



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1240-B-4W-BC
Manufacturer : BLED

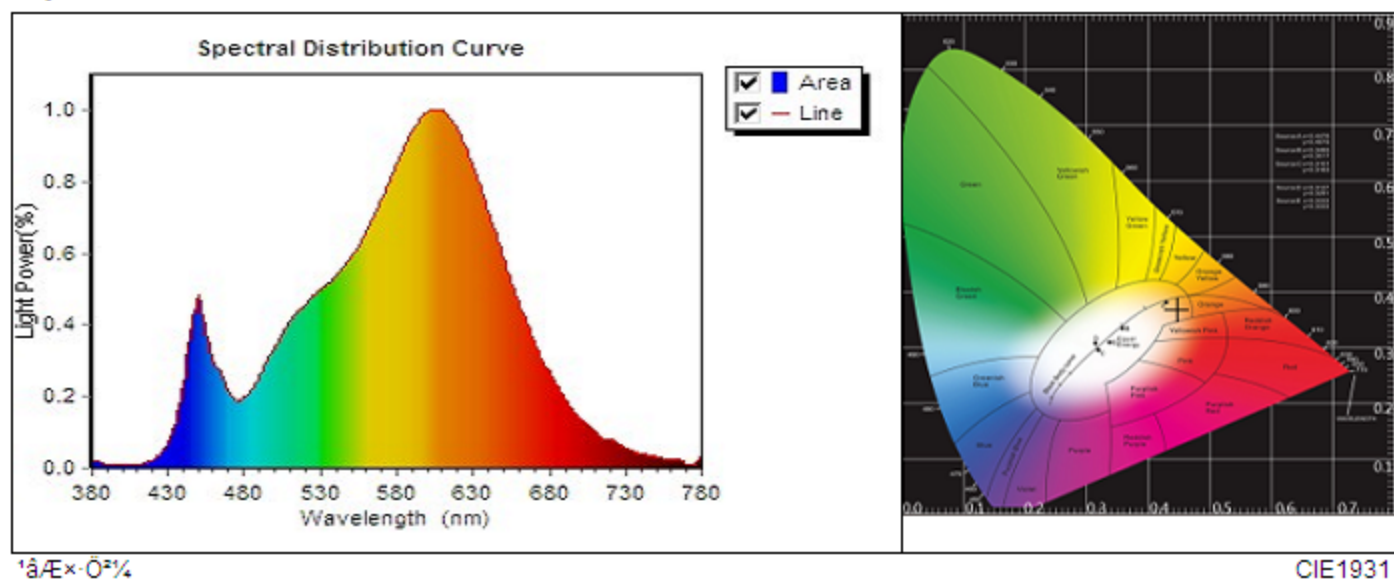
Test date. : 2021-03-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 51425 (78.5%)
Integral time. : 926ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4407$ $y=0.4062$ $u=0.2521$ $v=0.3485$ ($duv=0.0004$)
Color temperature: $TC=2956$ K Color difference: $SDCM=1.5$ Main Wavelength: $\lambda_d=488$ nm Purity: $Purity=0.017$
Peak wavelength: $\lambda_p=607.9$ nm FWHM: $\Delta\lambda_p=126.3$ nm Color ratio: $R=25.22\%$ $G=72.44\%$ $B=2.34\%$

Color rendering index (Ra): $Ra=84$

$R1=82.7$ $R2=92.2$ $R3=96.3$ $R4=82.8$ $R5=83.3$ $R6=91.3$ $R7=83.1$ $R8=60.1$
 $R9=10.2$ $R10=82.5$ $R11=83.2$ $R12=76.3$ $R13=85.7$ $R14=98.6$ $R15=74.7$

Optical Parameter

Luminous flux: 283.295 lm luminous efficiency: 67.45 lm/w Radiant flux: 0.8633 W

Electrical Parameter

Voltage: 230.5 V Current: 0.030 A Watts: 4.20 W Power factor: 0.612

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