



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO
Product No. : BPT-40W-CCT-N (BC)
Manufacturer : BLED

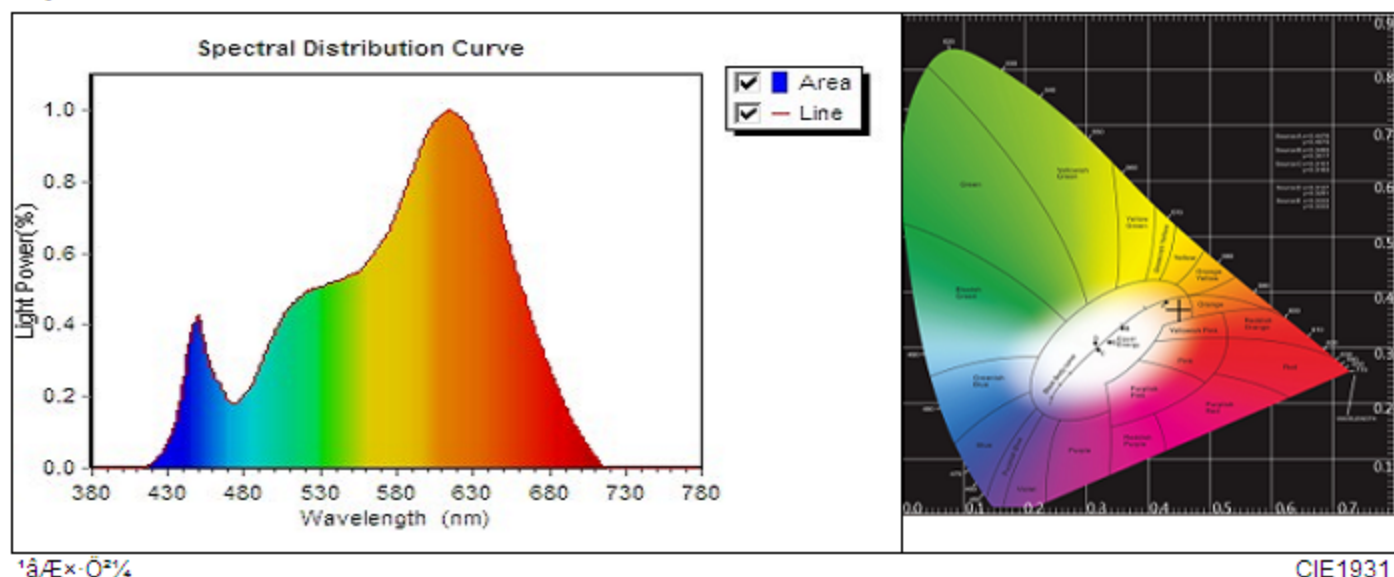
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 37492 (57.2%)
Integral time. : 73ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4432$ $y=0.4045$ $u=0.2545$ $v=0.3483$ ($duv=-0.0007$)
Color temperature: $TC=2900$ K Color difference: $SDCM=1.7$ Main Wavelength: $\lambda_d=481.1$ nm Purity: $Purity=0.012$
Peak wavelength: $\lambda_p=614.6$ nm FWHM: $\Delta\lambda_p=137.3$ nm Color ratio: $R=27.25\%$ $G=70.26\%$ $B=2.50\%$

Color rendering index (Ra): $Ra=92.9$

$R1=94.8$ $R2=98.5$ $R3=97.2$ $R4=96.2$ $R5=96.0$ $R6=96.1$ $R7=88.6$ $R8=75.6$
 $R9=46.1$ $R10=96.8$ $R11=97.1$ $R12=92.1$ $R13=97.1$ $R14=99.2$ $R15=86.9$

Optical Parameter

Luminous flux: 2941.986 lm luminous efficiency: 69.55 lm/w Radiant flux: 9.1153 W

Electrical Parameter

Voltage: 230.7 V Current: 0.185 A Watts: 42.30 W Power factor: 0.989

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