



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR MONOFÁSICO
Product No. : BPM-20W-CCT-N (BF)
Manufacturer : BLED

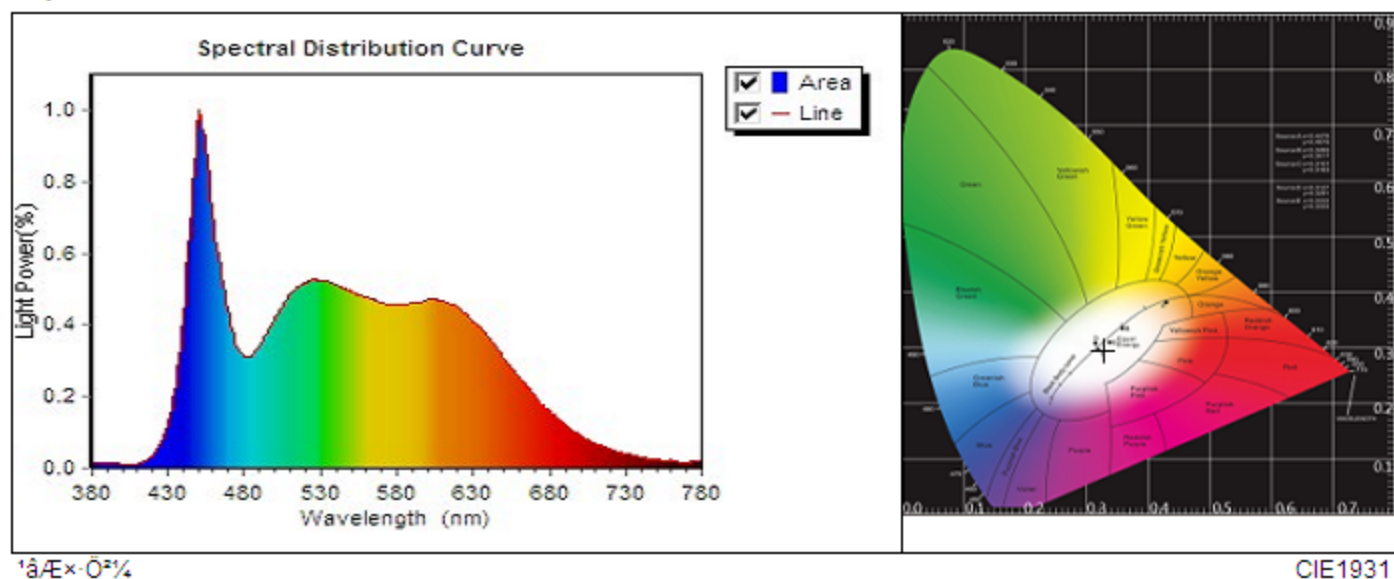
Test date. : 2024-09-24
Test equipment: SPEC2000A Spectrometer
Operator. : VICTOR

Test Condition

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

Humidity : 65%
Peak AD. : 49931 (76.2%)
Integral time. : 131ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3228$ $y=0.3377$ $u=0.2015$ $v=0.3163$ ($duv=0.0027$)
Color temperature: $TC=5950$ K Color difference: $SDCM=2.1$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.326$
Peak wavelength: $\lambda_p=451.2$ nm FWHM: $\Delta\lambda_p=24.6$ nm Color ratio: $R=17.10\%$ $G=77.52\%$ $B=5.38\%$

Color rendering index (Ra): $Ra=93.9$

$R1=95.3$ $R2=95.8$ $R3=94.4$ $R4=95.3$ $R5=94.3$ $R6=92.2$ $R7=95.2$ $R8=88.7$
 $R9=66.9$ $R10=88.6$ $R11=94.5$ $R12=71.6$ $R13=96.4$ $R14=96.8$ $R15=93.2$

Optical Parameter

Luminous flux: 1747.573 lm luminous efficiency: 88.26 lm/w Radiant flux: 5.9921 W

Electrical Parameter

Voltage: 240.6 V Current: 0.086 A Watts: 19.80 W Power factor: 0.948

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