



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LINEAR TRACKLIGHT
Product No. : BLT-40W60-CCT-B (4000K)
Manufacturer : BLED

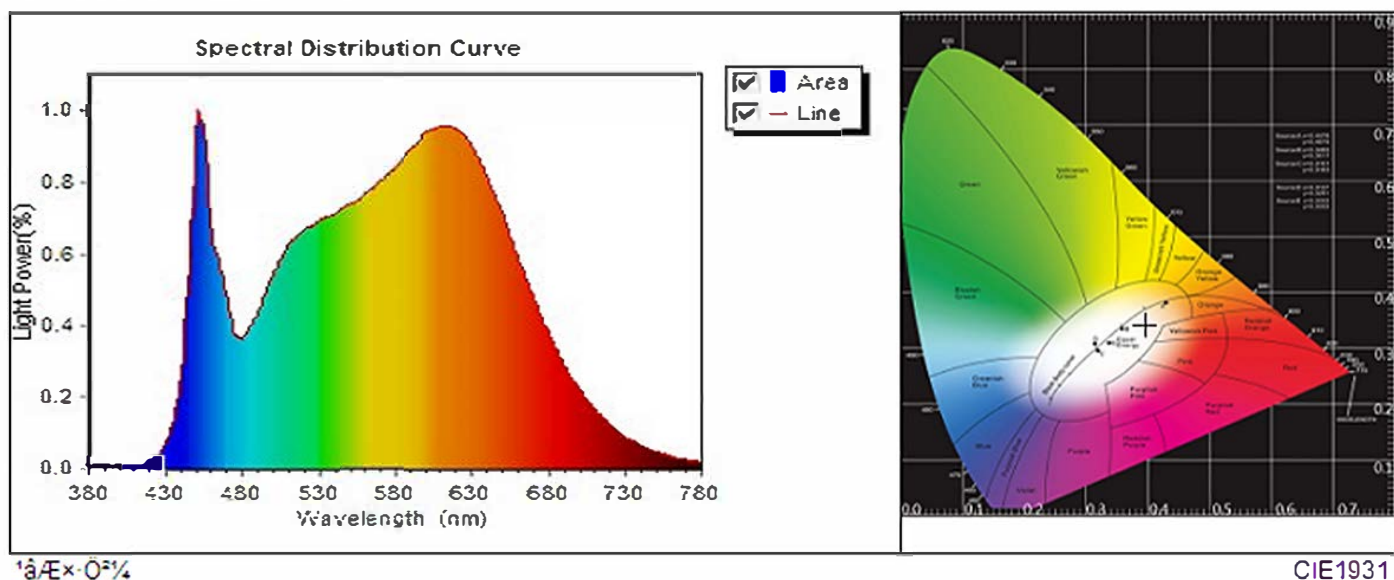
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 50548 (77.1%)
Integral time. : 71ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3893$ $y=0.3811$ $u=0.2292$ $v=0.3365$ ($duv=-0.0004$)
Color temperature: $TC=3801$ K Color difference: $SDCM=5.5$ Main Wavelength: $\lambda_c=484.06$ nm Purity: $Purity=0.147$
Peak wavelength: $\lambda_p=452.0$ nm FWHM: $\Delta\lambda_p=23.8$ nm Color ratio: $R=22.15\%$ $G=74.08\%$ $B=3.77\%$

Color rendering index (Ra): $Ra=93.9$

$R1=94.7$ $R2=97.9$ $R3=98.5$ $R4=93.9$ $R5=94.0$ $R6=95.4$ $R7=92.4$ $R8=83.8$
 $R9=61.9$ $R10=94.1$ $R11=95.5$ $R12=74.7$ $R13=96.4$ $R14=99.5$ $R15=90.9$

Optical Parameter

Luminous flux: 4917.737 lm luminous efficiency: 126.1 lm/w Radiant flux: 16.3384 W

Electrical Parameter

Voltage: 230.7 V Current: 0.173 A Watts: 39.00 W Power factor: 0.968

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