



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

Spectral test report for lamp

Product type :
Product No. : B1073-BF
Manufacturer : BLED

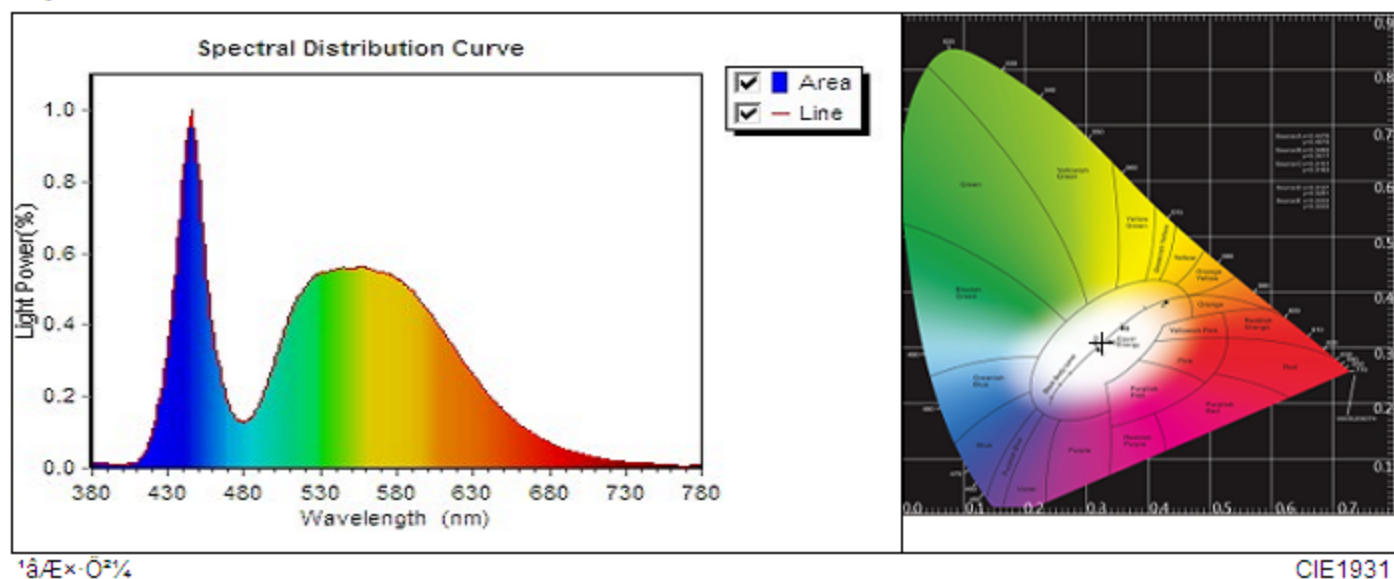
Test date. : 2023-02-15
Test equipment: SPEC2000A Spectrometer
Operator. : BL20210922XMT

Test Condition

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

Humidity : 65%
Peak AD. : 51849 (79.1%)
Integral time. : 166ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3196$ $y=0.3498$ $u=0.1949$ $v=0.3200$ ($duv=0.0102$)
Color temperature: $TC=6058$ K Color difference: $SDCM=6.6$ Main Wavelength: $\lambda_d=484.07$ nm Purity: $Purity=0.323$
Peak wavelength: $\lambda_p=445.0$ nm FWHM: $\Delta\lambda_p=22.4$ nm Color ratio: $R=13.03\%$ $G=83.66\%$ $B=3.31\%$

Color rendering index (Ra): $Ra=71$

$R1=67.2$ $R2=74.1$ $R3=81.3$ $R4=72.3$ $R5=69.9$ $R6=67.4$ $R7=79.4$ $R8=55.8$
 $R9=-44.1$ $R10=41.0$ $R11=71.6$ $R12=47.8$ $R13=69.0$ $R14=89.7$ $R15=59.4$

Optical Parameter

Luminous flux: 1452.937 lm luminous efficiency: 70.87 lm/w Radiant flux: 4.3749 W

Electrical Parameter

Voltage: 240.1 V Current: 0.153 A Watte: 20.50 W Power factor: 0.555

MEASUREFINE

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