



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

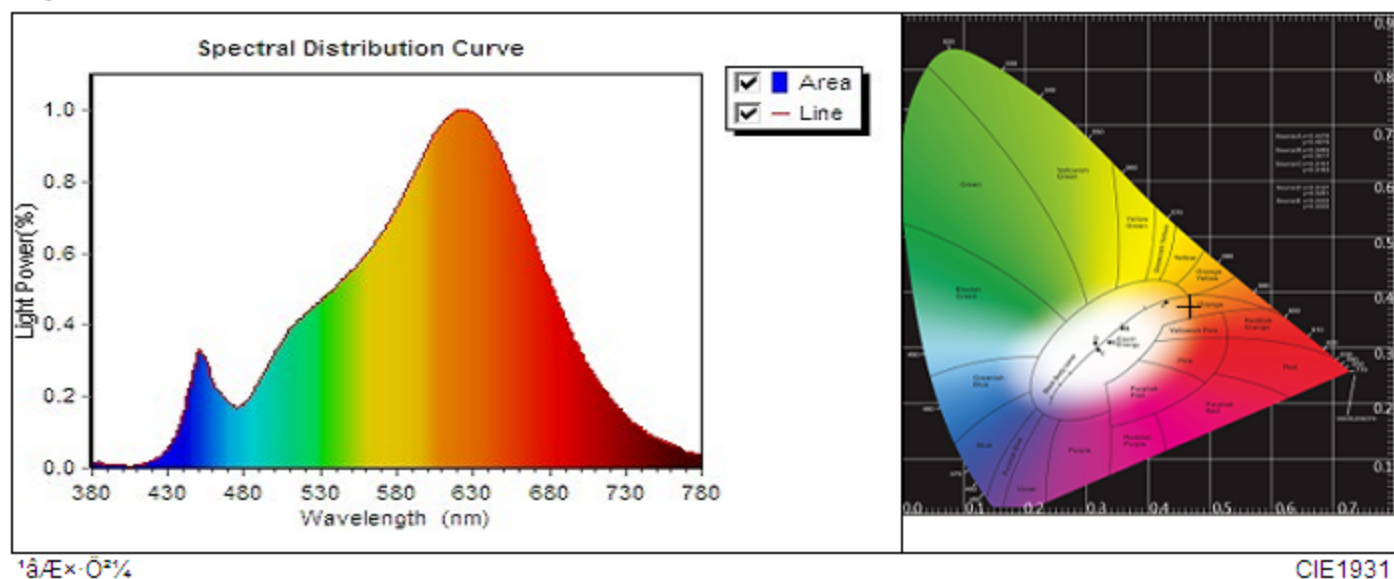
Test date. : 2024-11-22
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50560 (77.1%)
Integral time. : 290ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4610$ $y=0.4116$ $u=0.2628$ $v=0.3519$ ($duv=0.0003$)
Color temperature: $TC=2692$ K Color difference: $SDCM=3.8$ Main Wavelength: $\lambda_d=593.07$ nm Purity: $Purity=0.094$
Peak wavelength: $\lambda_p=622.3$ nm FWHM: $\Delta\lambda_p=143.5$ nm Color ratio: $R=28.34\%$ $G=69.48\%$ $B=2.17\%$

Color rendering index (Ra): $Ra=93.9$

$R1=94.1$ $R2=97.4$ $R3=99.3$ $R4=94.8$ $R5=94.4$ $R6=97.7$ $R7=91.8$ $R8=81.7$
 $R9=60.3$ $R10=93.5$ $R11=96.9$ $R12=88.7$ $R13=95.5$ $R14=99.1$ $R15=89.2$

Optical Parameter

Luminous flux: 1111.601 lm luminous efficiency: 74.6 lm/w Radiant flux: 3.955 W

Electrical Parameter

Voltage: 230.2 V Current: 0.116 A Watts: 14.90 W Power factor: 0.554

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