



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LINEAR TRACKLIGHT
Product No. : BLT-40W60-CCT-B (5000K)
Manufacturer : BLED

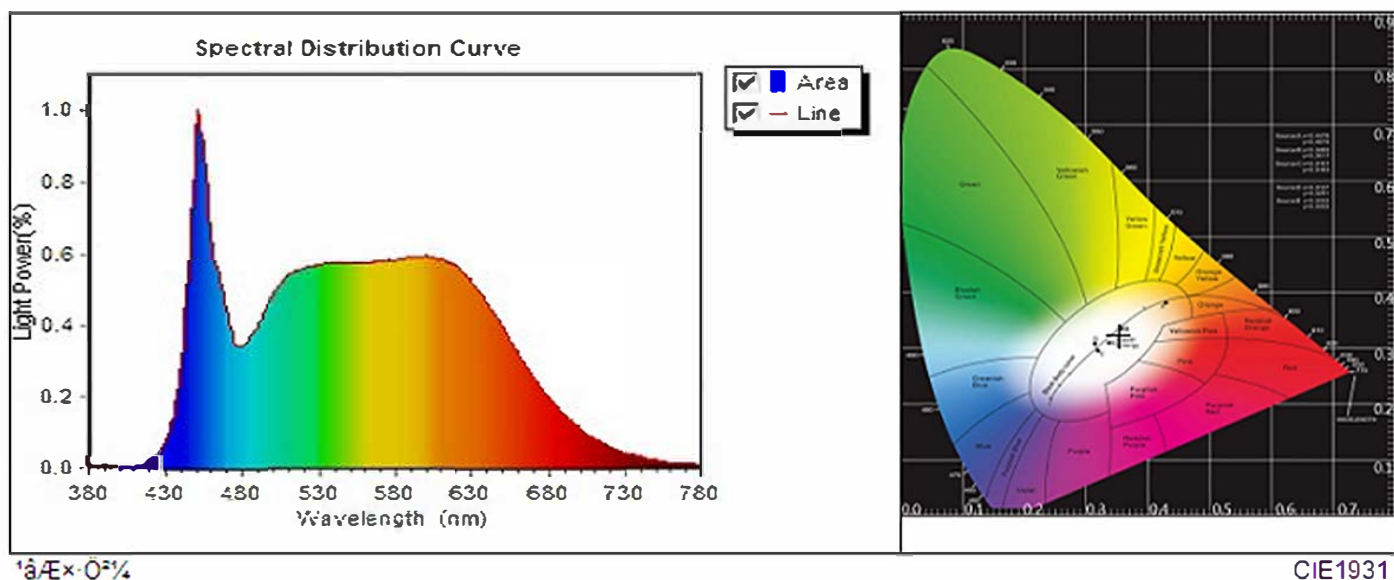
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 53174 (81.1%)
Integral time. : 56ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3473$ $y=0.3632$ $u=0.2085$ $v=0.3270$ ($duv=0.0048$)

Color temperature: TC=4960 K Color difference: SDCM=1.5 Main Wavelength: $\lambda_c=485.03\text{nm}$ Purity: Purity=0.254

Peak wavelength: $\lambda_p=451.3\text{nm}$ FWHM: $\Delta\lambda_p=22.6\text{nm}$ Color ratio: R=18.16% G=77.02% B=4.82%

Color rendering index (Ra): Ra=91.4

R1=90.9 R2=95.2 R3=98.2 R4=89.9 R5=89.9 R6=92.4 R7=92.6 R8=81.7

R9=51.5 R10=88.6 R11=91.1 R12=65.8 R13=93.0 R14=99.3 R15=86.4

Optical Parameter

Luminous flux: 5038.074 lm Luminous efficiency: 127.22 lm/w Radiant flux: 16.4955 W

Electrical Parameter

Voltage: 230.7 V Current: 0.172 A Watts: 39.60 W Power factor: 0.968

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