



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO
Product No. : BPT-38W-SWITCH-CCT-B (BC)
Manufacturer : BLED

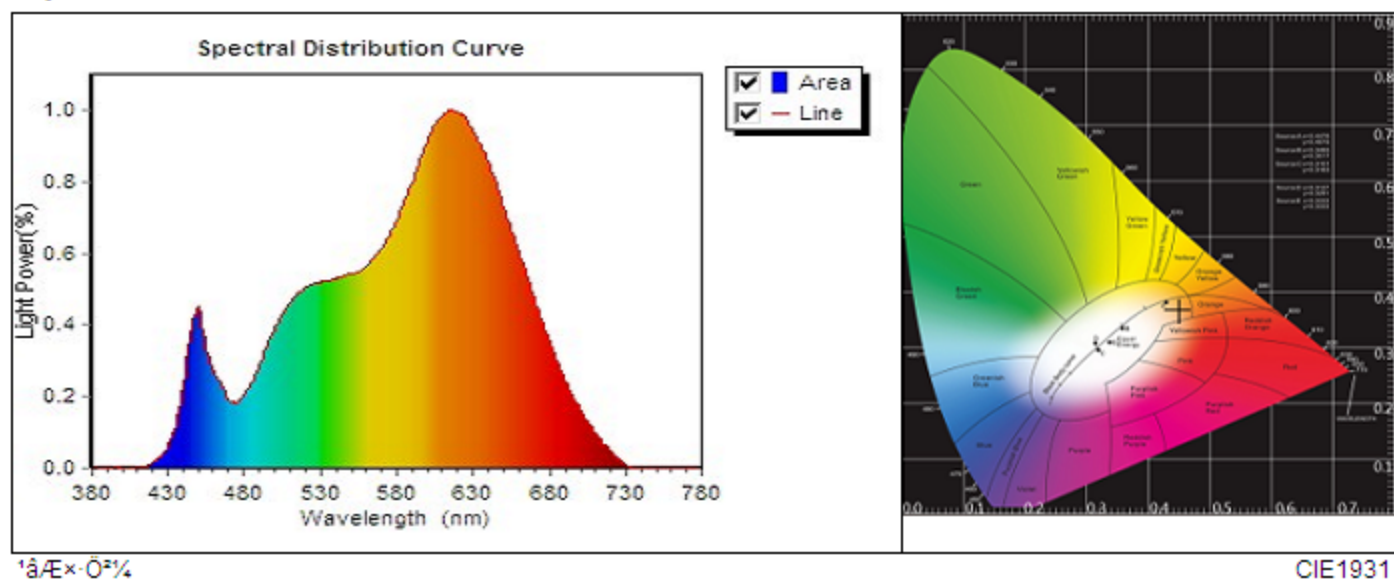
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50425 (76.9%)
Integral time. : 107ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4424$ $y=0.4037$ $u=0.2542$ $v=0.3480$ ($duv=-0.0008$)
Color temperature: $TC=2908$ K Color difference: $SDCM=1.3$ Main Wavelength: $\lambda_d=481.06$ nm Purity: $Purity=0.014$
Peak wavelength: $\lambda_p=616.0$ nm FWHM: $\Delta\lambda_p=149.3$ nm Color ratio: $R=27.53\%$ $G=69.92\%$ $B=2.55\%$

Color rendering index (Ra): $Ra=95.1$

$R1=97.9$ $R2=99.4$ $R3=98.1$ $R4=98.2$ $R5=99.0$ $R6=95.0$ $R7=91.1$ $R8=81.6$
 $R9=59.2$ $R10=99.4$ $R11=93.7$ $R12=92.5$ $R13=99.4$ $R14=99.3$ $R15=91.0$

Optical Parameter

Luminous flux: 2884.152 lm luminous efficiency: 84.33 lm/w Radiant flux: 9.3174 W

Electrical Parameter

Voltage: 230.4 V Current: 0.173 A Watts: 34.20 W Power factor: 0.856

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