



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

Spectral test report for lamp

Product type : Led Floodlight
Product No. : B1881-2-BN
Manufacturer : BLED

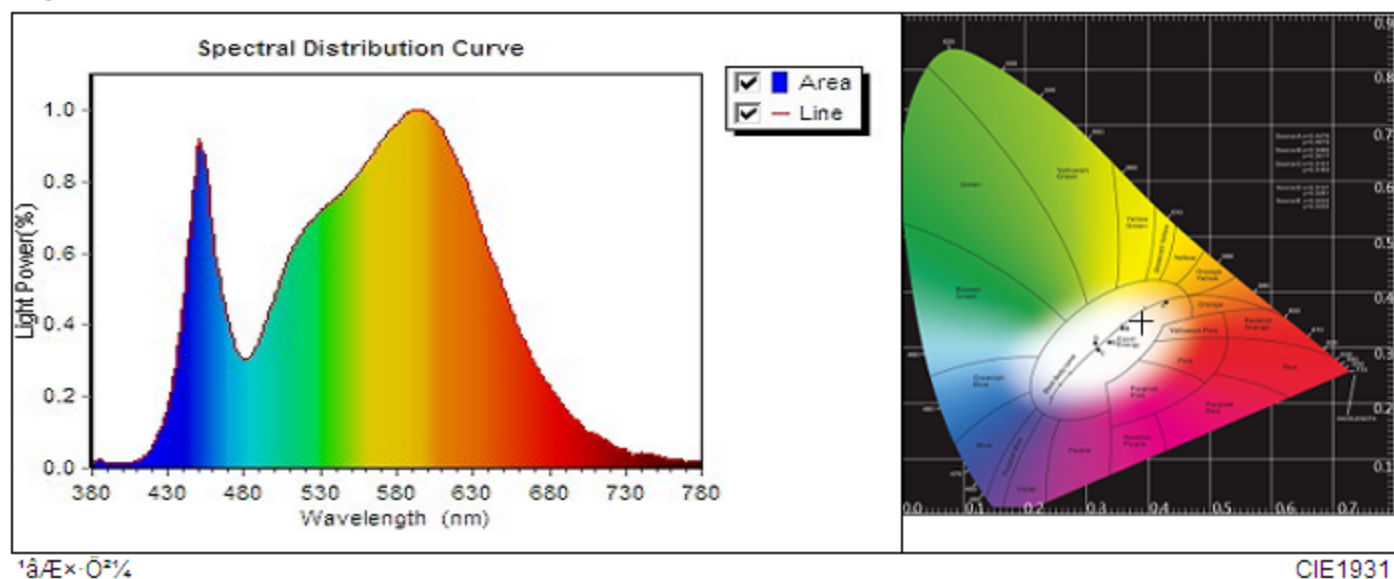
Test date. : 2024-07-22
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 40032 (61.1%)
Integral time. : 282ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3840$ $y=0.3851$ $u=0.2241$ $v=0.3372$ ($duv=0.0028$)
Color temperature: $TC=3968$ K Color difference: $SDCM=2.1$ Main Wavelength: $\lambda_d=486.04$ nm Purity: $Purity=0.158$
Peak wavelength: $\lambda_p=593.8$ nm FWHM: $\Delta\lambda_p=148.5$ nm Color ratio: $R=19.67\%$ $G=77.12\%$ $B=3.21\%$

Color rendering index (Ra): $Ra=82.6$

$R1=80.3$ $R2=88.6$ $R3=95.5$ $R4=81.5$ $R5=80.5$ $R6=84.6$ $R7=86.1$ $R8=63.0$
 $R9=3.8$ $R10=73.4$ $R11=80.4$ $R12=62.6$ $R13=83.0$ $R14=97.6$ $R15=73.4$

Optical Parameter

Luminous flux: 867.054 lm luminous efficiency: 86.71 lm/w Radiant flux: 2.6102 W

Electrical Parameter

Voltage: 230.5 V Current: 0.046 A Watts: 10.00 W Power factor: 0.939

MEASUREFINE

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