



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LINEAR TRACKLIGHT
Product No. : BLT-40W60-CCT-N (3000K)
Manufacturer : BLED

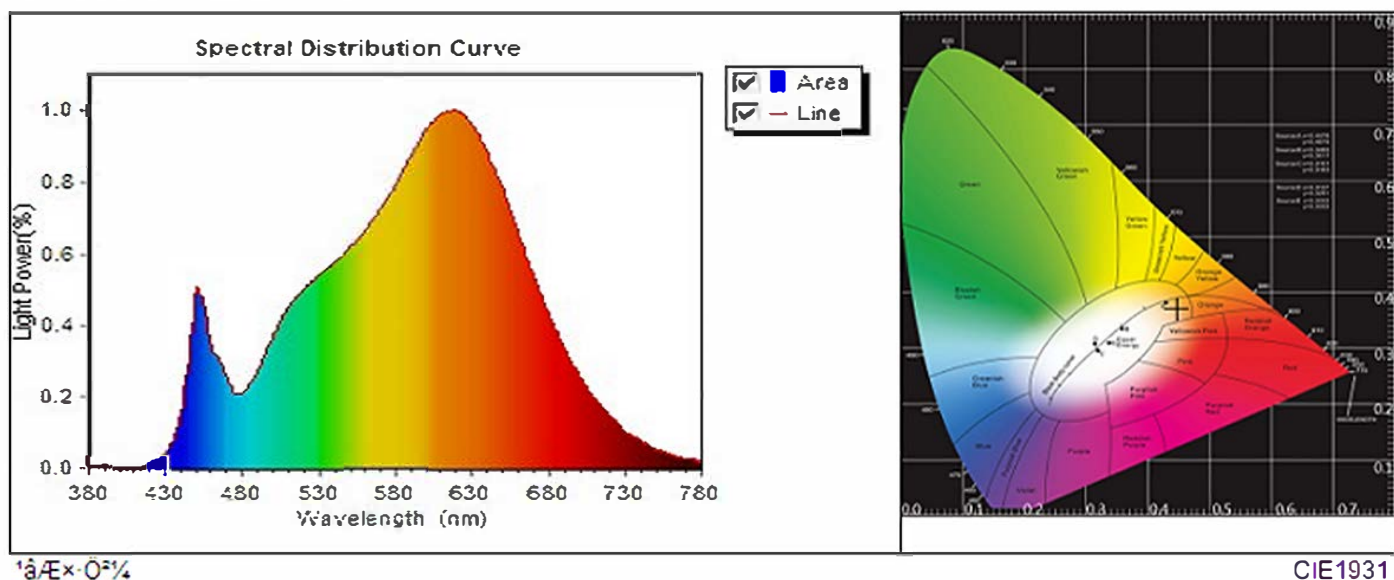
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 51472 (78.5%)
Integral time. : 71ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4410$ $y=0.4072$ $u=0.2518$ $v=0.3488$ ($duv=0.0007$)
Color temperature: TC=2959 K Color difference: SDCM=1.9 Main Wavelength: $\lambda_d=490.02\text{nm}$ Purity: Purity=0.016
Peak wavelength: $\lambda_p=618.9\text{ nm}$ FWHM: $\lambda_p=154.8\text{ nm}$ Color ratio: R=26.10% G=71.43% B=2.47%

Color rendering index (Ra): Ra=92

R1=91.9 R2=96.1 R3=98.9 R4=92.2 R5=91.8 R6=95.7 R7=90.6 R8=78.1
R9=50.6 R10=90.5 R11=93.8 R12=80.2 R13=93.6 R14=99.2 R15=86.6

Optical Parameter

Luminous flux: 4652.419 lm luminous efficiency: 116.6 lm/w Radiant flux: 15.5092 W

Electrical Parameter

Voltage: 230.7 V Current: 0.175 A Watts: 39.90 W Power factor: 0.967

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