



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : TRACKLIGHT
Product No. : BPM-10W-CCT-N (6000K)
Manufacturer : BLED

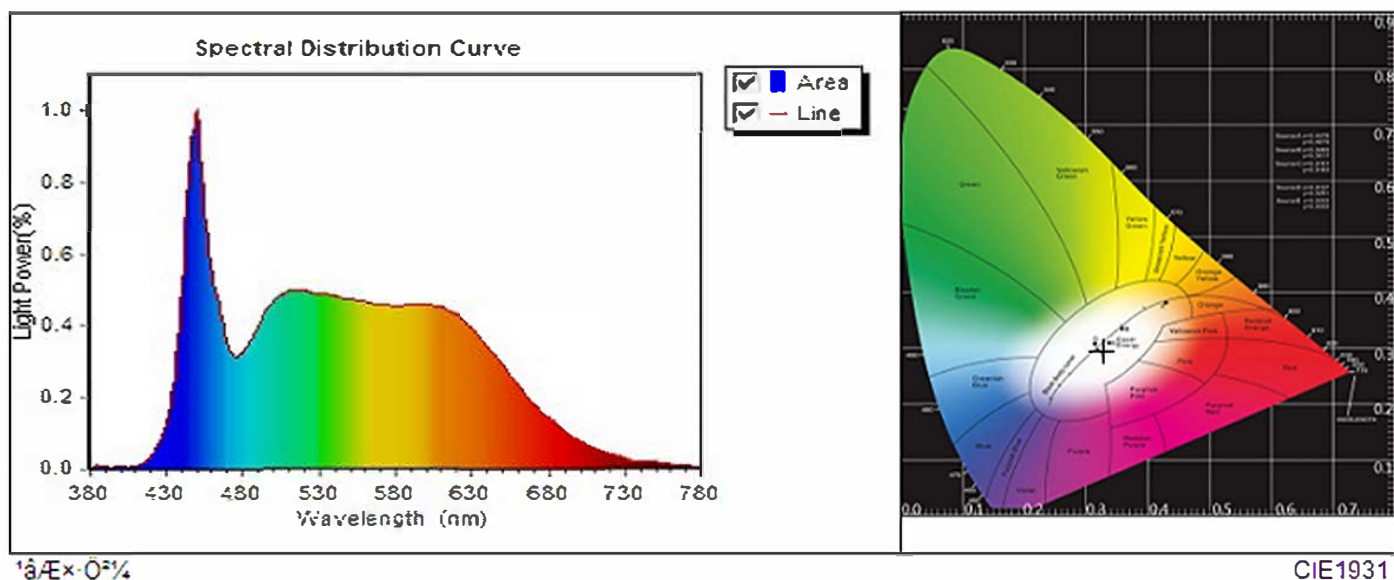
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 52377 (79.9%)
Integral time. : 278ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3216$ $y=0.3376$ $u=0.2007$ $v=0.3161$ ($duv=0.0032$)

Color temperature: TC=6006 K Color difference: SDCM=1.2 Main Wavelength: $\lambda_d=483.03\text{nm}$ Purity: Purity=0.328

Peak wavelength: $\lambda_p=448.8\text{ nm}$ FWHM: $\Delta\lambda_p=22.0\text{ nm}$ Color ratio: R=16.82% G=77.53% B=5.65%

Color rendering index (Ra): Ra=93.9

R1=94.4 R2=96.1 R3=96.8 R4=95.2 R5=94.7 R6=93.4 R7=94.2 R8=86.4

R9=60.6 R10=90.8 R11=95.3 R12=77.4 R13=95.6 R14=98.5 R15=91.4

Optical Parameter

Luminous flux: 818.442 lm luminous efficiency: 81.03 lm/w Radiant flux: 2.7836 W

Electrical Parameter

Voltage: 230.5 V Current: 0.049 A Watts: 10.10 W Power factor: 0.877

MEASUREFINE

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