



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

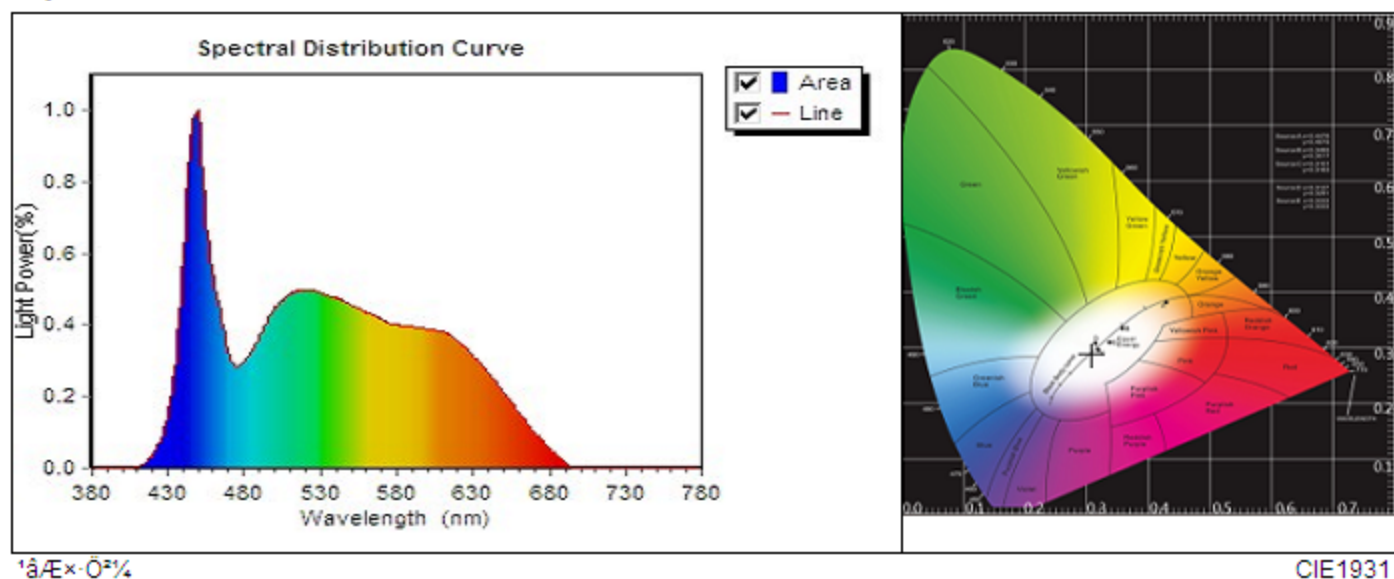
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 47314 (72.2%)
Integral time. : 69ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3043$ $y=0.3301$ $u=0.1916$ $v=0.3118$ ($duv=0.0081$)
Color temperature: $TC=6964$ K Color difference: $SDCM=6.2$ Main Wavelength: $\lambda_d=483.02$ nm Purity: $Purity=0.371$
Peak wavelength: $\lambda_p=448.0$ nm FWHM: $\Delta\lambda_p=22.3$ nm Color ratio: $R=14.93\%$ $G=79.29\%$ $B=5.78\%$

Color rendering index (Ra): $Ra=89.8$

$R1=88.9$ $R2=91.4$ $R3=93.8$ $R4=90.9$ $R5=89.4$ $R6=88.8$ $R7=93.3$ $R8=81.4$
 $R9=39.4$ $R10=80.3$ $R11=90.7$ $R12=69.5$ $R13=90.2$ $R14=97.0$ $R15=84.5$

Optical Parameter

Luminous flux: 2813.841 lm luminous efficiency: 79.26 lm/w Radiant flux: 9.1487 W

Electrical Parameter

Voltage: 230.5 V Current: 0.180 A Watts: 35.50 W Power factor: 0.855

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