



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : SURFACE PANEL LED
Product No. : B1726-CCT_CW_12W
Manufacturer : BLED

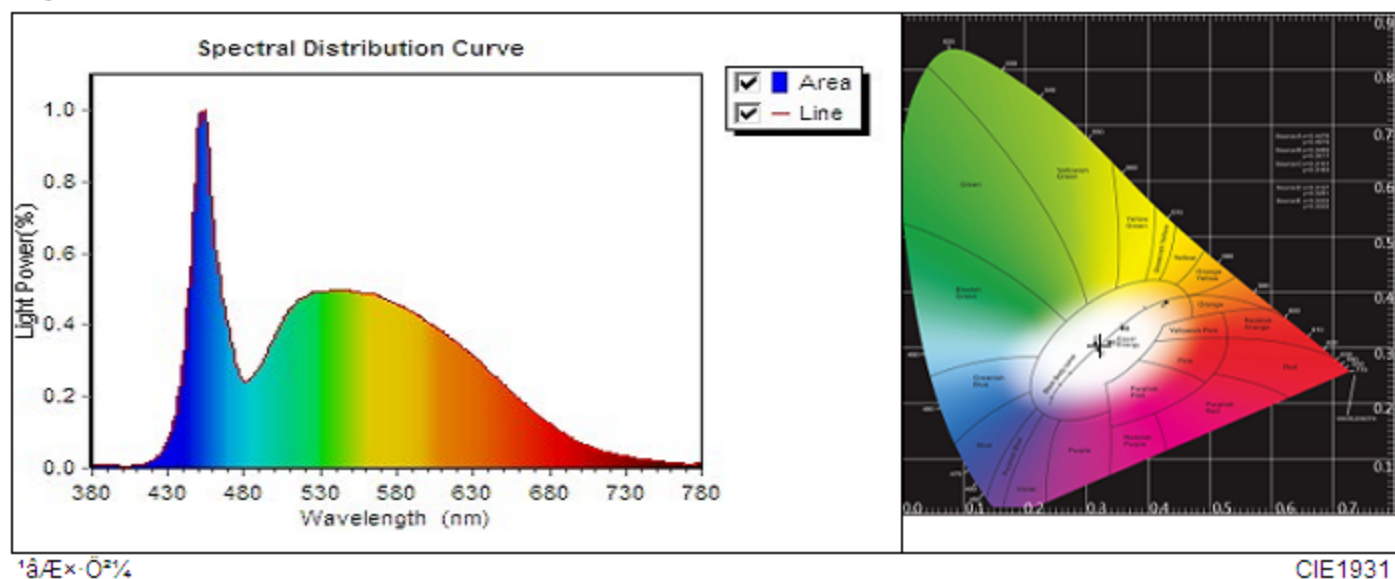
Test date. : 2023-05-22
Test equipment: SPEC2000A Spectrometer
Operator. : LG1726

Test Condition

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

Humidity : 65%
Peak AD. : 57549 (87.8%)
Integral time. : 193ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3169$ $y=0.3458$ $u=0.1946$ $v=0.3184$ ($duv=0.0095$)
Color temperature: $TC=6194$ K Color difference: $SDCM=4.5$ Main Wavelength: $\lambda_d=484.06$ nm Purity: $Purity=0.332$
Peak wavelength: $\lambda_p=452.6$ nm FWHM: $\Delta\lambda_p=20.2$ nm Color ratio: $R=14.61\%$ $G=80.36\%$ $B=5.04\%$

Color rendering index (Ra): $Ra=84.4$

$R1=81.7$ $R2=88.3$ $R3=92.8$ $R4=82.9$ $R5=81.9$ $R6=83.3$ $R7=90.7$ $R8=73.4$
 $R9=19.2$ $R10=72.5$ $R11=81.9$ $R12=55.8$ $R13=84.4$ $R14=96.4$ $R15=77.3$

Optical Parameter

Luminous flux: 1172.279 lm luminous efficiency: 93.04 lm/w Radiant flux: 3.8088 W

Electrical Parameter

Voltage: 230.4 V Current: 0.088 A Watts: 12.60 W Power factor: 0.614

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