



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

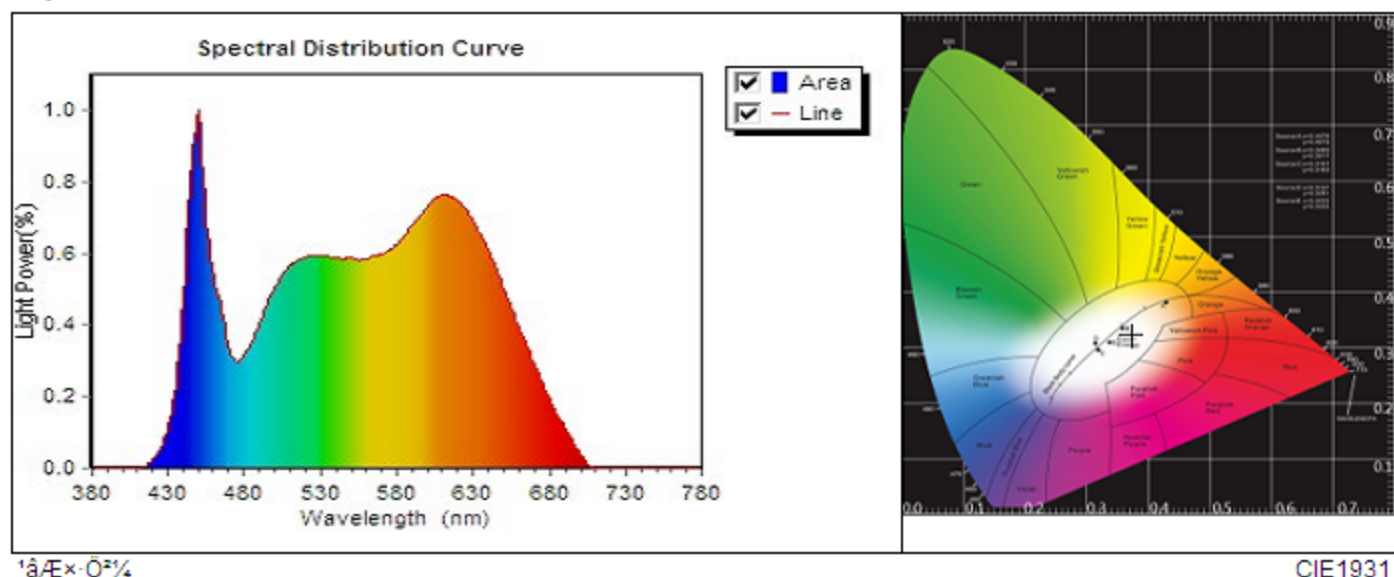
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 36155 (55.2%)
Integral time. : 69ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3680$ $y=0.3625$ $u=0.2226$ $v=0.3289$ ($duv=-0.0030$)
Color temperature: $TC=4262$ K Color difference: $SDCM=6.8$ Main Wavelength: $\lambda_d=483.04$ nm Purity: $Purity=0.208$
Peak wavelength: $\lambda_p=449.0$ nm FWHM: $\Delta\lambda_p=20.5$ nm Color ratio: $R=21.51\%$ $G=74.27\%$ $B=4.22\%$

Color rendering index (Ra): $Ra=96.2$

$R1=98.2$ $R2=98.7$ $R3=97.9$ $R4=97.5$ $R5=98.7$ $R6=95.4$ $R7=94.3$ $R8=88.5$
 $R9=70.7$ $R10=97.2$ $R11=94.0$ $R12=80.8$ $R13=99.0$ $R14=98.3$ $R15=95.7$

Optical Parameter

Luminous flux: 3090.585 lm luminous efficiency: 86.09 lm/w Radiant flux: 9.9044 W

Electrical Parameter

Voltage: 230.5 V Current: 0.183 A Watte: 35.90 W Power factor: 0.851

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