



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. : BPT-40W-CCT-B (6500K)
Manufacturer : BLED

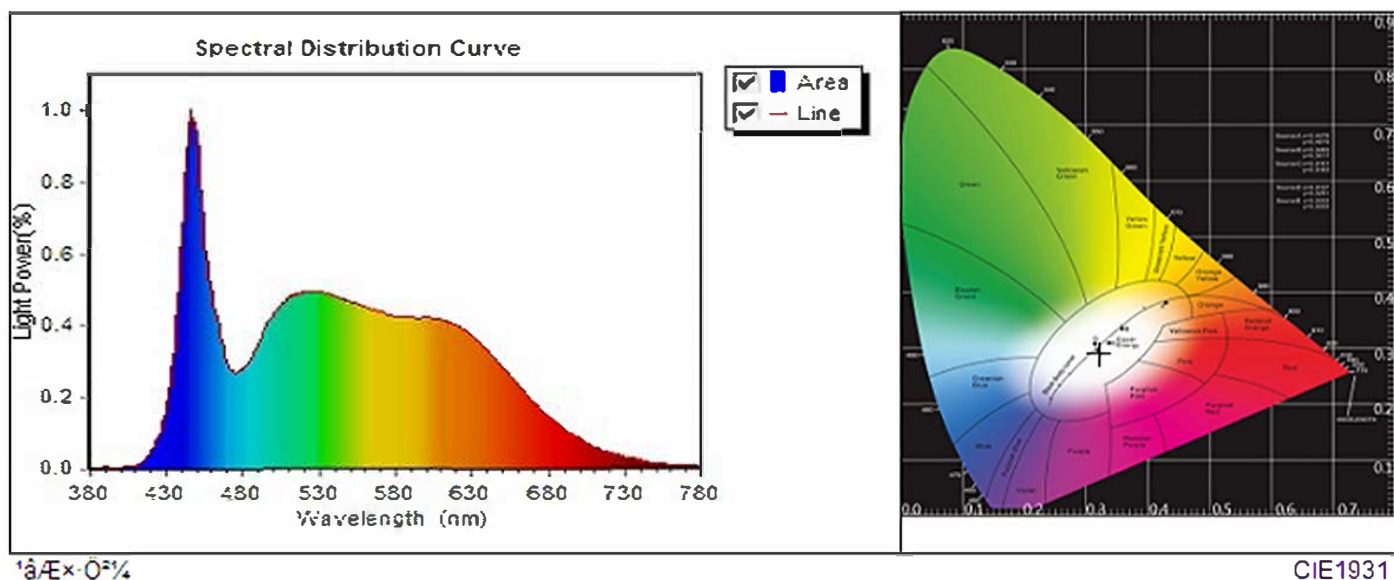
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 52252 (79.7%)
Integral time. : 70ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3169$ $y=0.3332$ $u=0.1992$ $v=0.3141$ ($duv=0.0033$)

Color temperature: TC=6258 K Color difference: SDCM=3.3 Main Wavelength: $\lambda_d=483.08\text{nm}$ Purity: Purity=0.343

Peak wavelength: $\lambda_p=446.7\text{ nm}$ FWHM: $\lambda_p=21.2\text{ nm}$ Color ratio: R=16.40% G=78.28% B=5.32%

Color rendering index (Ra): Ra=92.1

R1=93.7 R2=93.0 R3=91.7 R4=92.6 R5=93.6 R6=90.1 R7=93.3 R8=88.6

R9=64.2 R10=83.3 R11=92.2 R12=75.4 R13=93.7 R14=95.5 R15=91.5

Optical Parameter

Luminous flux: 3193.278 lm luminous efficiency: 81.88 lm/w Radiant flux: 10.9914 W

Electrical Parameter

Voltage: 230.7 V Current: 0.172 A Watts: 39.6 W Power factor: 0.962

MEASUREFINE

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