



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

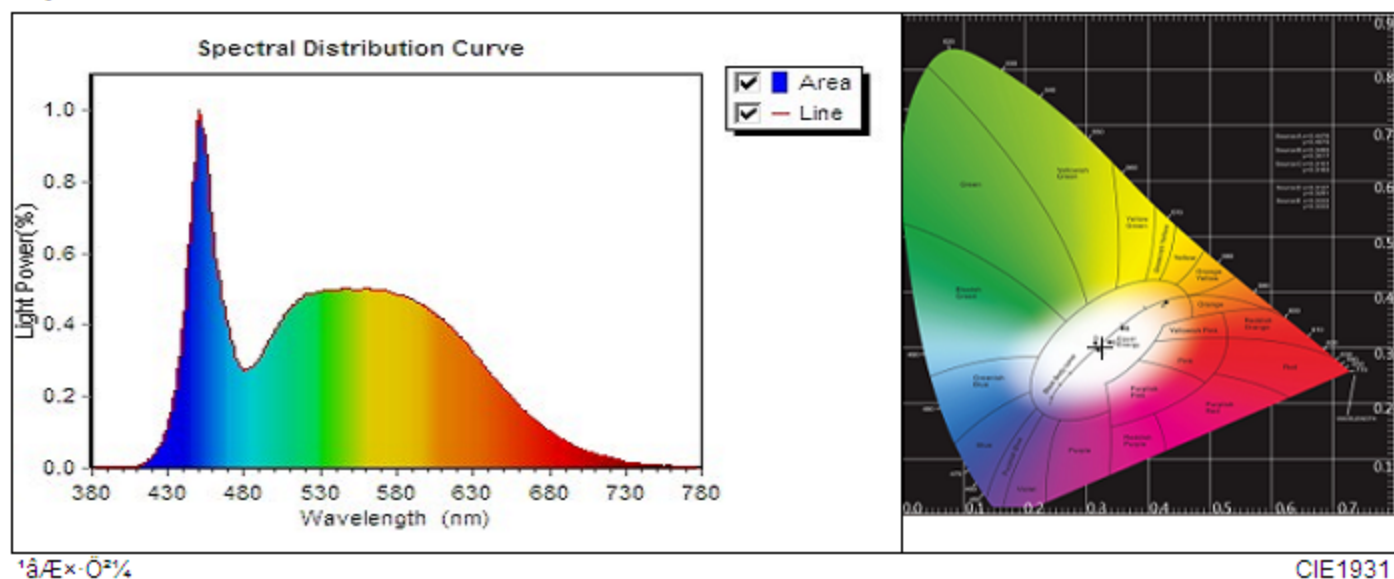
Test date. : 2023-07-18
Test equipment: SPEC2000A Spectrometer
Operator. : LG23193

Test Condition

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

Humidity : 65%
Peak AD. : 53698 (81.9%)
Integral time. : 104ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3189$ $y=0.3416$ $u=0.1974$ $v=0.3172$ ($duv=0.0065$)
Color temperature: $TC=6120$ K Color difference: $SDCM=3.6$ Main Wavelength: $\lambda_d=484.04$ nm Purity: $Purity=0.332$
Peak wavelength: $\lambda_p=451.3$ nm FWHM: $\Delta\lambda_p=22.4$ nm Color ratio: $R=15.05\%$ $G=79.83\%$ $B=5.12\%$

Color rendering index (Ra): $Ra=85$

$R1=82.9$ $R2=89.2$ $R3=93.3$ $R4=84.3$ $R5=83.5$ $R6=84.7$ $R7=89.5$ $R8=72.0$
 $R9=15.6$ $R10=74.4$ $R11=83.8$ $R12=61.3$ $R13=85.5$ $R14=96.6$ $R15=78.0$

Optical Parameter

Luminous flux: 2279.09 lm luminous efficiency: 114.53 lm/w Radiant flux: 7.3017 W

Electrical Parameter

Voltage: 230.5 V Current: 0.088 A Watts: 19.90 W Power factor: 0.979

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