



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1241-B-6W-BC
Manufacturer : BLED

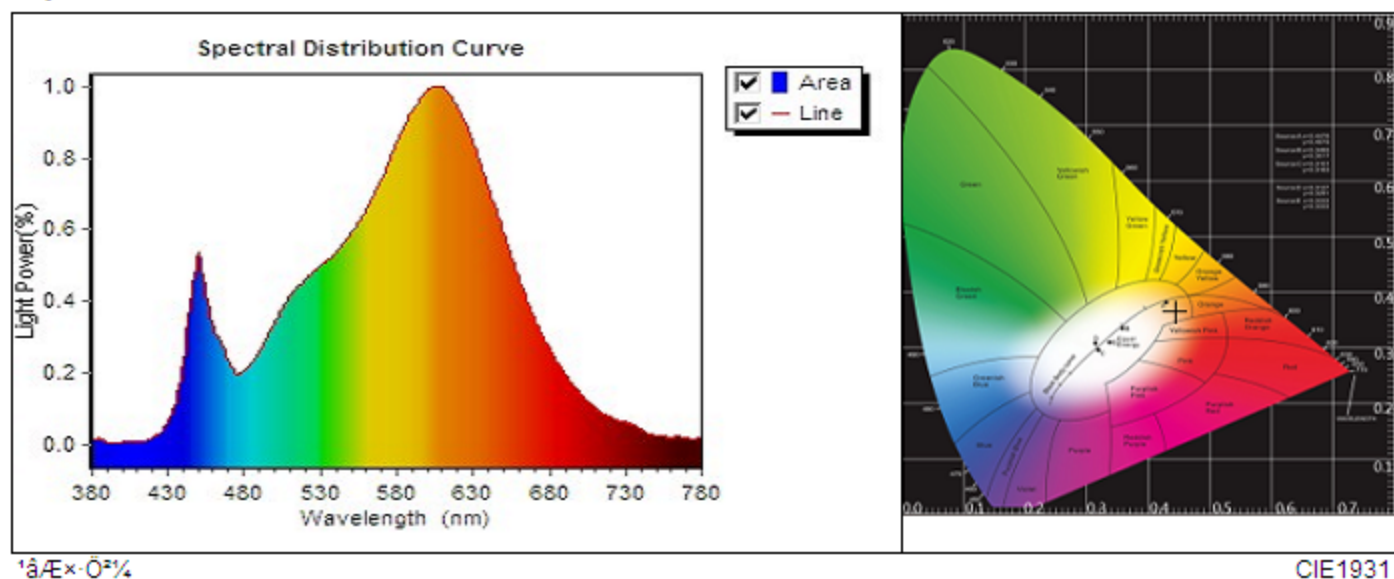
Test date. : 2021-03-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 35879 (54.7%)
Integral time. : 411ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4374$ $y=0.4026$ $u=0.2515$ $v=0.3473$ ($duv=-0.0006$)
Color temperature: $TC=2981$ K Color difference: $SDCM=1.5$ Main Wavelength: $\lambda_d=484.03$ nm Purity: $Purity=0.026$
Peak wavelength: $\lambda_p=606.7$ nm FWHM: $\Delta\lambda_p=126.6$ nm Color ratio: $R=25.25\%$ $G=72.31\%$ $B=2.44\%$

Color rendering index (Ra): $Ra=84.7$

$R1=83.8$ $R2=93.0$ $R3=95.9$ $R4=83.5$ $R5=84.4$ $R6=92.2$ $R7=83.2$ $R8=61.3$
 $R9=13.5$ $R10=84.3$ $R11=84.2$ $R12=77.1$ $R13=86.9$ $R14=98.5$ $R15=76.1$

Optical Parameter

Luminous flux: 455.996 lm luminous efficiency: 84.44 lm/w Radiant flux: 1.3982 W

Electrical Parameter

Voltage: 230.5 V Current: 0.043 A Watts: 5.40 W Power factor: 0.539

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