



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT LED CCT
Product No. : B1294-CCT_NW
Manufacturer : BLED

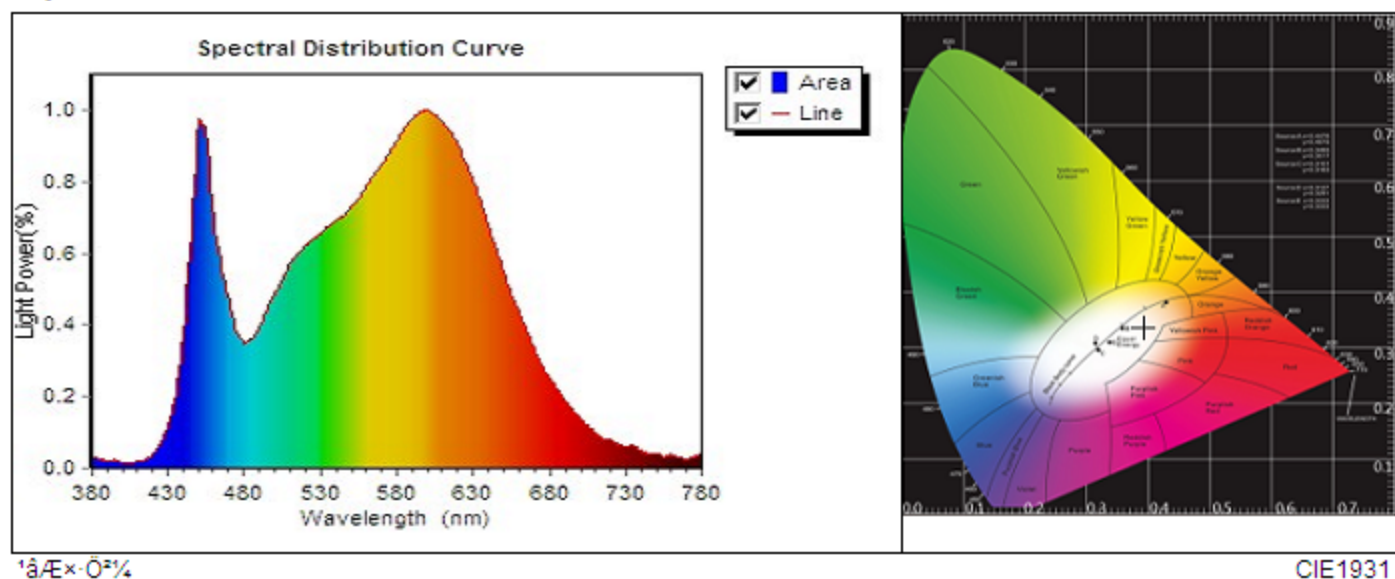
Test date. : 2023-10-10
Test equipment: SPEC2000A Spectrometer
Operator. : EN20220616Q

Test Condition

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

Humidity : 65%
Peak AD. : 40233 (61.4%)
Integral time. : 137ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3871$ $y=0.3758$ $u=0.2299$ $v=0.3348$ ($duv=-0.0023$)
Color temperature: $TC=3814$ K Color difference: $SDCM=6.1$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.156$
Peak wavelength: $\lambda_p=599.3$ nm FWHM: $\Delta\lambda_p=152.6$ nm Color ratio: $R=21.32\%$ $G=75.05\%$ $B=3.63\%$

Color rendering index (Ra): $Ra=87.1$

$R1=86.8$ $R2=94.4$ $R3=96.2$ $R4=85.7$ $R5=87.0$ $R6=91.4$ $R7=86.0$ $R8=68.6$
 $R9=24.5$ $R10=86.1$ $R11=86.0$ $R12=71.4$ $R13=89.6$ $R14=98.8$ $R15=81.1$

Optical Parameter

Luminous flux: 1838.605 lm luminous efficiency: 108.15 lm/w Radiant flux: 5.7833 W

Electrical Parameter

Voltage: 230.2 V Current: 0.134 A Watts: 17.00 W Power factor: 0.549

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