



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : WALL LAMP
Product No. : LM113-30-BC
Manufacturer : BLED

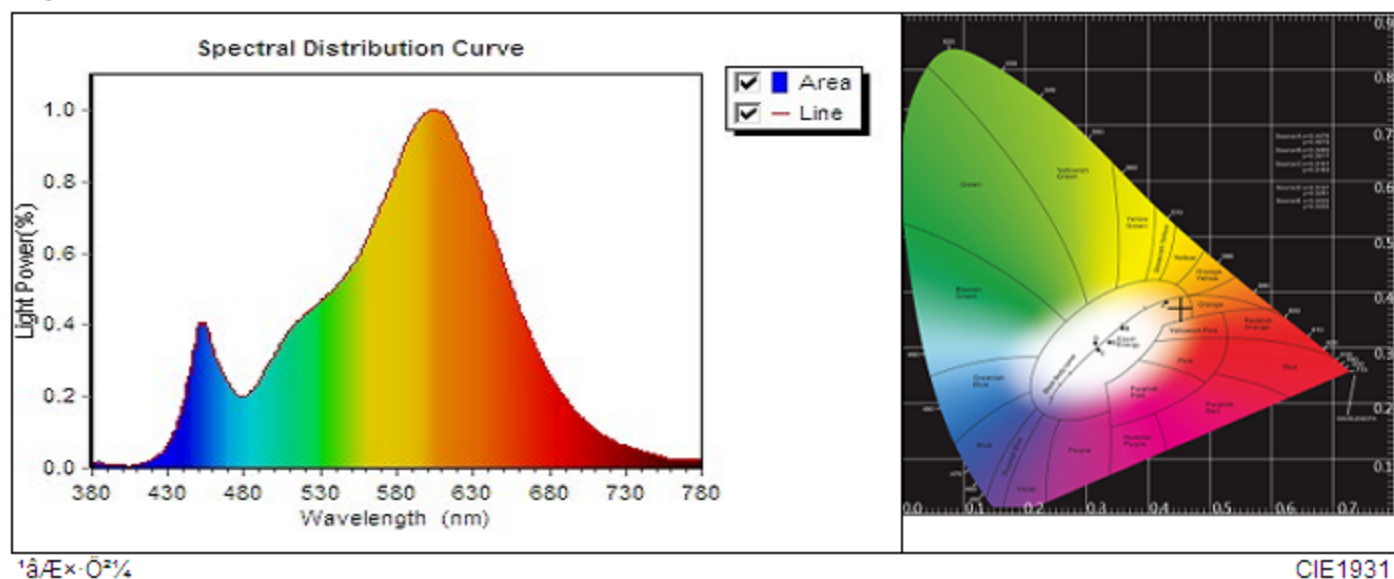
Test date. : 2023-06-08
Test equipment: SPEC2000A Spectrometer
Operator. : BL20221111HT

Test Condition

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

Humidity : 65%
Peak AD. : 50940 (77.7%)
Integral time. : 108ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4455$ $y=0.4069$ $u=0.2549$ $v=0.3492$ ($duv=0.0000$)
Color temperature: $TC=2883$ K Color difference: $SDCM=2.8$ Main Wavelength: $\lambda_d=487.04$ nm Purity: $Purity=0.005$
Peak wavelength: $\lambda_p=604.3$ nm FWHM: $\Delta\lambda_p=117.7$ nm Color ratio: $R=25.65\%$ $G=72.00\%$ $B=2.35\%$

Color rendering index (Ra): $Ra=82.9$

$R1=81.7$ $R2=92.6$ $R3=94.4$ $R4=80.9$ $R5=82.5$ $R6=92.2$ $R7=81.2$ $R8=57.0$
 $R9=5.4$ $R10=83.9$ $R11=81.2$ $R12=77.2$ $R13=85.3$ $R14=97.5$ $R15=73.2$

Optical Parameter

Luminous flux: 2737.357 lm luminous efficiency: 93.75 lm/w Radiant flux: 8.3722 W

Electrical Parameter

Voltage: 230.0 V Current: 0.226 A Watts: 29.20 W Power factor: 0.562

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