



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1230-B-18W-BF
Manufacturer : BLED

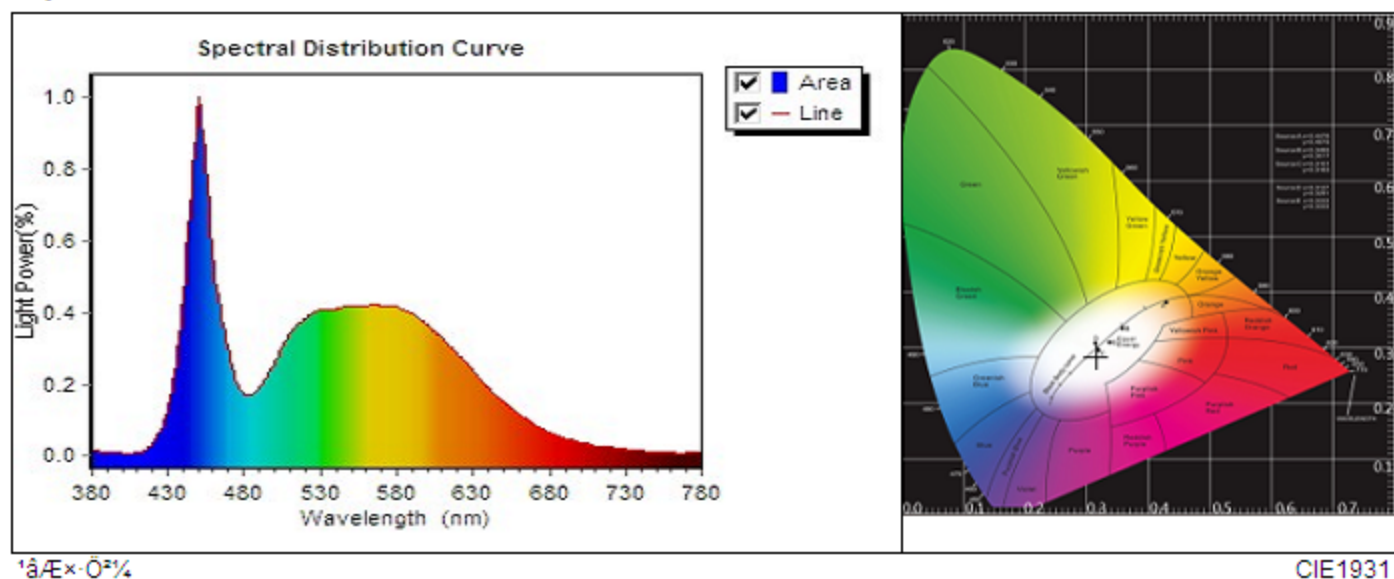
Test date. : 2021-03-12
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 47688 (72.8%)
Integral time. : 83ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3115$ $y=0.3263$ $u=0.1980$ $v=0.3111$ ($duv=0.0024$)
Color temperature: $TC=6592$ K Color difference: $SDCM=4.9$ Main Wavelength: $\lambda_d=482.04$ nm Purity: $Purity=0.358$
Peak wavelength: $\lambda_p=450.4$ nm FWHM: $\Delta\lambda_p=20.0$ nm Color ratio: $R=14.26\%$ $G=81.01\%$ $B=4.73\%$

Color rendering index (Ra): $Ra=80.8$

$R1=79.3$ $R2=84.7$ $R3=87.2$ $R4=81.6$ $R5=80.1$ $R6=78.0$ $R7=86.6$ $R8=68.2$
 $R9=-1.1$ $R10=62.6$ $R11=80.7$ $R12=53.5$ $R13=81.3$ $R14=93.1$ $R15=75.0$

Optical Parameter

Luminous flux: 1949.155 lm luminous efficiency: 100.47 lm/w Radiant flux: 6.2928 W

Electrical Parameter

Voltage: 230.2 V Current: 0.144 A Watte: 19.40 W Power factor: 0.583

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