



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

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

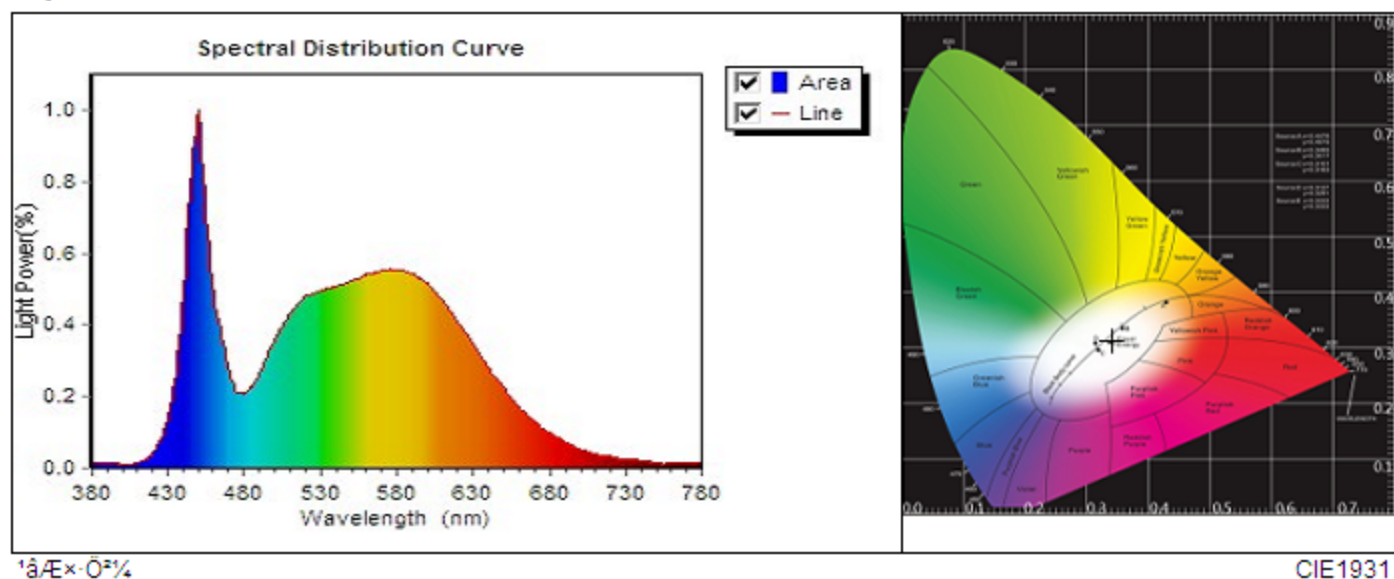
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : OBS230513J2

Test Condition

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

Humidity : 65%
Peak AD. : 53160 (81.1%)
Integral time. : 143ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3361$ $y=0.3535$ $u=0.2047$ $v=0.3228$ ($duv=0.0047$)
Color temperature: $TC=5356$ K Color difference: $SDCM=5.4$ Main Wavelength: $\lambda_d=484.07$ nm Purity: $Purity=0.285$
Peak wavelength: $\lambda_p=449.2$ nm FWHM: $\Delta\lambda_p=18.8$ nm Color ratio: $R=15.77\%$ $G=80.13\%$ $B=4.10\%$

Color rendering index (Ra): $Ra=80.6$

$R1=78.3$ $R2=85.4$ $R3=91.1$ $R4=81.0$ $R5=79.8$ $R6=80.4$ $R7=85.2$ $R8=63.7$
 $R9=-6.2$ $R10=66.2$ $R11=80.7$ $R12=60.8$ $R13=80.6$ $R14=95.3$ $R15=72.0$

Optical Parameter

Luminous flux: 1781.233 lm luminous efficiency: 148.44 lm/w Radiant flux: 5.5057 W

Electrical Parameter

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

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