



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT LED
Product No. : B1073-BC
Manufacturer : BLED

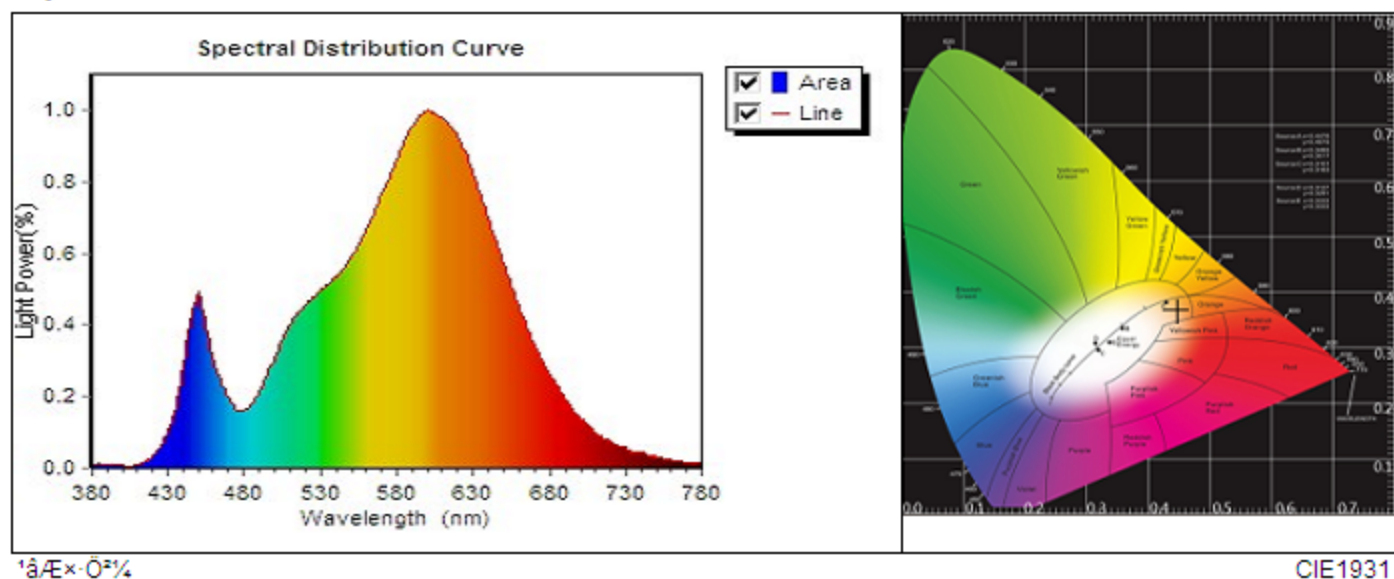
Test date. : 2023-10-26
Test equipment: SPEC2000A Spectrometer
Operator. : BL20230209XMT

Test Condition

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

Humidity : 65%
Peak AD. : 54117 (82.6%)
Integral time. : 220ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4394$ $y=0.4040$ $u=0.2522$ $v=0.3478$ ($duv=-0.0004$)
Color temperature: $TC=2958$ K Color difference: $SDCM=0.8$ Main Wavelength: $\lambda_d=485.05$ nm Purity: $Purity=0.021$
Peak wavelength: $\lambda_p=600.5$ nm FWHM: $\Delta\lambda_p=125.0$ nm Color ratio: $R=24.90\%$ $G=72.99\%$ $B=2.11\%$

Color rendering index (Ra): $Ra=82.2$

$R1=80.4$ $R2=90.2$ $R3=96.5$ $R4=80.7$ $R5=80.8$ $R6=88.4$ $R7=82.3$ $R8=57.7$
 $R9=4.0$ $R10=78.2$ $R11=80.7$ $R12=72.7$ $R13=83.3$ $R14=98.7$ $R15=72.5$

Optical Parameter

Luminous flux: 1381.095 lm luminous efficiency: 66.08 lm/w Radiant flux: 4.1827 W

Electrical Parameter

Voltage: 230.2 V Current: 0.147 A Watts: 20.90 W Power factor: 0.616

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