



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1246-15W-CCT
Manufacturer : BLED

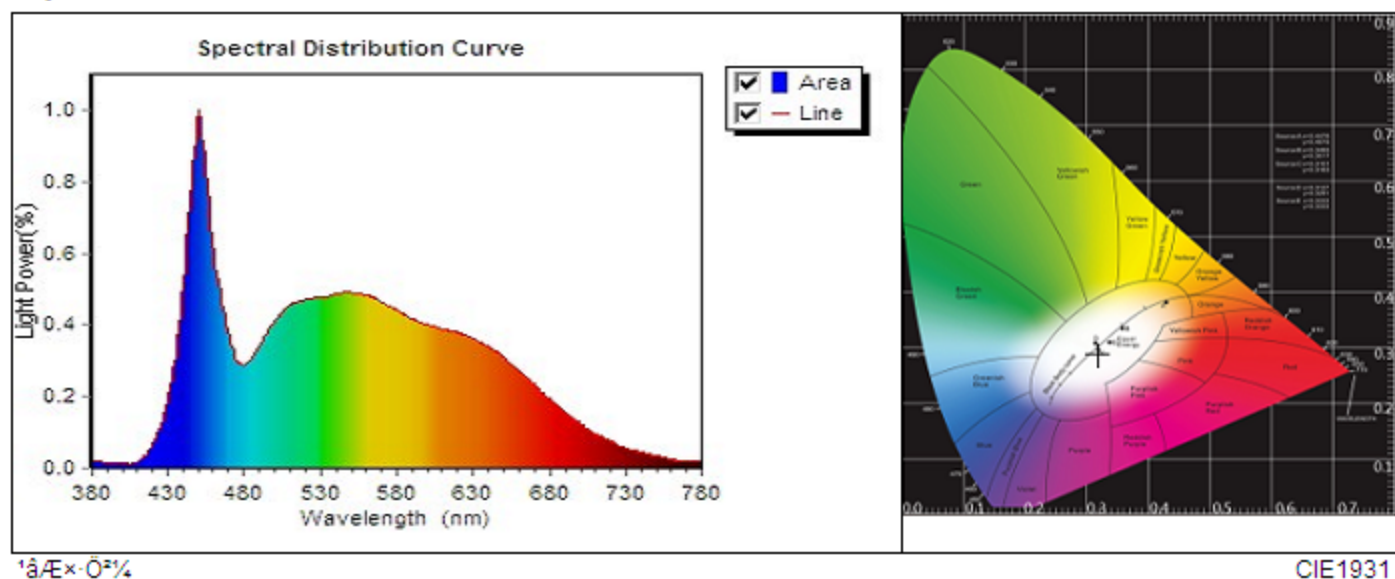
Test date. : 2024-11-22
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 58920 (89.9%)
Integral time. : 200ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3139$ $y=0.3302$ $u=0.1983$ $v=0.3127$ ($duv=0.0032$)
Color temperature: $TC=6430$ K Color difference: $SDCM=5.2$ Main Wavelength: $\lambda_d=483.08$ nm Purity: $Purity=0.352$
Peak wavelength: $\lambda_p=450.2$ nm FWHM: $\Delta\lambda_p=24.3$ nm Color ratio: $R=15.73\%$ $G=78.76\%$ $B=5.51\%$

Color rendering index (Ra): $Ra=91.2$

$R1=91.2$ $R2=92.3$ $R3=91.6$ $R4=91.8$ $R5=91.0$ $R6=87.8$ $R7=94.3$ $R8=88.9$
 $R9=65.6$ $R10=81.1$ $R11=91.4$ $R12=69.7$ $R13=91.6$ $R14=95.5$ $R15=90.7$

Optical Parameter

Luminous flux: 1294.65 lm luminous efficiency: 86.31 lm/w Radiant flux: 4.6319 W

Electrical Parameter

Voltage: 230.2 V Current: 0.118 A Watts: 15.00 W Power factor: 0.552

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