



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

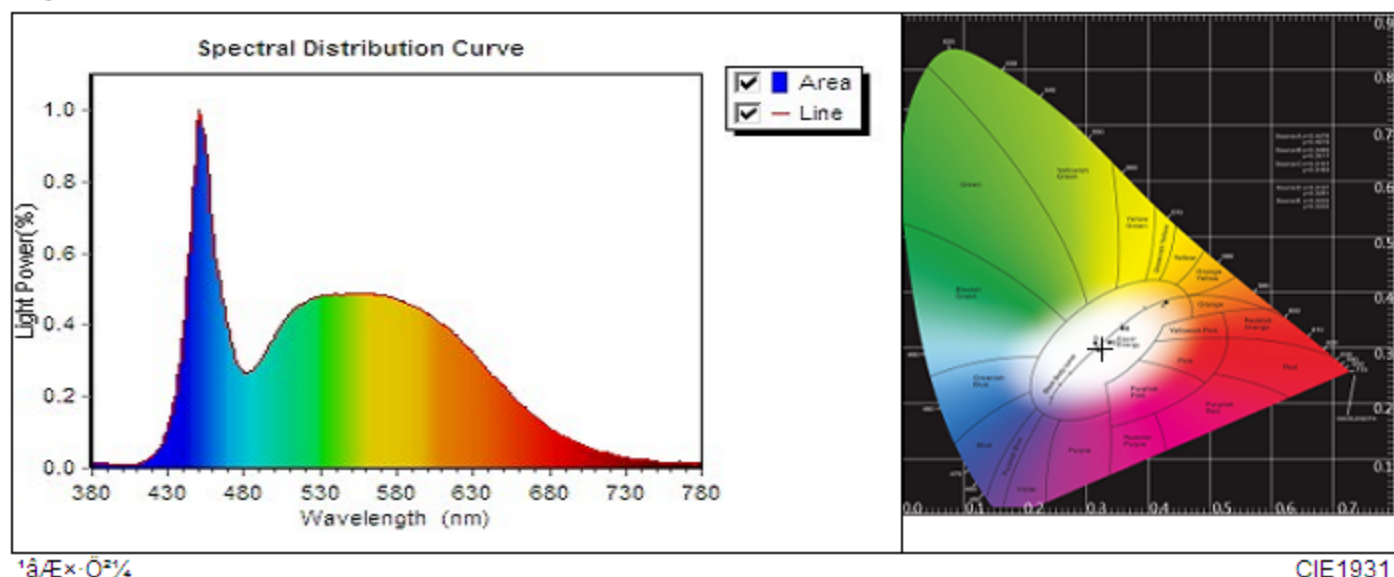
Test date. : 2023-05-12
Test equipment : SPEC2000A Spectrometer
Operator. : LG22993

Test Condition

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

Humidity : 65%
Peak AD. : 54541 (83.2%)
Integral time. : 46ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3186$ $y=0.3399$ $u=0.1978$ $v=0.3166$ ($duv=0.0058$)
Color temperature: $TC=6140$ K Color difference: $SDCM=2.9$ Main Wavelength: $\lambda_d=483.06$ nm Purity: $Purity=0.332$
Peak wavelength: $\lambda_p=451.3$ nm FWHM: $\Delta\lambda_p=22.0$ nm Color ratio: $R=15.14\%$ $G=79.71\%$ $B=5.15\%$

Color rendering index (Ra): $Ra=85.6$

$R1=83.8$ $R2=89.6$ $R3=93.0$ $R4=84.9$ $R5=84.2$ $R6=84.8$ $R7=90.1$ $R8=73.9$
 $R9=21.5$ $R10=75.1$ $R11=84.4$ $R12=61.1$ $R13=86.2$ $R14=96.5$ $R15=79.6$

Optical Parameter

Luminous flux: 5163.092 lm luminous efficiency: 125.93 lm/w Radiant flux: 16.8971 W

Electrical Parameter

Voltage: 230.3 V Current: 0.192 A Watts: 41.00 W Power factor: 0.926

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