



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED BATTEN CCT
Product No. : B8596-CCT-120_CW
Manufacturer : BLED

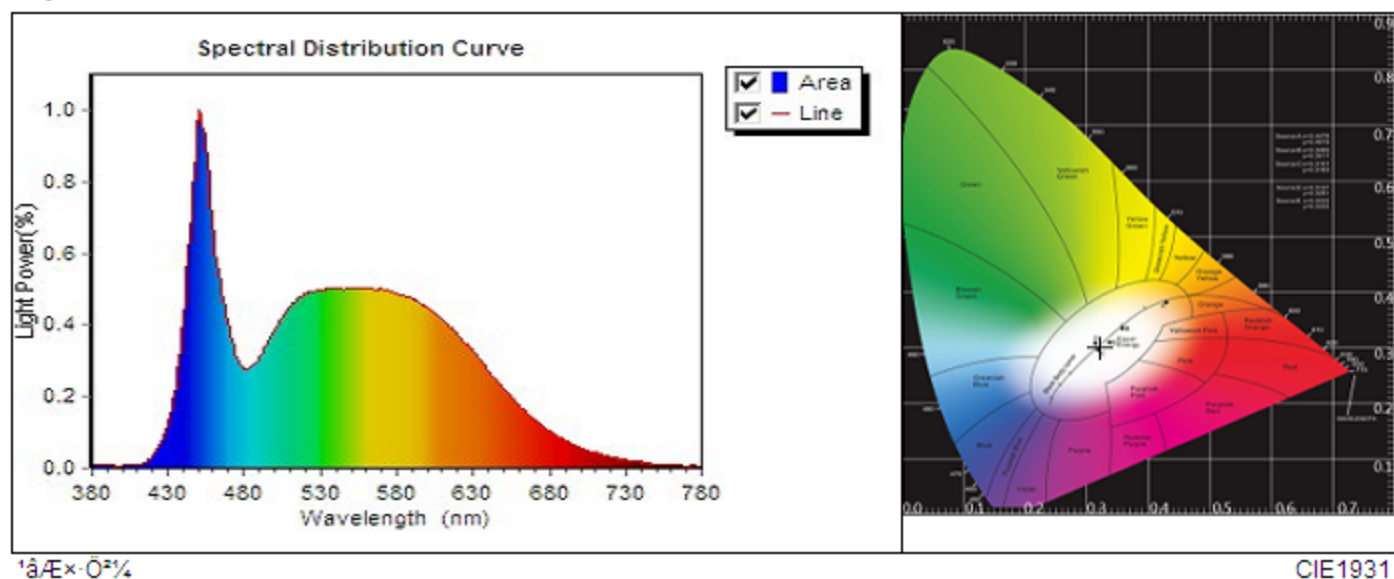
Test date. : 2023-07-18
Test equipment: SPEC2000A Spectrometer
Operator. : LG23193

Test Condition

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

Humidity : 65%
Peak AD. : 52486 (80.1%)
Integral time. : 50ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3183$ $y=0.3415$ $u=0.1971$ $v=0.3171$ ($duv=0.0068$)
Color temperature: $TC=6146$ K Color difference: $SDCM=3.8$ Main Wavelength: $\lambda_d=484.07$ nm Purity: $Purity=0.333$
Peak wavelength: $\lambda_p=451.3$ nm FWHM: $\Delta\lambda_p=22.4$ nm Color ratio: $R=14.99\%$ $G=79.87\%$ $B=5.14\%$

Color rendering index (Ra): $Ra=84.9$

$R1=82.8$ $R2=89.2$ $R3=93.3$ $R4=84.2$ $R5=83.4$ $R6=84.7$ $R7=89.5$ $R8=71.9$
 $R9=15.4$ $R10=74.4$ $R11=83.8$ $R12=61.2$ $R13=85.5$ $R14=96.7$ $R15=77.9$

Optical Parameter

Luminous flux: 4636.301 lm luminous efficiency: 115.91 lm/w Radiant flux: 14.9175 W

Electrical Parameter

Voltage: 230.5 V Current: 0.176 A Watte: 40.00 W Power factor: 0.982

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