



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

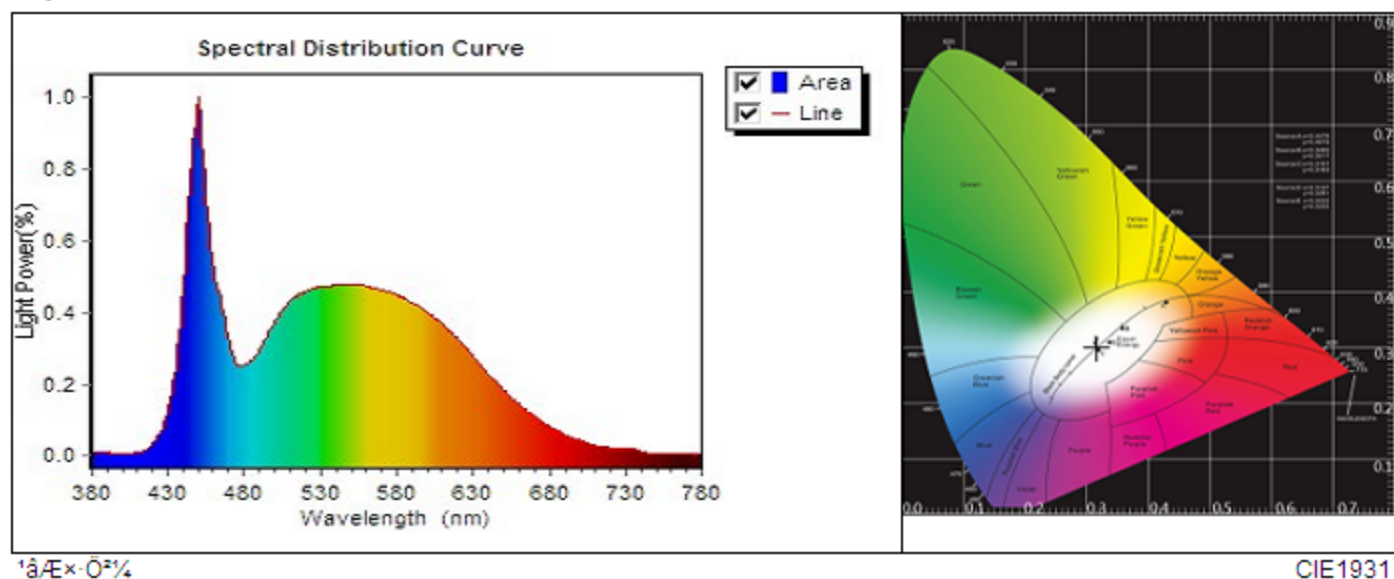
Test date. : 2021-03-12
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 50414 (76.9%)
Integral time. : 411ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3127$ $y=0.3408$ $u=0.1935$ $v=0.3163$ ($duv=0.0091$)
Color temperature: $TC=6422$ K Color difference: $SDCM=2.7$ Main Wavelength: $\lambda_d=484.08$ nm Purity: $Purity=0.346$
Peak wavelength: $\lambda_p=449.3$ nm FWHM: $\Delta\lambda_p=20.6$ nm Color ratio: $R=14.13\%$ $G=80.79\%$ $B=5.08\%$

Color rendering index (Ra): $Ra=82.5$

$R1=79.4$ $R2=86.3$ $R3=91.9$ $R4=82.1$ $R5=80.8$ $R6=81.8$ $R7=88.7$ $R8=69.0$
 $R9=2.2$ $R10=68.5$ $R11=81.3$ $R12=59.3$ $R13=82.0$ $R14=95.8$ $R15=73.7$

Optical Parameter

Luminous flux: 468.334 lm Luminous efficiency: 85.15 lm/w Radiant flux: 1.4916 W

Electrical Parameter

Voltage: 230.4 V Current: 0.043 A Watts: 5.50 W Power factor: 0.539

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