



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

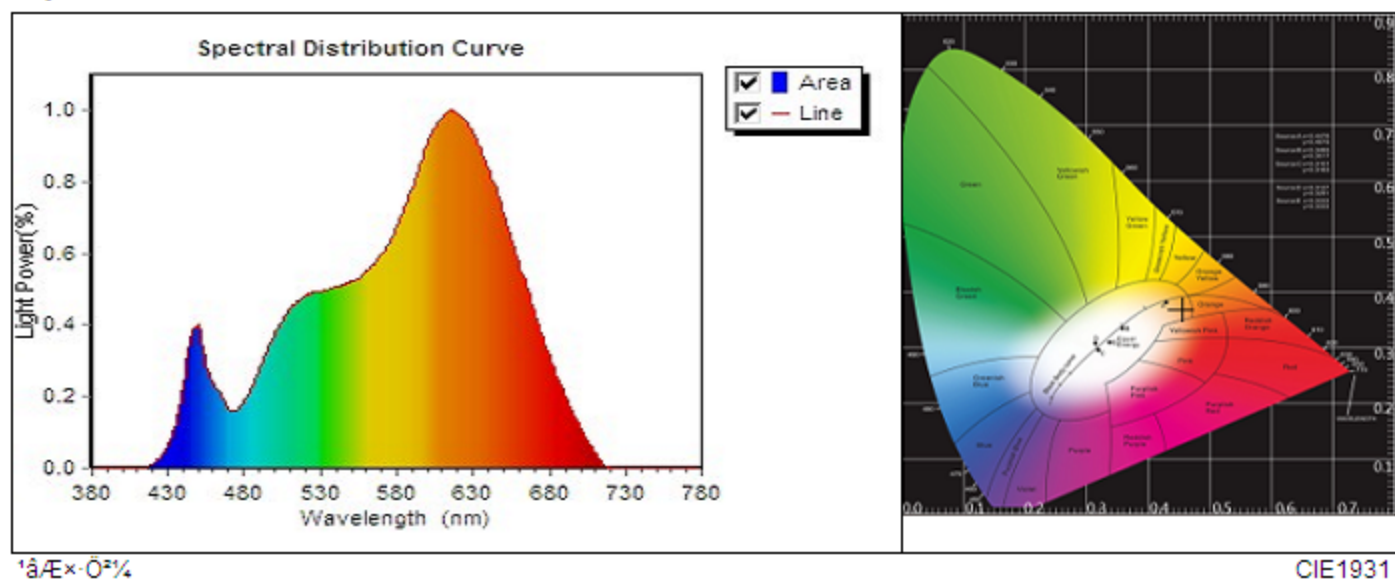
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 36761 (56.1%)
Integral time. : 70ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4478$ $y=0.4058$ $u=0.2568$ $v=0.3491$ ($duv=-0.0006$)
Color temperature: $TC=2840$ K Color difference: $SDCM=4.1$ Main Wavelength: $\lambda_d=490.02$ nm Purity: $Purity=0.004$
Peak wavelength: $\lambda_p=615.6$ nm FWHM: $\Delta\lambda_p=130.5$ nm Color ratio: $R=28.07\%$ $G=69.49\%$ $B=2.44\%$

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

$R1=97.5$ $R2=99.4$ $R3=97.8$ $R4=98.1$ $R5=98.7$ $R6=94.8$ $R7=90.3$ $R8=79.8$
 $R9=55.4$ $R10=99.3$ $R11=93.7$ $R12=94.2$ $R13=99.3$ $R14=99.2$ $R15=89.9$

Optical Parameter

Luminous flux: 3004.711 lm luminous efficiency: 62.86 lm/w Radiant flux: 9.5009 W

Electrical Parameter

Voltage: 231.5 V Current: 0.214 A Watts: 47.80 W Power factor: 0.965

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