



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : WALL LAMP
Product No. : B1459-N
Manufacturer : BLED

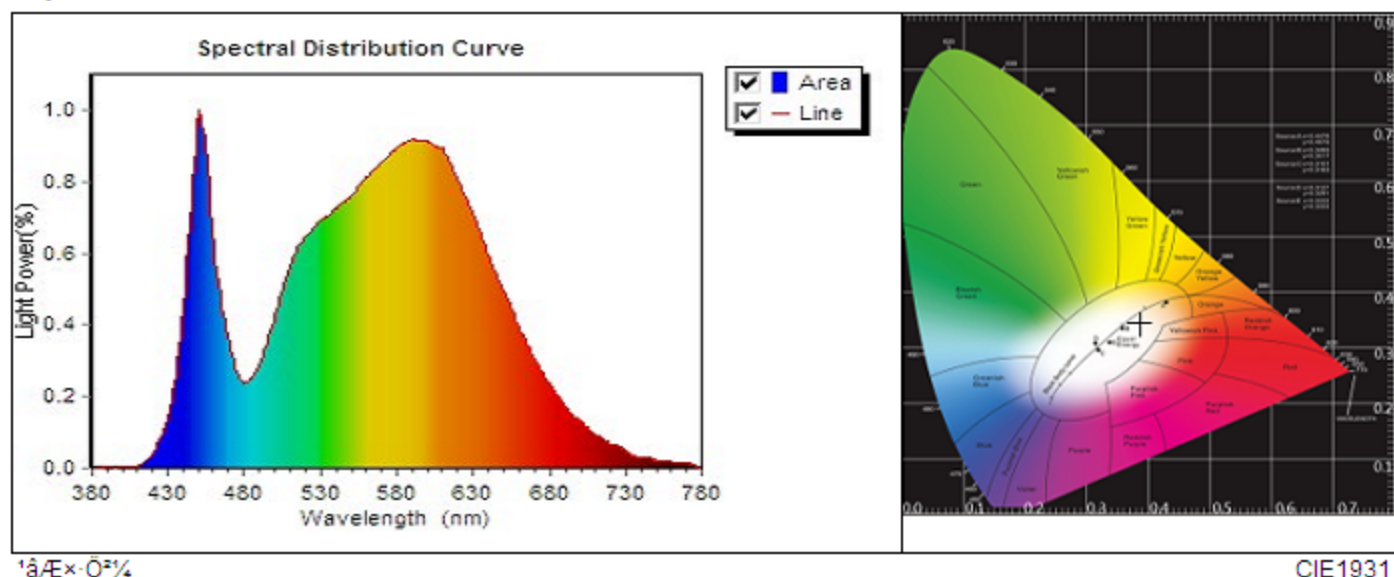
Test date. : 2023-02-17
Test equipment: SPEC2000A Spectrometer
Operator. : RG22NEB0021

Test Condition

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

Humidity : 65%
Peak AD. : 45828 (69.9%)
Integral time. : 576ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3818$ $y=0.3820$ $u=0.2239$ $v=0.3361$ ($duv=0.0021$)
Color temperature: $TC=4002$ K Color difference: $SDCM=0.9$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.163$
Peak wavelength: $\lambda_p=451.2$ nm FWHM: $\Delta\lambda_p=22.0$ nm Color ratio: $R=19.69\%$ $G=77.29\%$ $B=3.01\%$

Color rendering index (Ra): $Ra=82.8$

$R1=81.0$ $R2=87.9$ $R3=93.4$ $R4=82.4$ $R5=80.8$ $R6=83.1$ $R7=87.3$ $R8=66.1$
 $R9=10.4$ $R10=71.2$ $R11=81.3$ $R12=58.8$ $R13=83.2$ $R14=96.3$ $R15=75.2$

Optical Parameter

Luminous flux: 476.342 lm luminous efficiency: 47.16 lm/w Radiant flux: 1.4397 W

Electrical Parameter

Voltage: 230.3 V Current: 0.055 A Watts: 10.10 W Power factor: 0.788

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