



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : LINEAR LIGHT LED
Product No. : B8501-60CCT_NW
Manufacturer : BLED

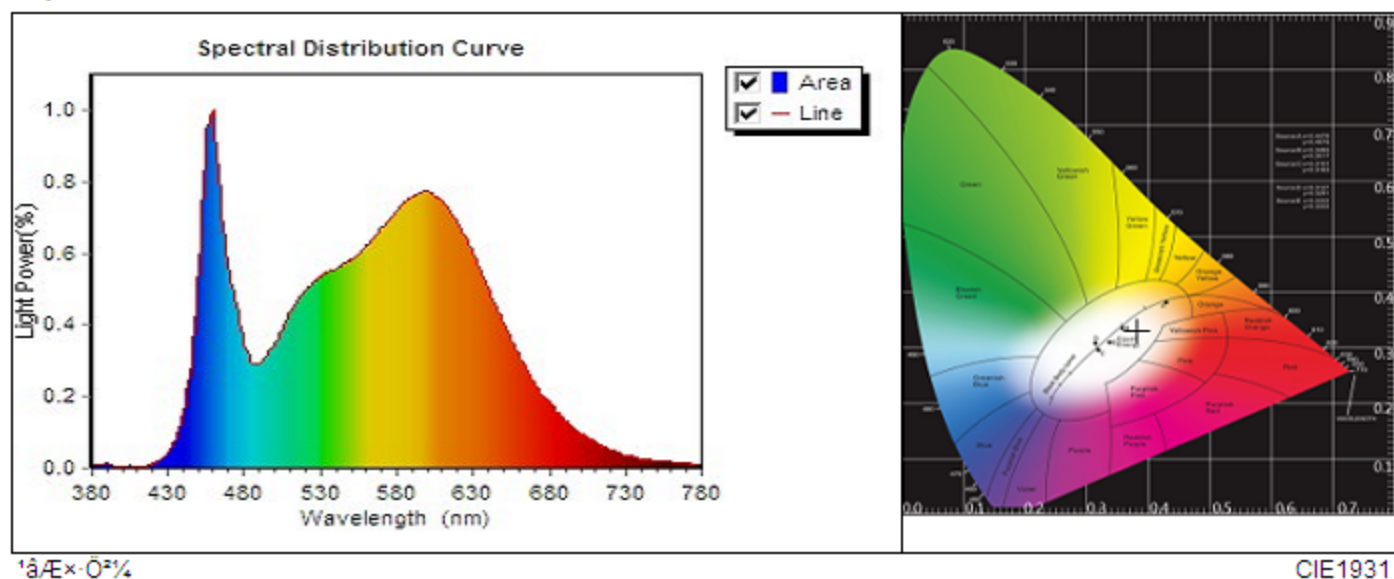
Test date. : 2023-10-27
Test equipment: SPEC2000A Spectrometer
Operator. : SLSPA06220130505

Test Condition

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

Humidity : 65%
Peak AD. : 51719 (78.9%)
Integral time. : 120ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3772$ $y=0.3701$ $u=0.2256$ $v=0.3321$ ($duv=-0.0022$)
Color temperature: $TC=4042$ K Color difference: $SDCM=4.1$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.182$
Peak wavelength: $\lambda_p=458.3$ nm FWHM: $\Delta\lambda_p=22.9$ nm Color ratio: $R=20.60\%$ $G=75.22\%$ $B=4.18\%$

Color rendering index (Ra): $Ra=86.2$

$R1=87.3$ $R2=96.5$ $R3=94.4$ $R4=81.9$ $R5=85.8$ $R6=91.9$ $R7=83.8$ $R8=67.7$
 $R9=24.8$ $R10=89.4$ $R11=81.9$ $R12=63.3$ $R13=91.2$ $R14=98.1$ $R15=81.8$

Optical Parameter

Luminous flux: 2222.848 lm luminous efficiency: 120.81 lm/w Radiant flux: 6.9391 W

Electrical Parameter

Voltage: 230.5 V Current: 0.084 A Watts: 18.40 W Power factor: 0.943

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