



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

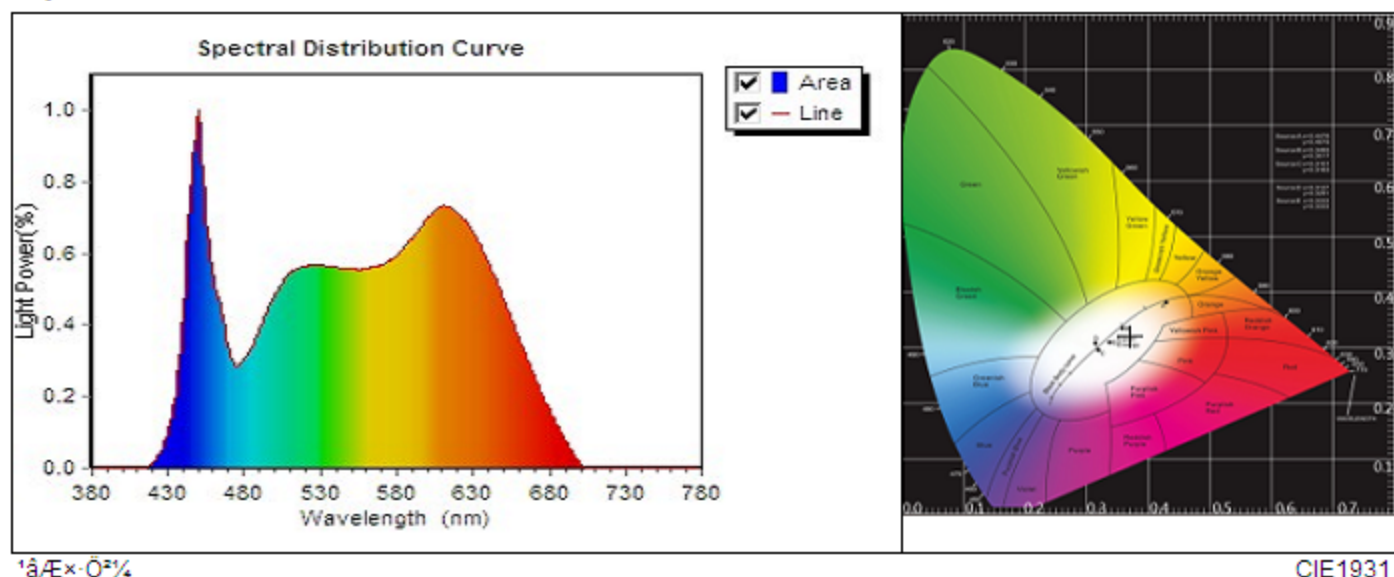
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 30703 (46.8%)
Integral time. : 69ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3662$ $y=0.3608$ $u=0.2220$ $v=0.3281$ ($duv=-0.0032$)
Color temperature: $TC=4309$ K Color difference: $SDCM=7.6$ Main Wavelength: $\lambda_d=483.03$ nm Purity: $Purity=0.214$
Peak wavelength: $\lambda_p=449.3$ nm FWHM: $\Delta\lambda_p=20.1$ nm Color ratio: $R=21.47\%$ $G=74.25\%$ $B=4.29\%$

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

$R1=98.1$ $R2=98.8$ $R3=97.9$ $R4=97.7$ $R5=98.7$ $R6=95.2$ $R7=94.2$ $R8=88.5$
 $R9=70.8$ $R10=97.6$ $R11=93.9$ $R12=79.8$ $R13=98.8$ $R14=98.3$ $R15=95.9$

Optical Parameter

Luminous flux: 2466.324 lm luminous efficiency: 86.24 lm/w Radiant flux: 7.8598 W

Electrical Parameter

Voltage: 230.4 V Current: 0.145 A Watts: 28.60 W Power factor: 0.855

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