



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR MONOFÁSICO
Product No. : BPM-35W-ZOOM-CCT-N (BF)
Manufacturer : BLED

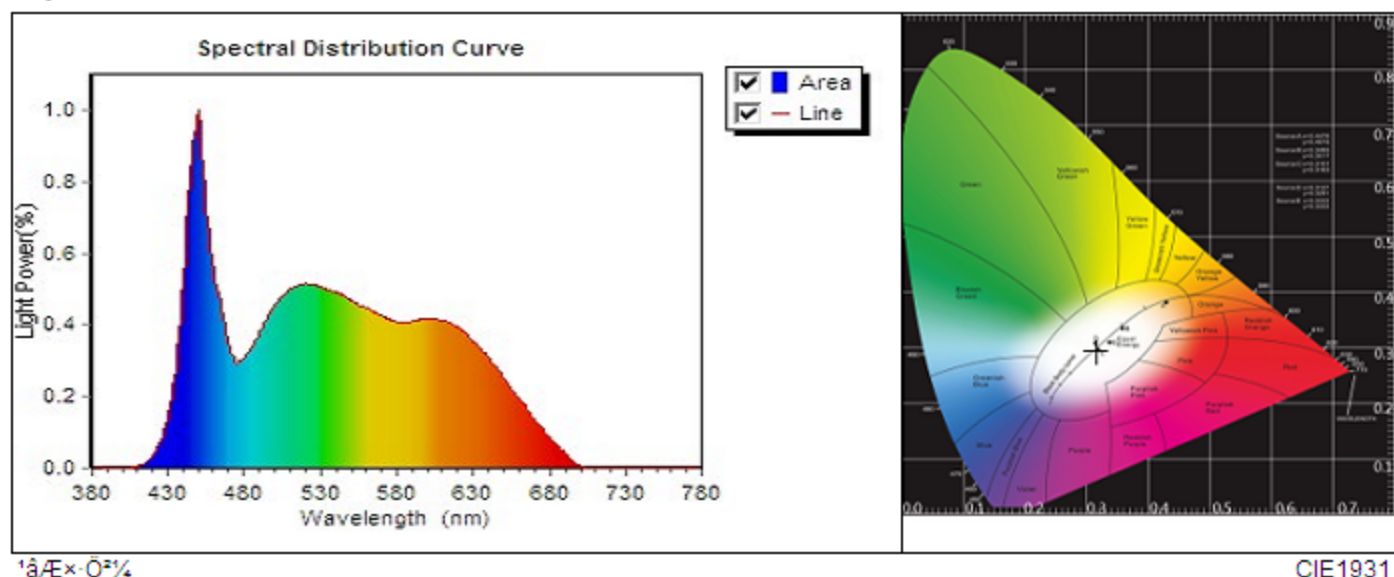
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50789 (77.5%)
Integral time. : 70ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3113$ $y=0.3354$ $u=0.1945$ $v=0.3143$ ($duv=0.0072$)
Color temperature: $TC=6532$ K Color difference: $SDCM=1.2$ Main Wavelength: $\lambda_d=483.05$ nm Purity: $Purity=0.351$
Peak wavelength: $\lambda_p=449.0$ nm FWHM: $\Delta\lambda_p=22.4$ nm Color ratio: $R=15.84\%$ $G=78.48\%$ $B=5.68\%$

Color rendering index (Ra): $Ra=92.3$

$R1=92.4$ $R2=93.6$ $R3=94.6$ $R4=93.5$ $R5=92.2$ $R6=91.3$ $R7=94.8$ $R8=85.6$
 $R9=54.3$ $R10=85.1$ $R11=92.9$ $R12=72.2$ $R13=93.3$ $R14=97.2$ $R15=88.7$

Optical Parameter

Luminous flux: 3160.768 lm luminous efficiency: 74.72 lm/w Radiant flux: 10.3453 W

Electrical Parameter

Voltage: 230.6 V Current: 0.190 A Watts: 42.30 W Power factor: 0.966

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