



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO
Product No. : BPT-PS40W-SQUARE-N-4K
Manufacturer : BLED

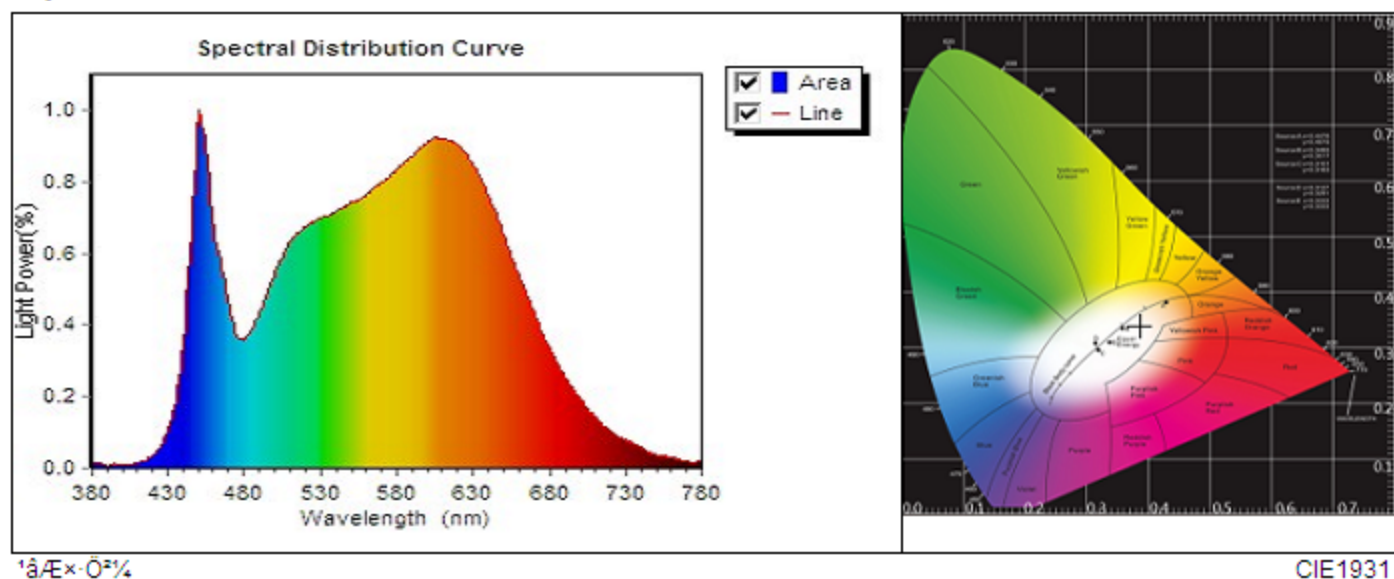
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 53825 (82.1%)
Integral time. : 99ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3826$ $y=0.3784$ $u=0.2259$ $v=0.3351$ ($duv=0.0002$)
Color temperature: $TC=3954$ K Color difference: $SDCM=2.3$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.164$
Peak wavelength: $\lambda_p=451.4$ nm FWHM: $\Delta\lambda_p=24.4$ nm Color ratio: $R=21.37\%$ $G=74.84\%$ $B=3.79\%$

Color rendering index (Ra): $Ra=92.7$

$R1=93.0$ $R2=96.4$ $R3=98.0$ $R4=92.9$ $R5=92.5$ $R6=94.1$ $R7=92.3$ $R8=82.0$
 $R9=55.6$ $R10=90.7$ $R11=94.0$ $R12=73.7$ $R13=94.7$ $R14=98.9$ $R15=89.0$

Optical Parameter

Luminous flux: 3891.64 lm luminous efficiency: 97.05 lm/w Radiant flux: 12.7337 W

Electrical Parameter

Voltage: 230.8 V Current: 0.176 A Watts: 40.10 W Power factor: 0.986

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