



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : SURFACE PANEL LED LIGHT
Product No. : B1296-S-BN
Manufacturer : BLED

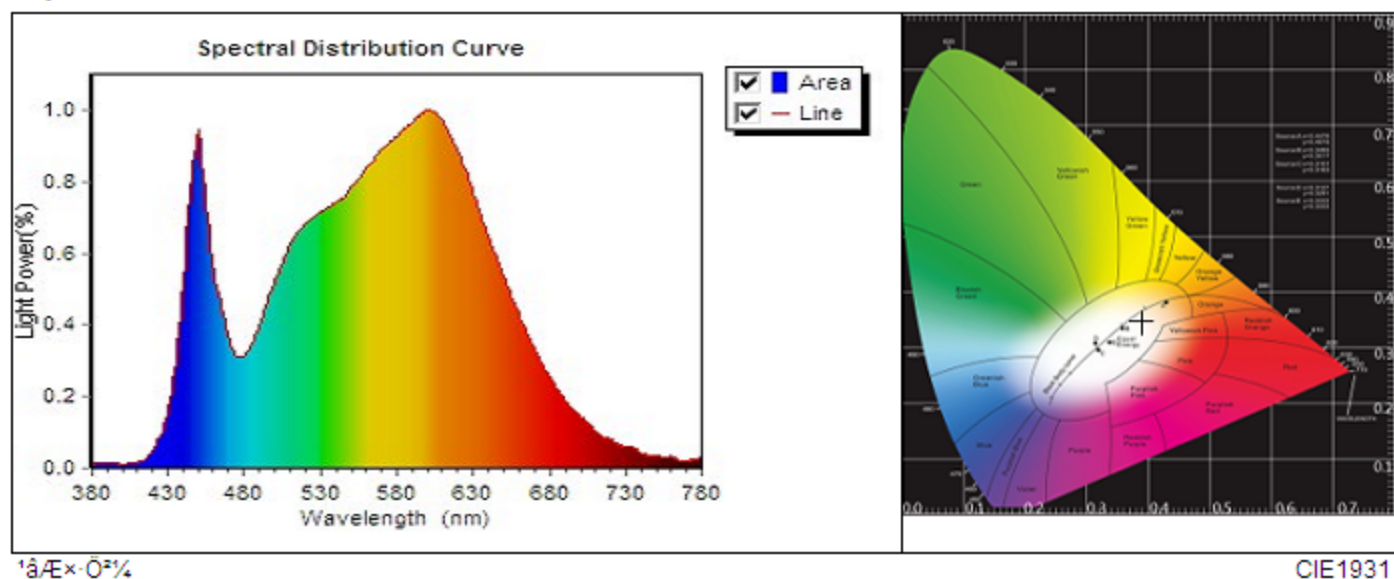
Test date. : 2023-10-10
Test equipment: SPEC2000A Spectrometer
Operator. : EN20230222Q

Test Condition

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

Humidity : 65%
Peak AD. : 32225 (49.2%)
Integral time. : 139ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3855$ $y=0.3849$ $u=0.2252$ $v=0.3373$ ($duv=0.0023$)
Color temperature: $TC=3926$ K Color difference: $SDCM=2.6$ Main Wavelength: $\lambda_d=486.1$ nm Purity: $Purity=0.154$
Peak wavelength: $\lambda_p=601.1$ nm FWHM: $\Delta\lambda_p=155.1$ nm Color ratio: $R=20.37\%$ $G=76.34\%$ $B=3.30\%$

Color rendering index (Ra): $Ra=85.3$

$R1=83.7$ $R2=90.4$ $R3=96.3$ $R4=85.2$ $R5=84.0$ $R6=87.5$ $R7=87.6$ $R8=67.3$
 $R9=15.5$ $R10=77.9$ $R11=85.3$ $R12=68.3$ $R13=85.9$ $R14=98.1$ $R15=77.1$

Optical Parameter

Luminous flux: 1453.566 lm luminous efficiency: 82.12 lm/w Radiant flux: 4.4594 W

Electrical Parameter

Voltage: 230.1 V Current: 0.140 A Watts: 17.70 W Power factor: 0.551

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