $\lambda_d=490.02$ nm Purity: $Purity=0.003$
Peak wavelength: $\lambda_p=618.2$ nm FWHM: $\Delta\lambda_p=143.7$ nm Color ratio: $R=26.51\%$ $G=71.27\%$ $B=2.22\%$

Color rendering index (Ra): $Ra=89.9$

$R1=89.5$ $R2=94.7$ $R3=98.3$ $R4=89.6$ $R5=89.3$ $R6=93.8$ $R7=89.1$ $R8=74.5$
 $R9=43.0$ $R10=87.1$ $R11=90.6$ $R12=77.0$ $R13=91.3$ $R14=98.7$ $R15=84.0$

Optical Parameter

Luminous flux: 197.746 lm luminous efficiency: 47.08 lm/w Radiant flux: 0.6267 W

Electrical Parameter

Voltage: 230.4 V Current: 0.037 A Watts: 4.20 W Power factor: 0.481

MEASUREFINE

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