



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : WATERTIGHT LED SCREEN
Product No. : B8400-120-S-CCT_WW
Manufacturer : BLED

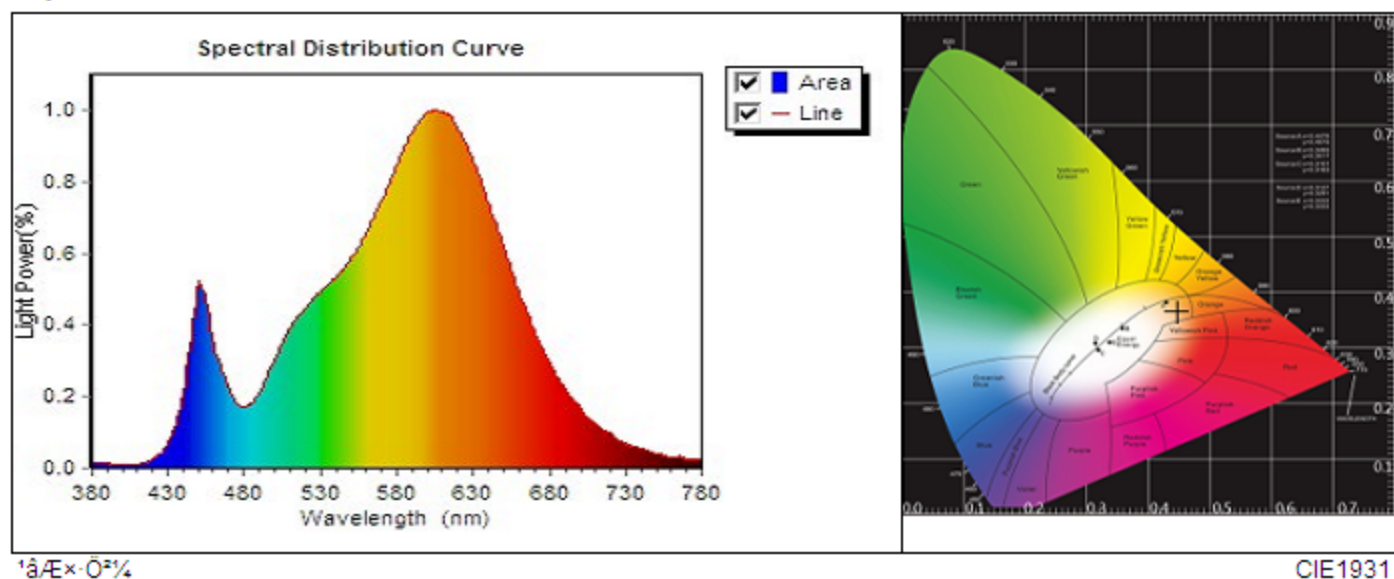
Test date. : 2023-05-12
Test equipment: SPEC2000A Spectrometer
Operator. : LG22993

Test Condition

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

Humidity : 65%
Peak AD. : 44228 (67.5%)
Integral time. : 54ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4417$ $y=0.4025$ $u=0.2544$ $v=0.3477$ ($duv=-0.0013$)
Color temperature: $TC=2908$ K Color difference: $SDCM=1.3$ Main Wavelength: $\lambda_d=479.01$ nm Purity: $Purity=0.017$
Peak wavelength: $\lambda_p=605.2$ nm FWHM: $\Delta\lambda_p=128.4$ nm Color ratio: $R=25.61\%$ $G=72.21\%$ $B=2.18\%$

Color rendering index (Ra): $Ra=84$

$R1=82.9$ $R2=92.0$ $R3=96.4$ $R4=82.4$ $R5=83.1$ $R6=90.5$ $R7=83.1$ $R8=61.1$
 $R9=13.5$ $R10=81.7$ $R11=82.5$ $R12=74.0$ $R13=85.8$ $R14=98.8$ $R15=75.7$

Optical Parameter

Luminous flux: 4911.45 lm luminous efficiency: 120.38 lm/w Radiant flux: 15.2795 W

Electrical Parameter

Voltage: 230.3 V Current: 0.190 A Watts: 40.80 W Power factor: 0.929

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