



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TRACKLIGHT
Product No. : BPT-40W-CCT-B (3000K)
Manufacturer : BLED

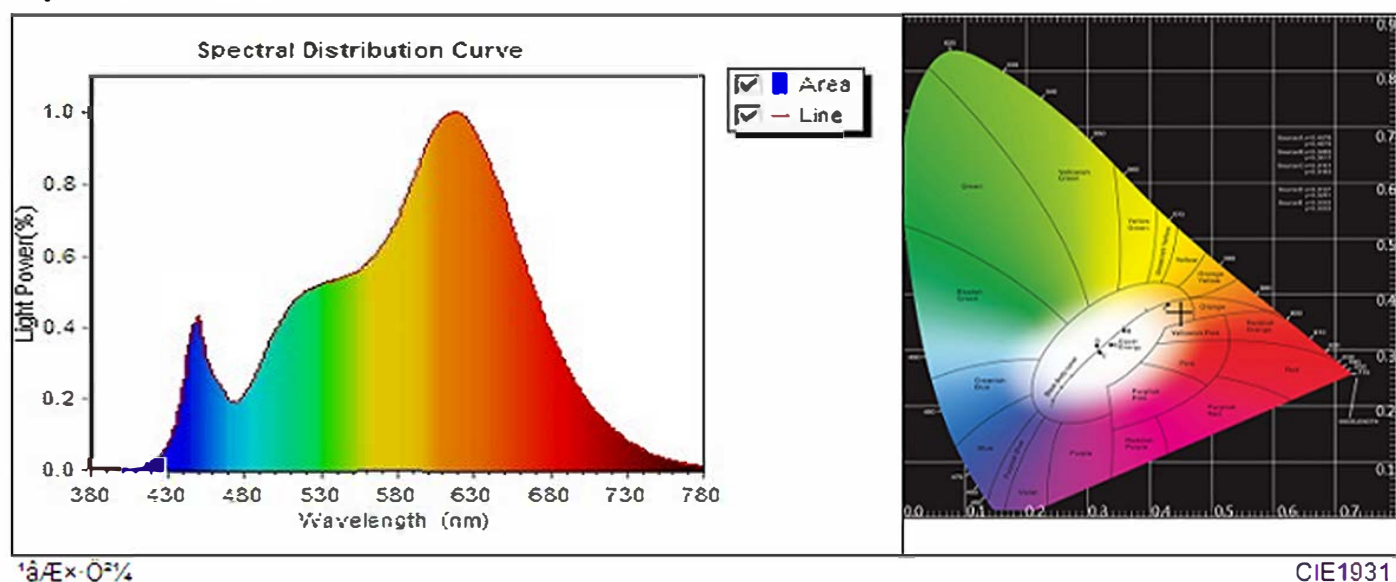
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 32093 (49.0%)
Integral time. : 70ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4422$ $y=0.4035$ $u=0.2542$ $v=0.3480$ ($duv=-0.0009$)
Color temperature: TC=2909 K Color difference: SDCM=1.2 Main Wavelength: $\lambda_d=481\text{nm}$ Purity: Purity=0.015
Peak wavelength: $\lambda_p=618.5\text{ nm}$ FWHM: $\Delta\lambda_p=151.0\text{ nm}$ Color ratio: R=27.41% G=70.01% B=2.58%

Color rendering index (Ra): Ra=95.1

R1=97.6 R2=99.4 R3=98.1 R4=98.1 R5=98.6 R6=95.5 R7=91.3 R8=82.0
R9=60.1 R10=99.1 R11=94.8 R12=93.4 R13=99.2 R14=99.4 R15=91.1

Optical Parameter

Luminous flux: 2811.262 lm Luminous efficiency: 71.72 lm/w Radiant flux: 9.4286 W

Electrical Parameter

Voltage: 230.6 V Current: 0.17 A Watto: 39.20 W Power factor: 0.962

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