



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

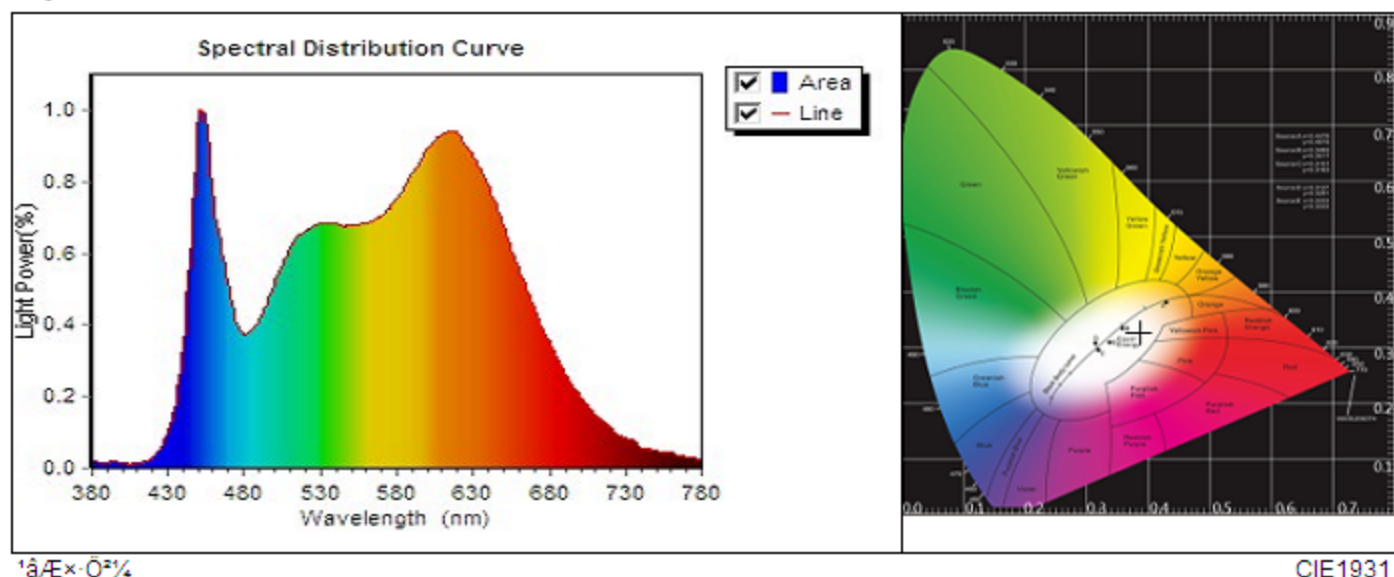
Test date. : 2024-09-24
Test equipment : SPEC2000A Spectrometer
Operator : VICTOR

Test Condition

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

Humidity : 65%
Peak AD. : 36013 (55.0%)
Integral time. : 131ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3805$ $y=0.3674$ $u=0.2289$ $v=0.3316$ ($duv=-0.0045$)
Color temperature: $TC=3927$ K Color difference: $SDCM=6.6$ Main Wavelength: $\lambda_d=482.04$ nm Purity: $Purity=0.177$
Peak wavelength: $\lambda_p=452.4$ nm FWHM: $\Delta\lambda_p=26.0$ nm Color ratio: $R=22.78\%$ $G=73.17\%$ $B=4.05\%$

Color rendering index (Ra): $Ra=96.2$

$R1=97.7$ $R2=98.0$ $R3=98.4$ $R4=99.0$ $R5=97.8$ $R6=94.3$ $R7=93.8$ $R8=90.0$
 $R9=77.7$ $R10=98.0$ $R11=95.5$ $R12=78.6$ $R13=97.5$ $R14=98.9$ $R15=97.5$

Optical Parameter

Luminous flux: 1796.9 lm Luminous efficiency: 93.59 lm/w Radiant flux: 6.1338 W

Electrical Parameter

Voltage: 240.6 V Current: 0.085 A Watts: 19.20 W Power factor: 0.937

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