



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO
Product No. : BPT-20W-ARQ-CCT-N (BN)
Manufacturer : BLED

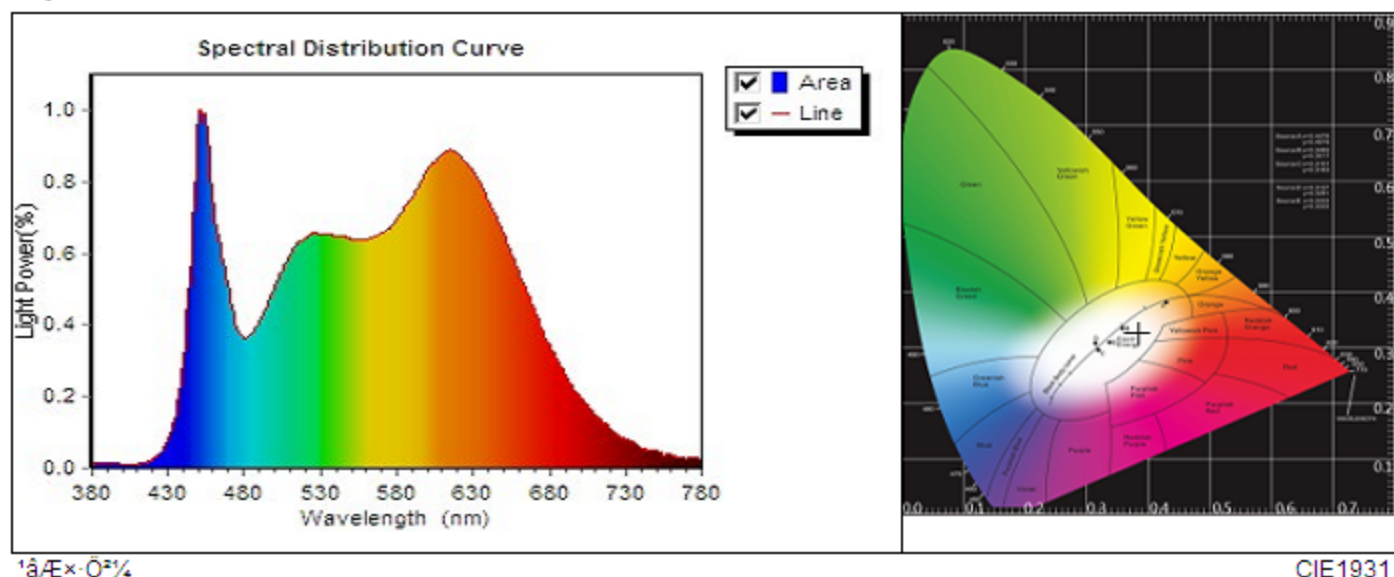
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 40209 (61.4%)
Integral time. : 130ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3777$ $y=0.3663$ $u=0.2275$ $v=0.3310$ ($duv=-0.0042$)
Color temperature: $TC=3998$ K Color difference: $SDCM=6.1$ Main Wavelength: $\lambda_d=482.01$ nm Purity: $Purity=0.183$
Peak wavelength: $\lambda_p=452.3$ nm FWHM: $\Delta\lambda_p=25.2$ nm Color ratio: $R=22.74\%$ $G=73.07\%$ $B=4.19\%$

Color rendering index (Ra): $Ra=96.1$

$R1=96.4$ $R2=97.3$ $R3=98.7$ $R4=98.4$ $R5=96.9$ $R6=93.7$ $R7=94.6$ $R8=92.6$
 $R9=84.5$ $R10=96.3$ $R11=94.0$ $R12=77.8$ $R13=96.0$ $R14=98.8$ $R15=98.0$

Optical Parameter

Luminous flux: 1905.221 lm luminous efficiency: 99.23 lm/w Radiant flux: 6.5664 W

Electrical Parameter

Voltage: 230.7 V Current: 0.085 A Watts: 19.20 W Power factor: 0.971

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