



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

Spectral test report for lamp

Product type : PROYECTOR
Product No. : B1883-2-BF
Manufacturer : BLED

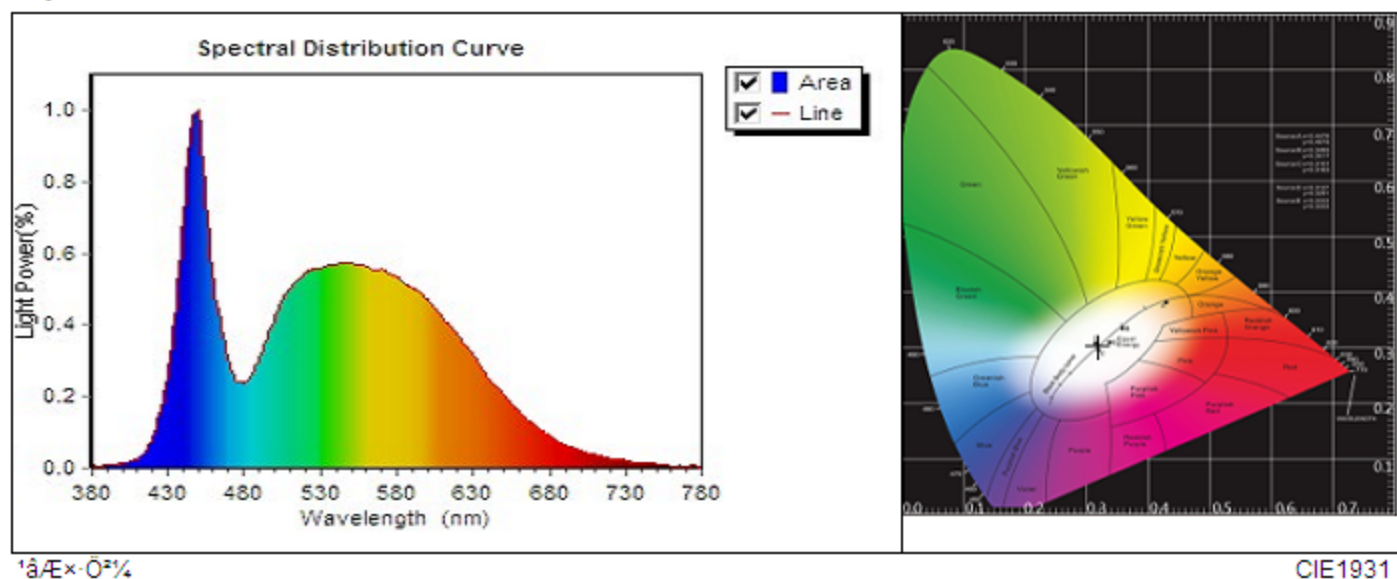
Test date. : 2021-10-27
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 44100 (67.3%)
Integral time. : 41ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3144$ $y=0.3435$ $u=0.1937$ $v=0.3174$ ($duv=0.0096$)
Color temperature: $TC=6326$ K Color difference: $SDCM=3.7$ Main Wavelength: $\lambda_d=484.1$ nm Purity: $Purity=0.339$
Peak wavelength: $\lambda_p=447.8$ nm FWHM: $\Delta\lambda_p=23.8$ nm Color ratio: $R=13.81\%$ $G=81.68\%$ $B=4.51\%$

Color rendering index (Ra): $Ra=79.4$

$R1=76.0$ $R2=82.4$ $R3=88.6$ $R4=80.1$ $R5=78.1$ $R6=77.7$ $R7=86.2$ $R8=65.7$
 $R9=-10.4$ $R10=60.0$ $R11=79.5$ $R12=59.2$ $R13=78.1$ $R14=93.9$ $R15=69.7$

Optical Parameter

Luminous flux: 4584.336 lm luminous efficiency: 86.01 lm/w Radiant flux: 14.4192 W

Electrical Parameter

Voltage: 229.9 V Current: 0.250 A Watts: 53.30 W Power factor: 0.925

MEASUREFINE

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