



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

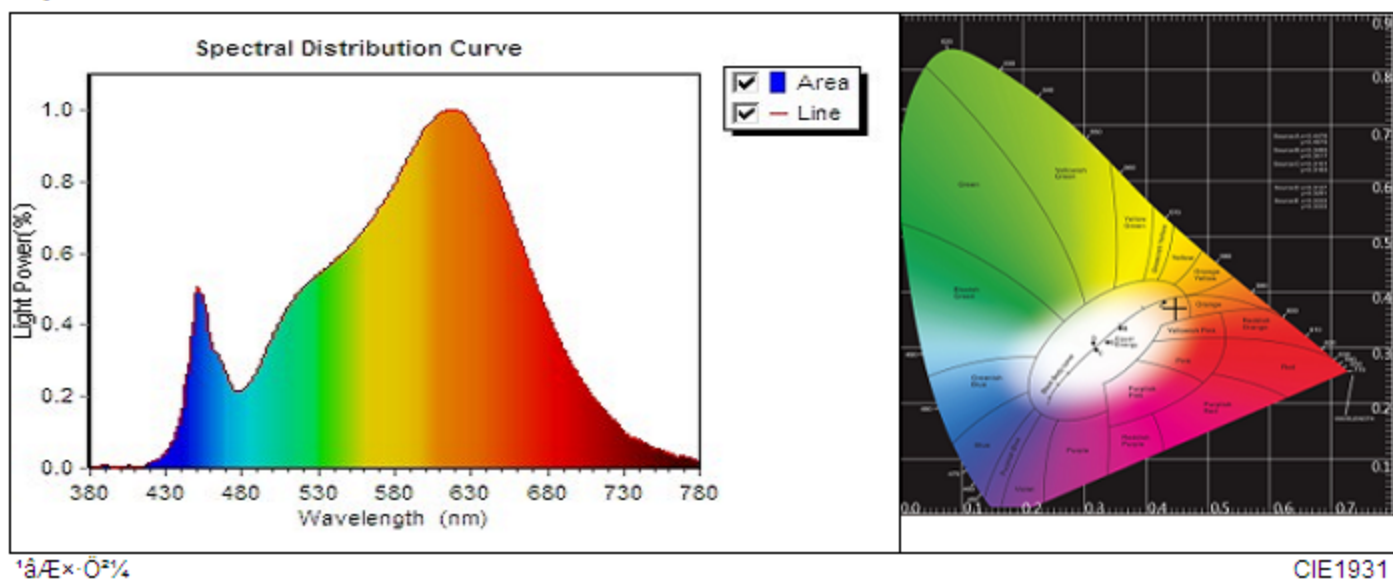
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

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: $\lambda_d=490.06$ nm Purity: $Purity=0.017$
Peak wavelength: $\lambda_p=618.2$ nm FWHM: $\Delta\lambda_p=155.3$ 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>