



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR MONOFÁSICO
Product No. : BPM-40W-ARQ-CCT-N (BN)
Manufacturer : BLED

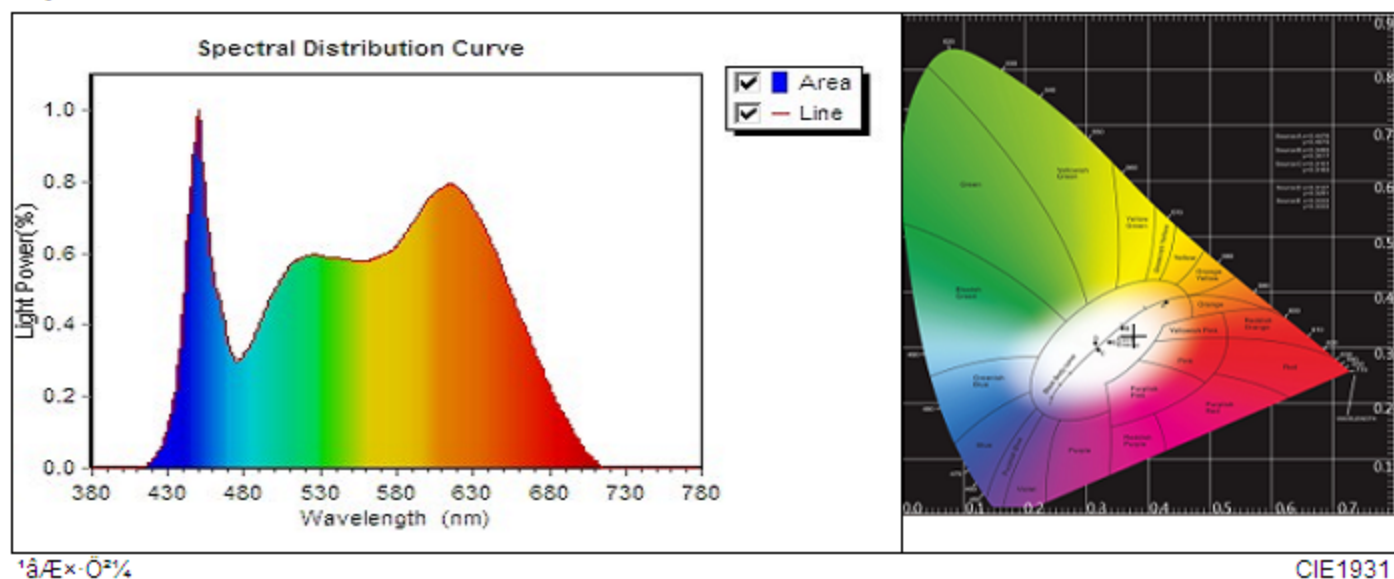
Test date. : 2024-09-20
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 39445 (60.2%)
Integral time. : 70ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3718$ $y=0.3620$ $u=0.2253$ $v=0.3291$ ($duv=-0.0045$)
Color temperature: $TC=4140$ K Color difference: $SDCM=6.9$ Main Wavelength: $\lambda_d=482.09$ nm Purity: $Purity=0.2$
Peak wavelength: $\lambda_p=449.4$ nm FWHM: $\Delta\lambda_p=21.3$ nm Color ratio: $R=22.26\%$ $G=73.55\%$ $B=4.19\%$

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

$R1=97.3$ $R2=98.2$ $R3=98.0$ $R4=96.2$ $R5=98.1$ $R6=94.6$ $R7=95.0$ $R8=91.6$
 $R9=79.4$ $R10=97.9$ $R11=91.6$ $R12=82.8$ $R13=97.1$ $R14=98.2$ $R15=98.5$

Optical Parameter

Luminous flux: 3382.396 lm luminous efficiency: 83.72 lm/w Radiant flux: 11.0384 W

Electrical Parameter

Voltage: 230.5 V Current: 0.181 A Watts: 40.40 W Power factor: 0.967

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