



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

Spectral test report for lamp

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

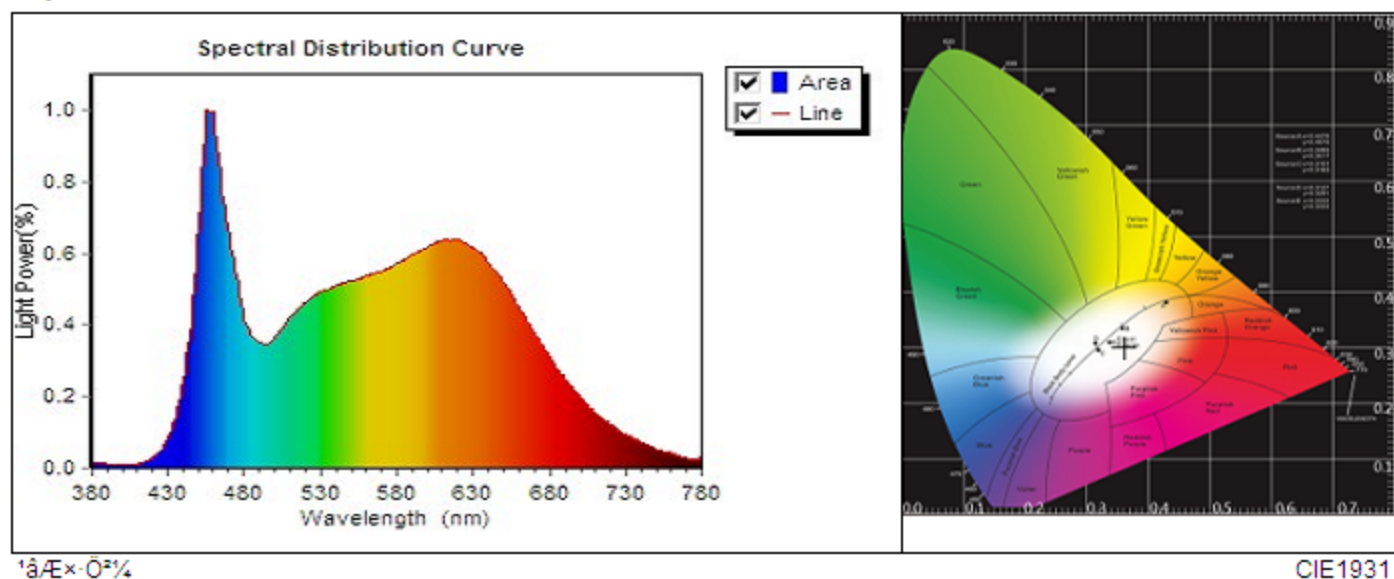
Test date. : 2022-10-14
Test equipment: SPEC2000A Spectrometer
Operator. : BL20220624YY

Test Condition

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

Humidity : 65%
Peak AD. : 44983 (68.6%)
Integral time. : 140ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3568$ $y=0.3418$ $u=0.2234$ $v=0.3210$ ($duv=-0.0096$)
Color temperature: $TC=4507$ K Color difference: $SDCM=14.5$ Main Wavelength: $\lambda_d=481.01$ nm Purity: $Purity=0.251$
Peak wavelength: $\lambda_p=457.4$ nm FWHM: $\Delta\lambda_p=28.9$ nm Color ratio: $R=21.39\%$ $G=73.22\%$ $B=5.39\%$

Color rendering index (Ra): $Ra=93.2$

$R1=94.4$ $R2=93.7$ $R3=95.9$ $R4=93.2$ $R5=93.2$ $R6=90.4$ $R7=91.0$ $R8=92.8$
 $R9=94.4$ $R10=91.0$ $R11=95.2$ $R12=70.6$ $R13=94.3$ $R14=99.4$ $R15=93.8$

Optical Parameter

Luminous flux: 1460.401 lm luminous efficiency: 11.14 lm/w Radiant flux: 5.3731 W

Electrical Parameter

Voltage: 229.0 V Current: 0.880 A Watts: 131.10 W Power factor: 0.650

MEASUREFINE

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