



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

Spectral test report for lamp

Product type : WALL LAMP
Product No. : LM113-20-BC
Manufacturer : BLED

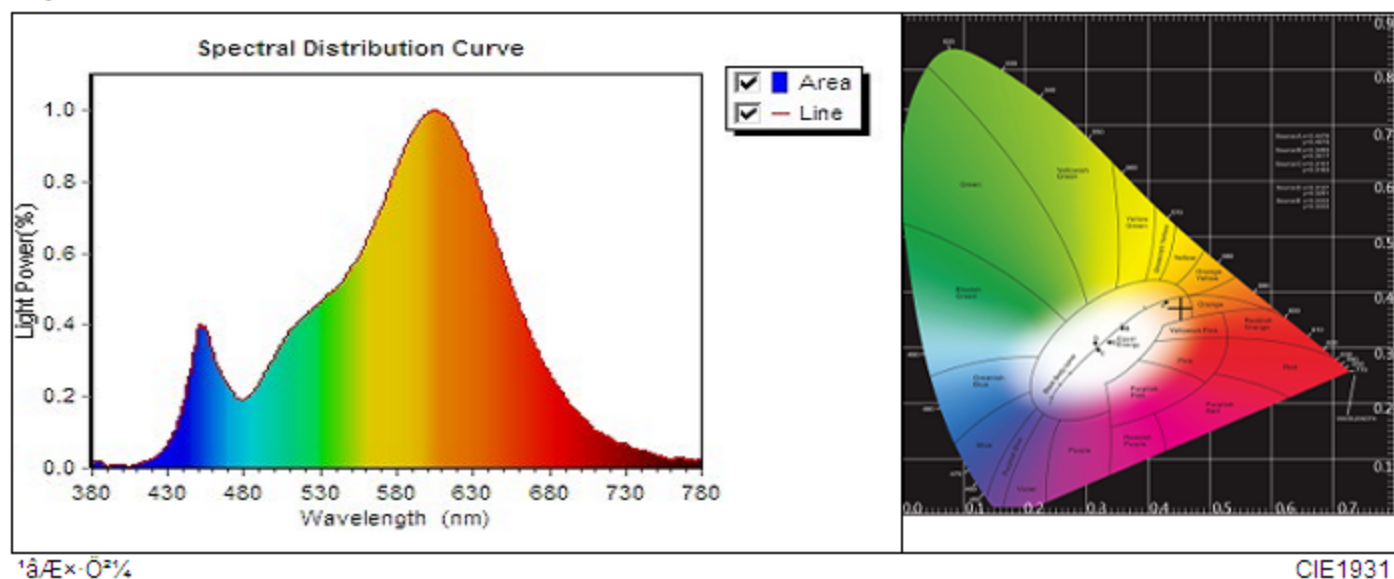
Test date. : 2023-06-08
Test equipment: SPEC2000A Spectrometer
Operator. : BL20221111HT

Test Condition

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

Humidity : 65%
Peak AD. : 32082 (49.0%)
Integral time. : 130ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4470$ $y=0.4076$ $u=0.2555$ $v=0.3495$ ($duv=0.0001$)
Color temperature: $TC=2866$ K Color difference: $SDCM=3.5$ Main Wavelength: $\lambda_d=490.1$ nm Purity: $Purity=0.002$
Peak wavelength: $\lambda_p=604.8$ nm FWHM: $\Delta\lambda_p=116.4$ nm Color ratio: $R=25.78\%$ $G=71.93\%$ $B=2.29\%$

Color rendering index (Ra): $Ra=83$

$R1=81.8$ $R2=92.5$ $R3=94.6$ $R4=81.1$ $R5=82.5$ $R6=92.1$ $R7=81.5$ $R8=57.3$
 $R9=6.1$ $R10=83.6$ $R11=81.5$ $R12=77.3$ $R13=85.2$ $R14=97.7$ $R15=73.3$

Optical Parameter

Luminous flux: 1387.811 lm luminous efficiency: 89.54 lm/w Radiant flux: 4.2515 W

Electrical Parameter

Voltage: 230.2 V Current: 0.123 A Watts: 15.50 W Power factor: 0.547

MEASUREFINE

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