



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT LED
Product No. : B1269-12W-CCT_NW
Manufacturer : BLED

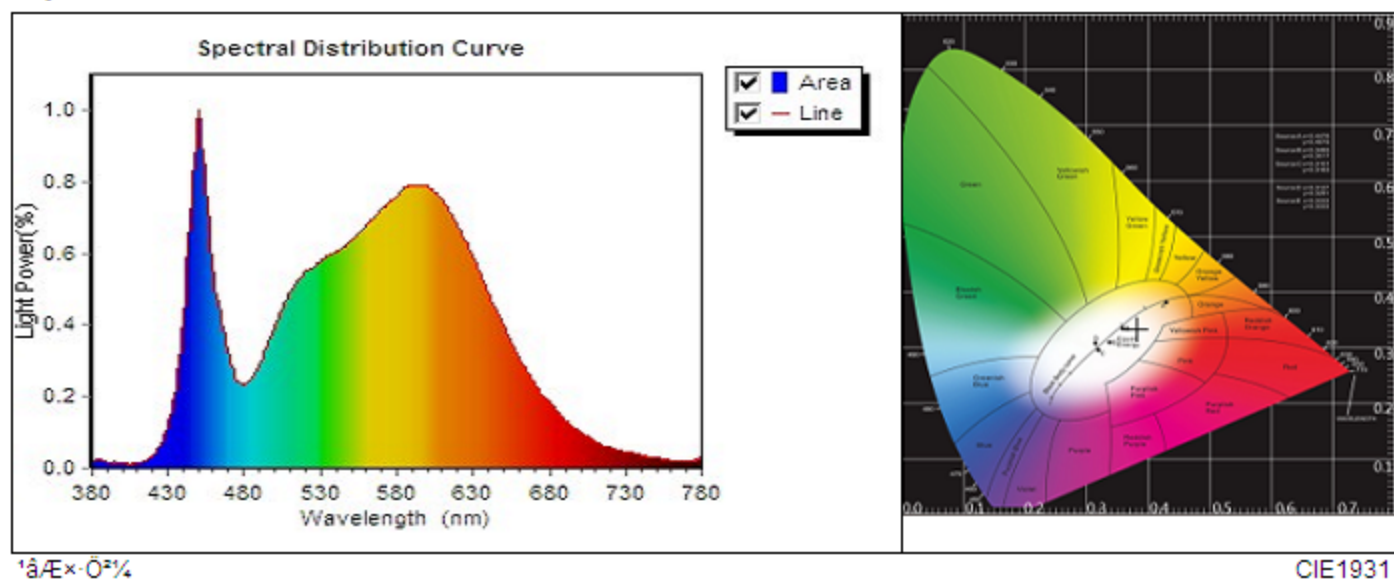
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : OBS230513J2

Test Condition

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

Humidity : 65%
Peak AD. : 51519 (78.6%)
Integral time. : 183ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3748$ $y=0.3729$ $u=0.2229$ $v=0.3327$ ($duv=-0.0001$)
Color temperature: $TC=4130$ K Color difference: $SDCM=2.8$ Main Wavelength: $\lambda_d=484.07$ nm Purity: $Purity=0.185$
Peak wavelength: $\lambda_p=450.1$ nm FWHM: $\Delta\lambda_p=19.8$ nm Color ratio: $R=19.53\%$ $G=77.10\%$ $B=3.37\%$

Color rendering index (Ra): $Ra=83.7$

$R1=82.2$ $R2=89.4$ $R3=94.7$ $R4=83.1$ $R5=82.4$ $R6=85.1$ $R7=86.4$ $R8=65.8$
 $R9=10.3$ $R10=74.9$ $R11=82.6$ $R12=62.4$ $R13=84.6$ $R14=97.2$ $R15=76.3$

Optical Parameter

Luminous flux: 1756.325 lm luminous efficiency: 146.36 lm/w Radiant flux: 5.403 W

Electrical Parameter

Voltage: 230.3 V Current: 0.092 A Watts: 12.00 W Power factor: 0.567

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