



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

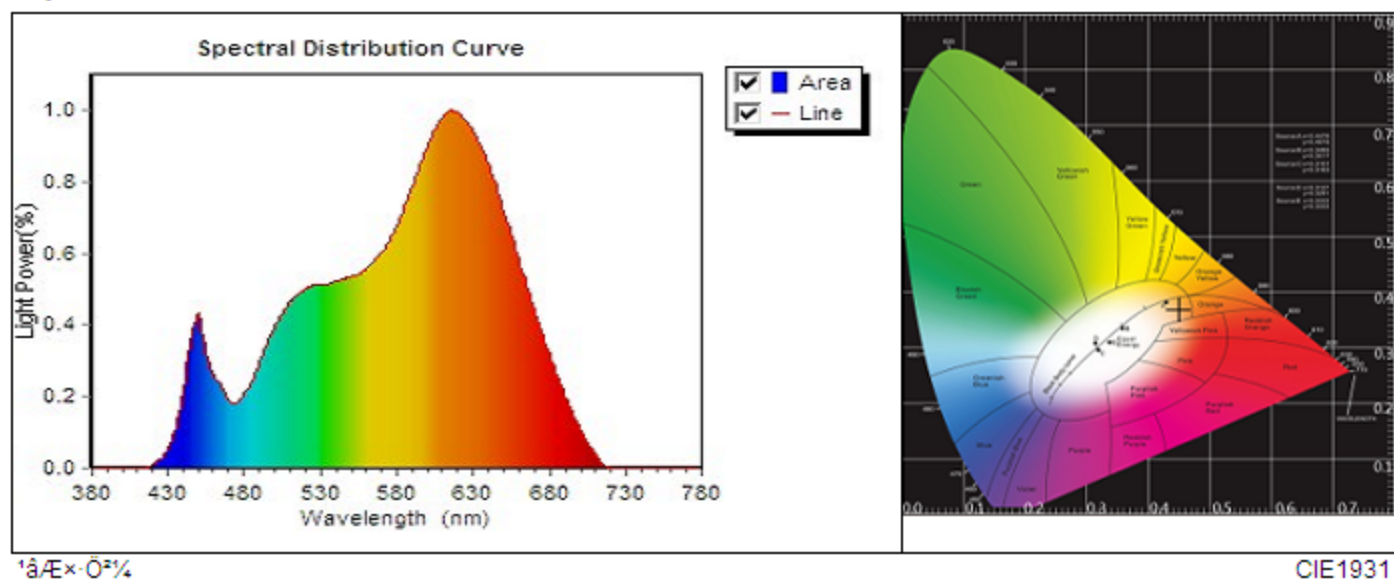
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 35252 (53.8%)
Integral time. : 70ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4435$ $y=0.4056$ $u=0.2542$ $v=0.3486$ ($duv=-0.0003$)
Color temperature: $TC=2904$ K Color difference: $SDCM=1.8$ Main Wavelength: $\lambda_d=484.09$ nm Purity: $Purity=0.01$
Peak wavelength: $\lambda_p=616.1$ nm FWHM: $\Delta\lambda_p=146.3$ nm Color ratio: $R=27.63\%$ $G=69.79\%$ $B=2.57\%$

Color rendering index (Ra): $Ra=95.2$

$R1=98.4$ $R2=99.5$ $R3=97.9$ $R4=98.6$ $R5=99.6$ $R6=94.4$ $R7=91.2$ $R8=81.9$
 $R9=59.7$ $R10=99.3$ $R11=93.1$ $R12=92.4$ $R13=99.4$ $R14=99.2$ $R15=91.3$

Optical Parameter

Luminous flux: 2947.062 lm luminous efficiency: 71.7 lm/w Radiant flux: 9.3289 W

Electrical Parameter

Voltage: 230.6 V Current: 0.184 A Watts: 41.10 W Power factor: 0.967

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