



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO
Product No. : BPT-35W-ZOOM-CCT-B (BN)
Manufacturer : BLED

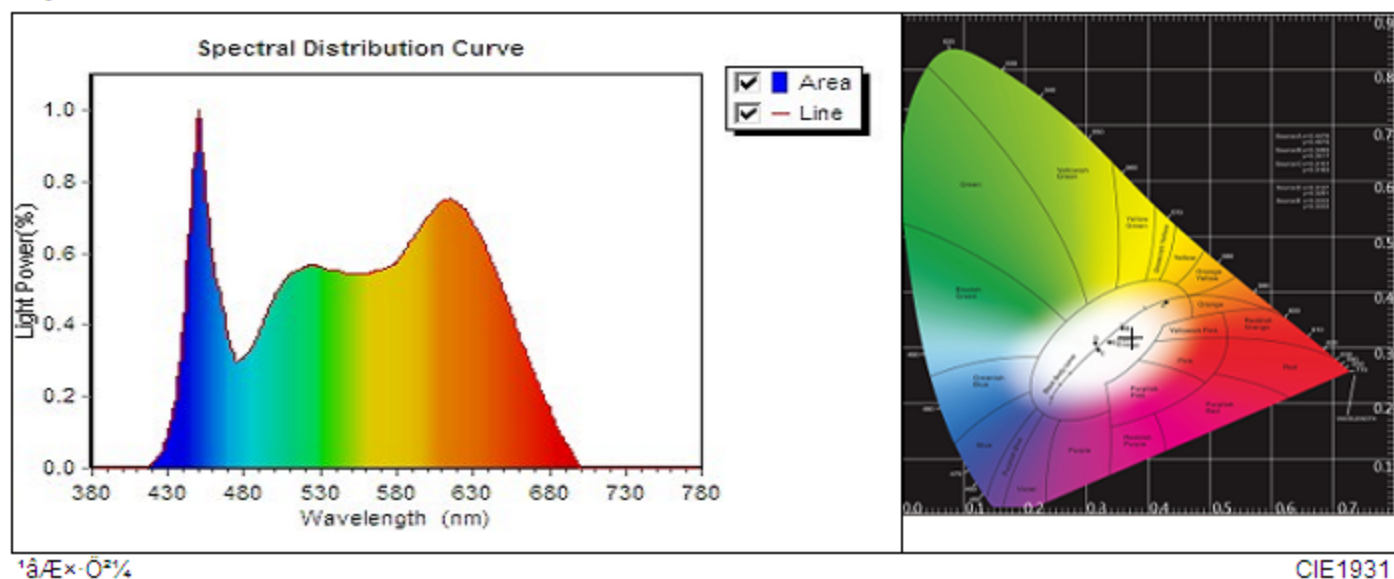
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 32447 (49.5%)
Integral time. : 61ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3675$ $y=0.3581$ $u=0.2240$ $v=0.3274$ ($duv=-0.0050$)
Color temperature: $TC=4247$ K Color difference: $SDCM=8.3$ Main Wavelength: $\lambda_d=482.01$ nm Purity: $Purity=0.213$
Peak wavelength: $\lambda_p=450.0$ nm FWHM: $\Delta\lambda_p=21.6$ nm Color ratio: $R=22.16\%$ $G=73.48\%$ $B=4.36\%$

Color rendering index (Ra): $Ra=95.7$

$R1=96.3$ $R2=97.5$ $R3=98.4$ $R4=96.5$ $R5=97.1$ $R6=93.6$ $R7=94.7$ $R8=91.6$
 $R9=80.0$ $R10=96.6$ $R11=91.3$ $R12=80.9$ $R13=96.0$ $R14=98.4$ $R15=98.7$

Optical Parameter

Luminous flux: 2953.188 lm luminous efficiency: 85.35 lm/w Radiant flux: 9.5111 W

Electrical Parameter

Voltage: 230.9 V Current: 0.150 A Watts: 34.60 W Power factor: 0.997

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