



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : CCT LINEAR TRACKLIGHT
Product No. : BLT-20W-60-CCT-N (3000K)
Manufacturer : BLED

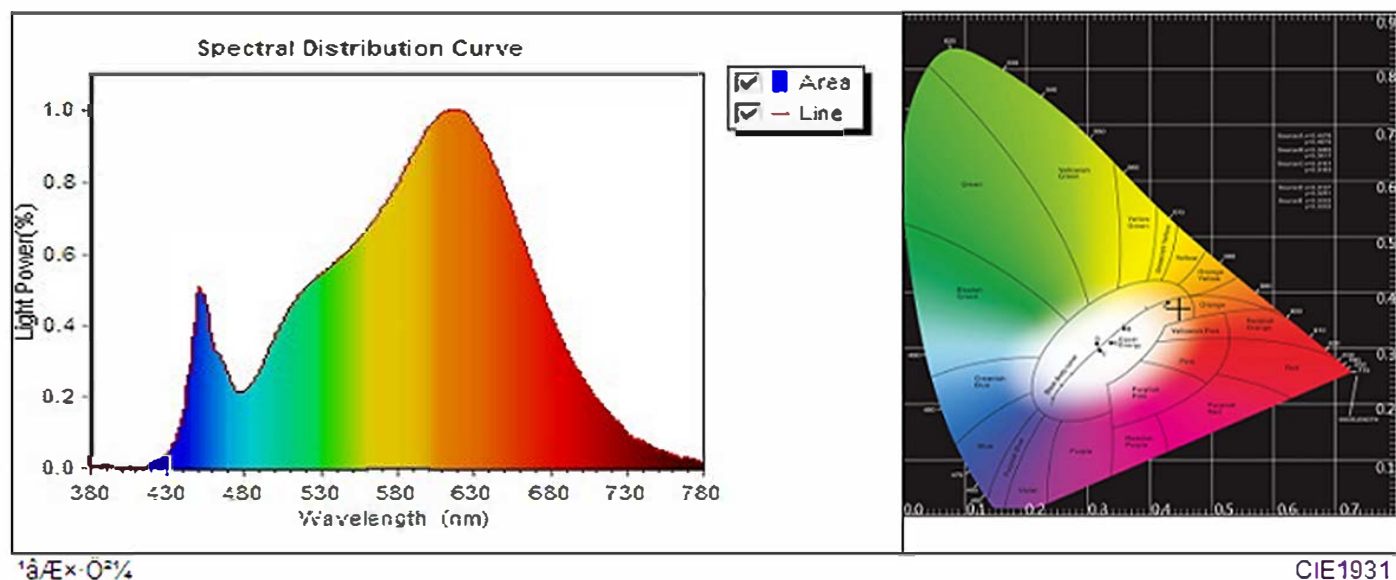
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 39071 (59.6%)
Integral time. : 104ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4406$ $y=0.4071$ $u=0.2517$ $v=0.3487$ ($duv=0.0007$)
Color temperature: TC=2963 K Color difference: SDCM=1.9 Main Wavelength: $\lambda_d=490.06\text{nm}$ Purity: Purity=0.017
Peak wavelength: $\lambda_p=618.2\text{nm}$ FWHM: $\Delta\lambda_p=155.3\text{nm}$ Color ratio: R=26.06% G=71.46% B=2.48%

Color rendering index (Ra): Ra=91.9

R1=91.8 R2=96.1 R3=98.9 R4=92.0 R5=91.7 R6=95.7 R7=90.4 R8=77.8
R9=50.1 R10=90.5 R11=93.6 R12=80.0 R13=93.5 R14=99.3 R15=86.4

Optical Parameter

Luminous flux: 2354.34 lm luminous efficiency: 118.91 lm/w Radiant flux: 7.8366 W

Electrical Parameter

Voltage: 230.6 V Current: 0.092 A Watts: 19.80 W Power factor: 0.933

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