



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TRACKLIGHT
Product No. : BPM-10W-CCT-B (3000K)
Manufacturer : BLED

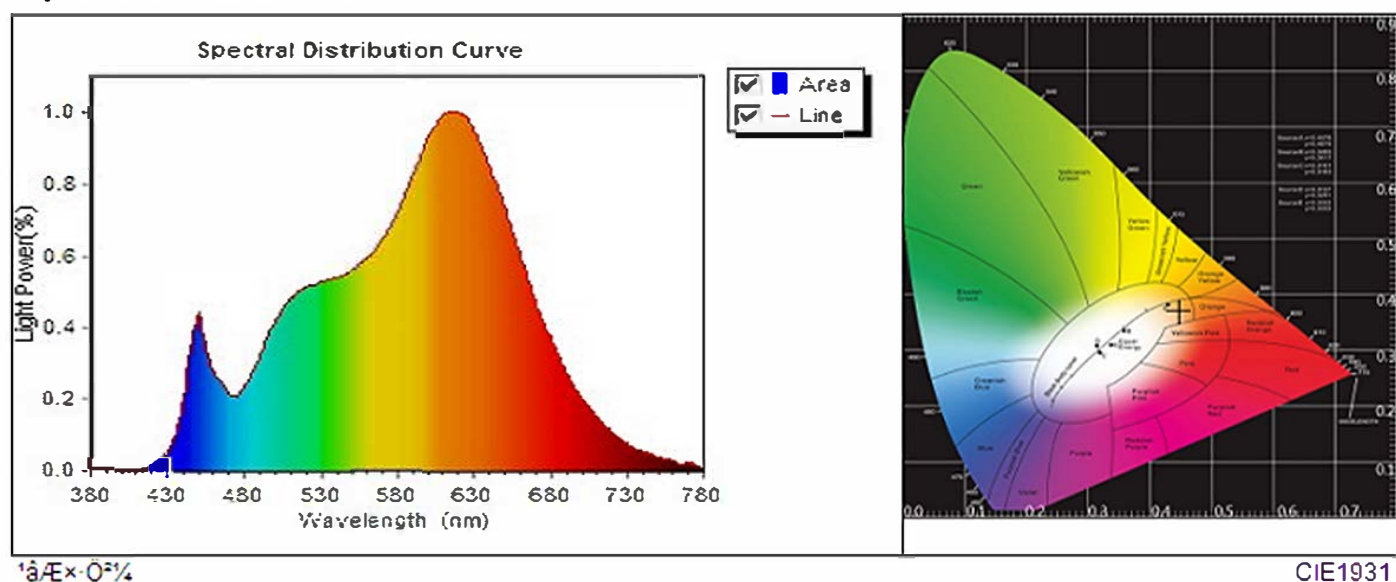
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 44442 (67.8%)
Integral time. : 354ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4413$ $y=0.4067$ $u=0.2522$ $v=0.3487$ ($duv=0.0005$)
Color temperature: TC=2950 K Color difference: SDCM=1.6 Main Wavelength: $\lambda_d=489\text{nm}$ Purity: Purity=0.015
Peak wavelength: $\lambda_p=617.1\text{nm}$ FWHM: $\Delta\lambda_p=153.3\text{nm}$ Color ratio: R=26.98% G=70.31% B=2.71%

Color rendering index (Ra): Ra=94.6

R1=96.8 R2=99.6 R3=97.1 R4=98.3 R5=97.9 R6=95.6 R7=90.7 R8=80.5
R9=57.0 R10=99.5 R11=96.5 R12=91.4 R13=98.8 R14=98.9 R15=89.8

Optical Parameter

Luminous flux: 764.111 lm luminous efficiency: 74.19 lm/w Radiant flux: 2.5181 W

Electrical Parameter

Voltage: 230.6 V Current: 0.051 A Watts: 10.30 W Power factor: 0.872

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