



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED BATTEN CCT
Product No. : B8596-CCT-60_NW
Manufacturer : BLED

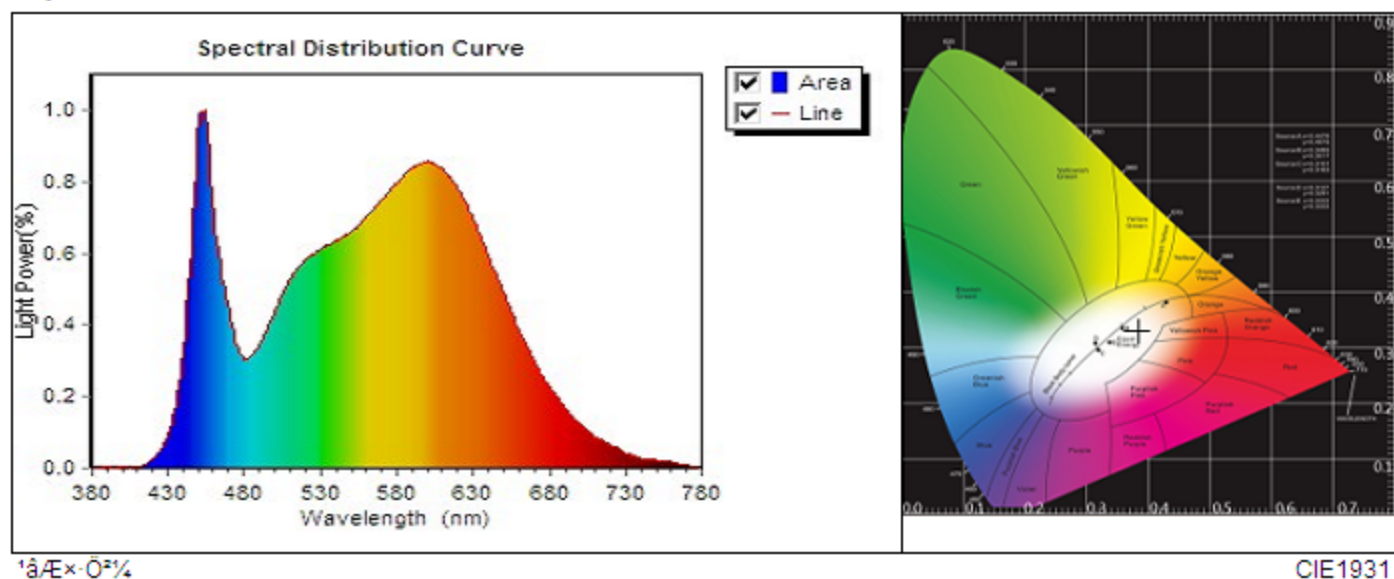
Test date. : 2023-07-18
Test equipment: SPEC2000A Spectrometer
Operator. : LG23193

Test Condition

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

Humidity : 65%
Peak AD. : 41025 (62.6%)
Integral time. : 104ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3778$ $y=0.3702$ $u=0.2260$ $v=0.3322$ ($duv=-0.0023$)
Color temperature: $TC=4025$ K Color difference: $SDCM=4.2$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.18$
Peak wavelength: $\lambda_p=452.7$ nm FWHM: $\Delta\lambda_p=22.7$ nm Color ratio: $R=20.71\%$ $G=75.53\%$ $B=3.76\%$

Color rendering index (Ra): $Ra=88.1$

$R1=88.0$ $R2=94.4$ $R3=96.6$ $R4=86.9$ $R5=87.7$ $R6=90.8$ $R7=87.7$ $R8=72.0$
 $R9=31.1$ $R10=85.6$ $R11=87.3$ $R12=67.7$ $R13=90.6$ $R14=98.8$ $R15=83.1$

Optical Parameter

Luminous flux: 2409.569 lm luminous efficiency: 123.57 lm/w Radiant flux: 7.574 W

Electrical Parameter

Voltage: 230.4 V Current: 0.086 A Watts: 19.50 W Power factor: 0.975

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