



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PANEL
Product No. : B5228-BS-120X30-S_WW
Manufacturer : BLED

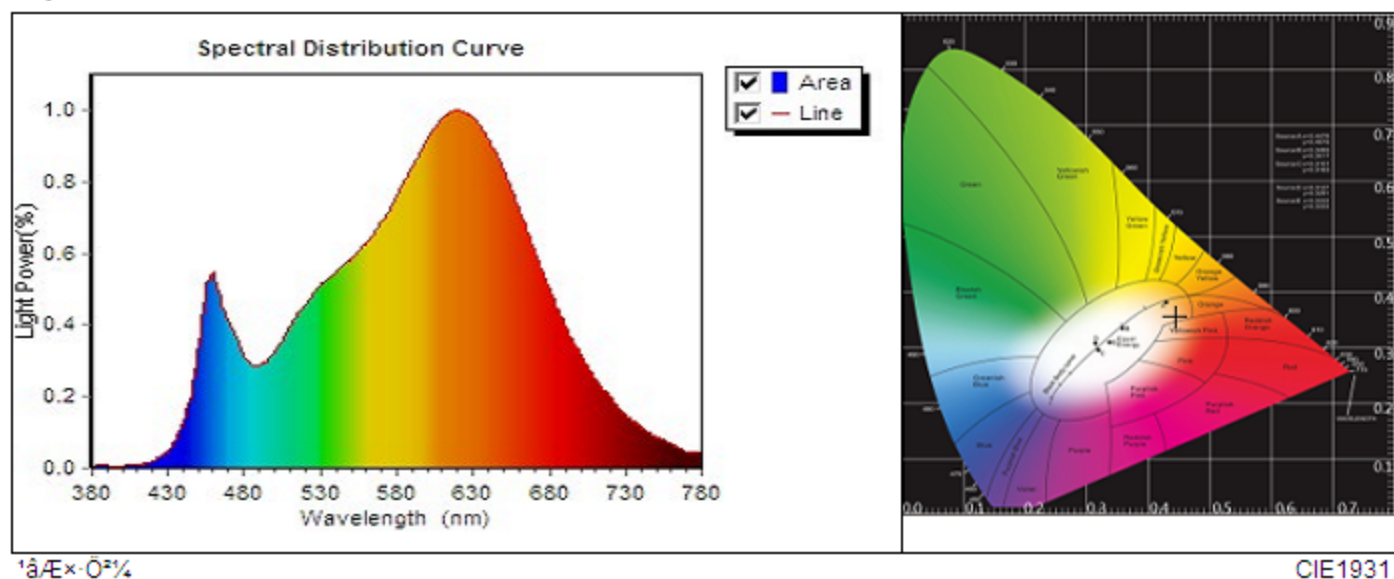
Test date. : 2022-10-14
Test equipment: SPEC2000A Spectrometer
Operator. : BL20220624YY

Test Condition

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

Humidity : 65%
Peak AD. : 30246 (46.2%)
Integral time. : 140ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4373$ $y=0.3941$ $u=0.2551$ $v=0.3450$ ($duv=-0.0040$)
Color temperature: $TC=2912$ K Color difference: $SDCM=3.9$ Main Wavelength: $\lambda_d=470.04$ nm Purity: $Purity=0.035$
Peak wavelength: $\lambda_p=619.8$ nm FWHM: $\Delta\lambda_p=152.3$ nm Color ratio: $R=27.09\%$ $G=69.88\%$ $B=3.03\%$

Color rendering index (Ra): $Ra=93.1$

$R1=96.0$ $R2=98.5$ $R3=95.7$ $R4=92.7$ $R5=95.7$ $R6=94.7$ $R7=89.2$ $R8=82.1$
 $R9=64.9$ $R10=98.7$ $R11=93.9$ $R12=82.3$ $R13=98.3$ $R14=98.9$ $R15=92.4$

Optical Parameter

Luminous flux: 1326.786 lm luminous efficiency: 9.71 lm/w Radiant flux: 4.7364 W

Electrical Parameter

Voltage: 228.8 V Current: 0.909 A Watts: 136.70 W Power factor: 0.657

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