



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

Spectral test report for lamp

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

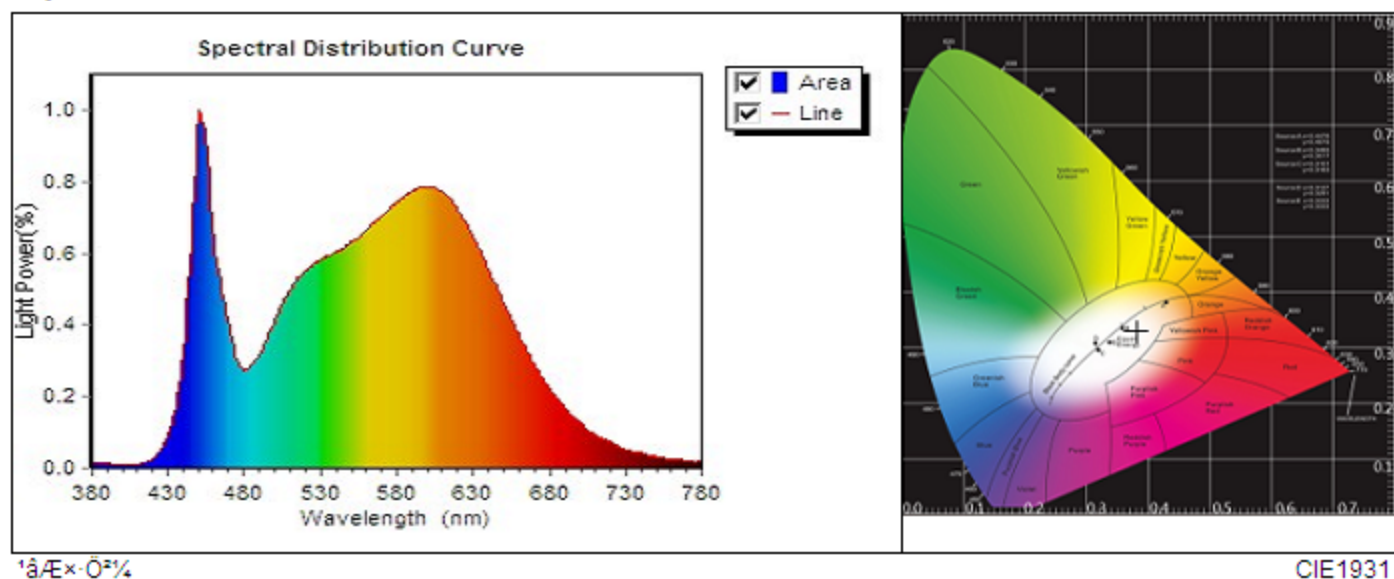
Test date. : 2023-05-12
Test equipment: SPEC2000A Spectrometer
Operator. : LG22993

Test Condition

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

Humidity : 65%
Peak AD. : 48304 (73.7%)
Integral time. : 54ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3754$ $y=0.3695$ $u=0.2247$ $v=0.3317$ ($duv=-0.0020$)
Color temperature: $TC=4089$ K Color difference: $SDCM=4.0$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.186$
Peak wavelength: $\lambda_p=451.7$ nm FWHM: $\Delta\lambda_p=20.8$ nm Color ratio: $R=20.43\%$ $G=75.87\%$ $B=3.71\%$

Color rendering index (Ra): $Ra=88$

$R1=87.8$ $R2=93.6$ $R3=96.2$ $R4=87.2$ $R5=87.4$ $R6=89.7$ $R7=88.5$ $R8=73.2$
 $R9=32.6$ $R10=83.7$ $R11=87.2$ $R12=66.4$ $R13=90.0$ $R14=98.2$ $R15=83.3$

Optical Parameter

Luminous flux: 5419.407 lm luminous efficiency: 137.9 lm/w Radiant flux: 17.2446 W

Electrical Parameter

Voltage: 230.3 V Current: 0.185 A Watts: 39.30 W Power factor: 0.922

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