



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TRACKLIGHT
Product No. : BPT-40W-CCT-B (4000K)
Manufacturer : BLED

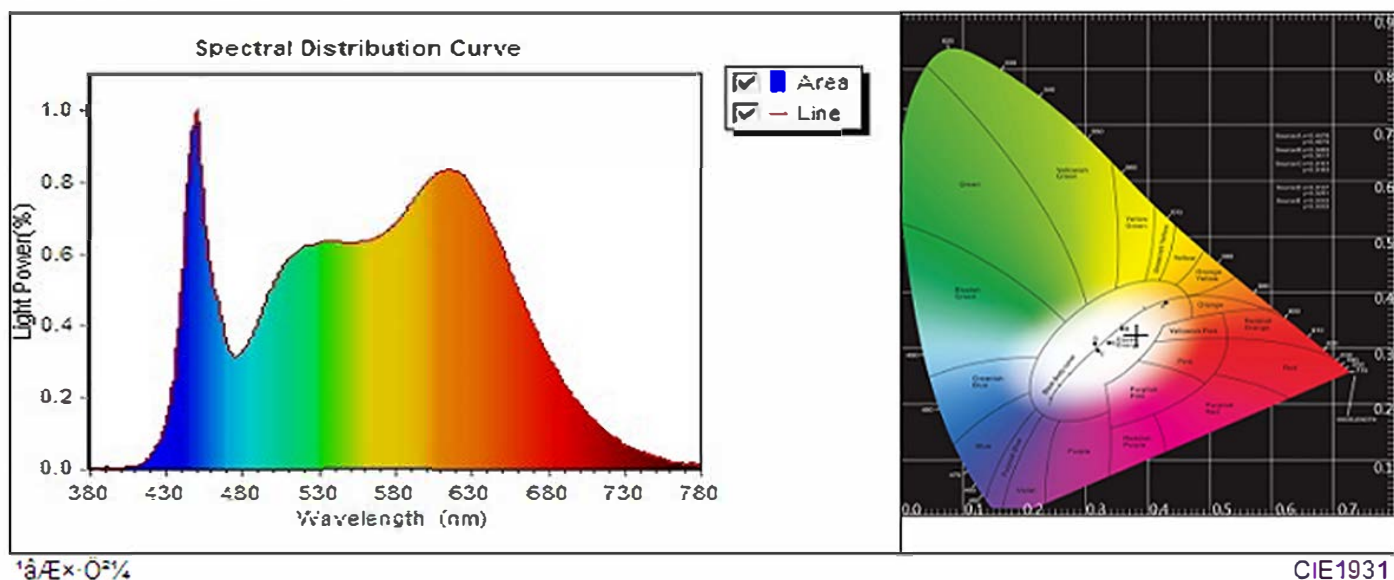
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 34658 (52.9%)
Integral time. : 70ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3751$ $y=0.3643$ $u=0.2266$ $v=0.3301$ ($duv=-0.0044$)
Color temperature: TC=4058 K Color difference: SDCM=6.4 Main Wavelength: $\lambda_c=482.03\text{nm}$ Purity: Purity=0.19
Peak wavelength: $\lambda_p=448.6\text{nm}$ FWHM: $\Delta\lambda_p=21.2\text{nm}$ Color ratio: R=22.21% G=73.78% B=4.01%

Color rendering index (Ra): Ra=96.5

R1=98.4 R2=98.5 R3=97.1 R4=96.2 R5=99.3 R6=95.5 R7=95.1 R8=91.6
R9=78.8 R10=97.2 R11=93.0 R12=83.7 R13=98.4 R14=97.8 R15=97.8

Optical Parameter

Luminous flux: 3108.541 lm luminous efficiency: 81.8 lm/w Radiant flux: 10.6071 W

Electrical Parameter

Voltage: 230.6 V Current: 0.165 A Watts: 38.00 W Power factor: 0.961

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