



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1075-CCT(BF)
Manufacturer : BLED

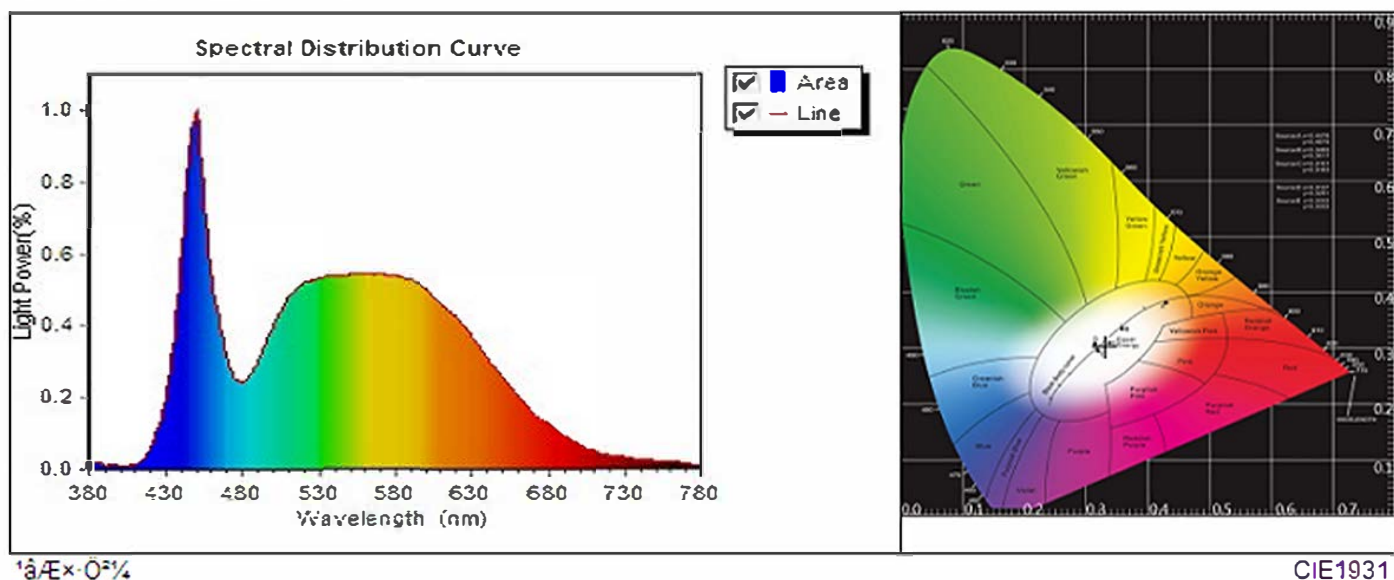
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51803 (79.0%)
Integral time. : 290ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3262$ $y=0.3445$ $u=0.2013$ $v=0.3189$ ($duv=0.0046$)
Color temperature: $TC=5774$ K Color difference: $SDCM=3.5$ Main Wavelength: $\lambda_d=483.08$ nm Purity: $Purity=0.311$
Peak wavelength: $\lambda_p=448.5$ nm FWHM: $\Delta\lambda_p=23.1$ nm Color ratio: $R=15.58\%$ $G=79.94\%$ $B=4.48\%$

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

$R1=82.7$ $R2=87.0$ $R3=90.4$ $R4=85.1$ $R5=83.8$ $R6=82.6$ $R7=88.0$ $R8=72.3$
 $R9=16.1$ $R10=69.7$ $R11=85.4$ $R12=65.3$ $R13=84.2$ $R14=94.9$ $R15=77.9$

Optical Parameter

Luminous flux: 846.738 lm luminous efficiency: 70.56 lm/w Radiant flux: 2.7309 W

Electrical Parameter

Voltage: 230.1 V Current: 0.089 A Watts: 12.00 W Power factor: 0.588

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