



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1076-CCT (BC)
Manufacturer : BLED

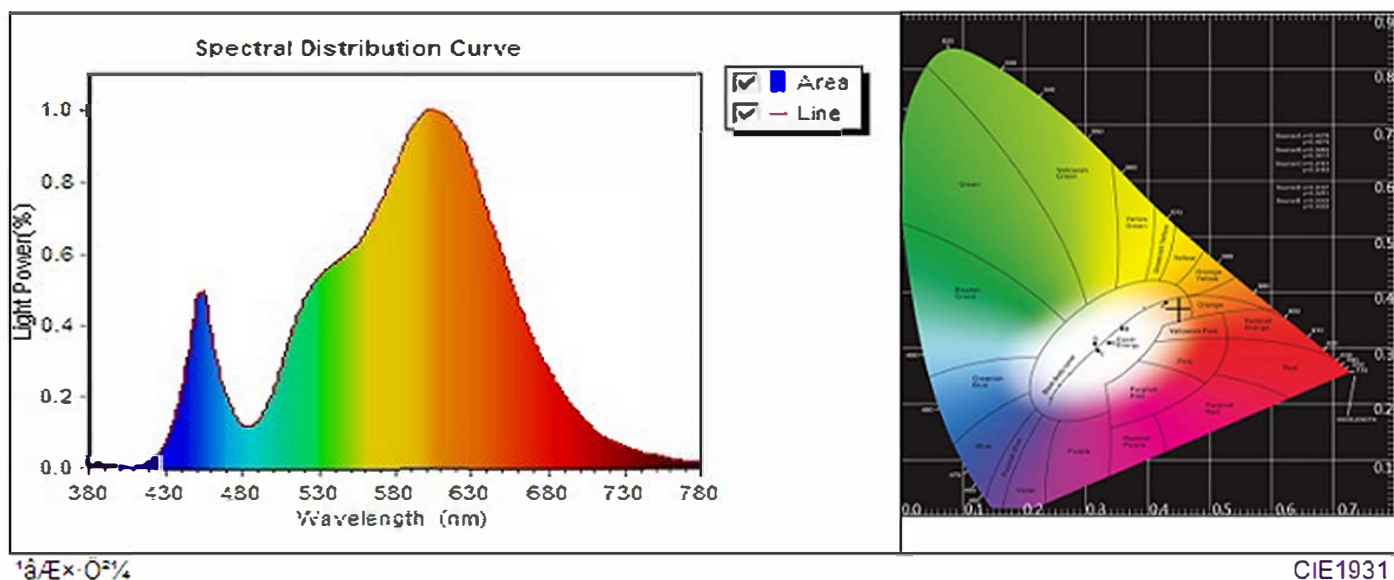
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 42653 (65.1%)
Integral time. : 178ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4431$ $y=0.4066$ $u=0.2535$ $v=0.3489$ ($duv=0.0002$)
Color temperature: $TC=2919$ K Color difference: $SDCM=1.7$ Main Wavelength: $\lambda_d=488.02$ nm Purity: $Purity=0.011$
Peak wavelength: $\lambda_p=602.0$ nm FWHM: $\Delta\lambda_p=134.3$ nm Color ratio: $R=25.26\%$ $G=73.00\%$ $B=1.74\%$

Color rendering index (Ra): $Ra=82.1$

$R1=81.0$ $R2=88.9$ $R3=95.3$ $R4=81.4$ $R5=80.1$ $R6=85.6$ $R7=84.1$ $R8=60.2$
 $R9=7.9$ $R10=73.3$ $R11=80.6$ $R12=63.6$ $R13=83.6$ $R14=96.9$ $R15=73.8$

Optical Parameter

Luminous flux: 1363.243 lm luminous efficiency: 74.09 lm/w Radiant flux: 4.129 W

Electrical Parameter

Voltage: 230.1 V Current: 0.129 A Watts: 18.40 W Power factor: 0.618

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