



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

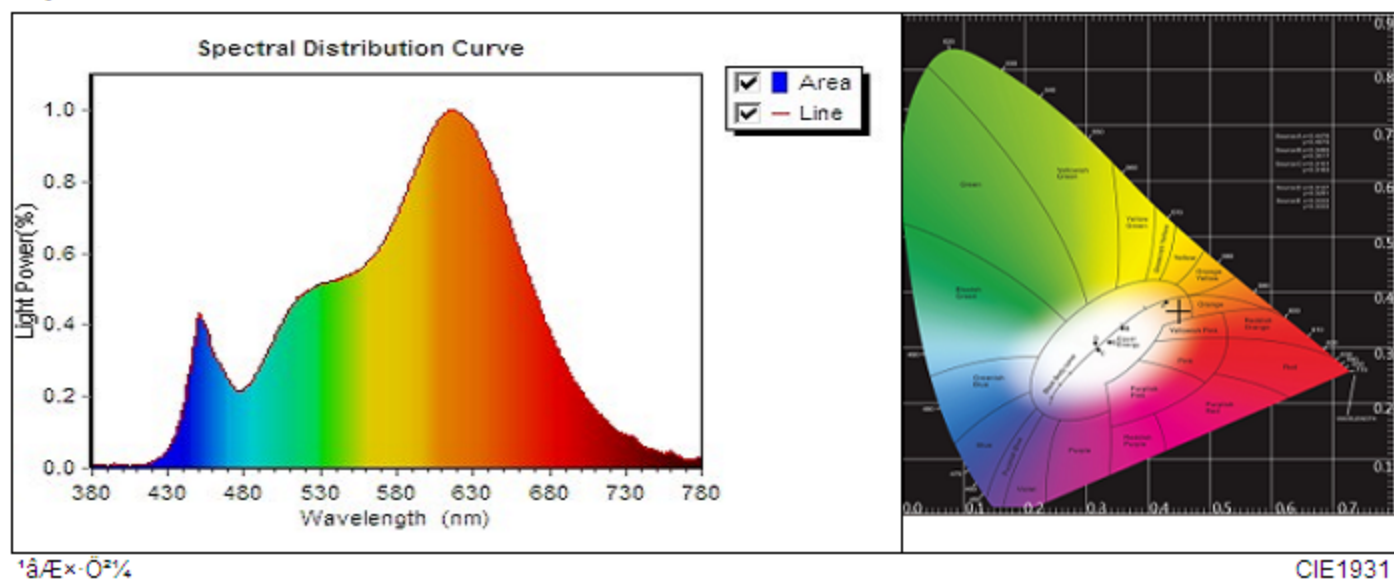
Test date. : 2024-09-24
Test equipment: SPEC2000A Spectrometer
Operator. : VICTOR

Test Condition

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

Humidity : 65%
Peak AD. : 34329 (52.4%)
Integral time. : 131ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4436$ $y=0.4032$ $u=0.2553$ $v=0.3480$ ($duv=-0.0012$)
Color temperature: $TC=2883$ K Color difference: $SDCM=2.2$ Main Wavelength: $\lambda_d=475.06$ nm Purity: $Purity=0.012$
Peak wavelength: $\lambda_p=616.4$ nm FWHM: $\Delta\lambda_p=146.5$ nm Color ratio: $R=27.60\%$ $G=69.80\%$ $B=2.61\%$

Color rendering index (Ra): $Ra=94.6$

$R1=97.3$ $R2=99.4$ $R3=97.2$ $R4=98.0$ $R5=98.2$ $R6=94.8$ $R7=90.3$ $R8=80.9$
 $R9=58.6$ $R10=99.5$ $R11=96.4$ $R12=89.1$ $R13=99.3$ $R14=99.2$ $R15=90.8$

Optical Parameter

Luminous flux: 1648.077 lm luminous efficiency: 82.4 lm/w Radiant flux: 5.5443 W

Electrical Parameter

Voltage: 240.5 V Current: 0.088 A Watts: 20.00 W Power factor: 0.935

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