



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : ROUND FITTING DOWNLIGHT
Product No. : B1268-CCT_CW
Manufacturer : BLED

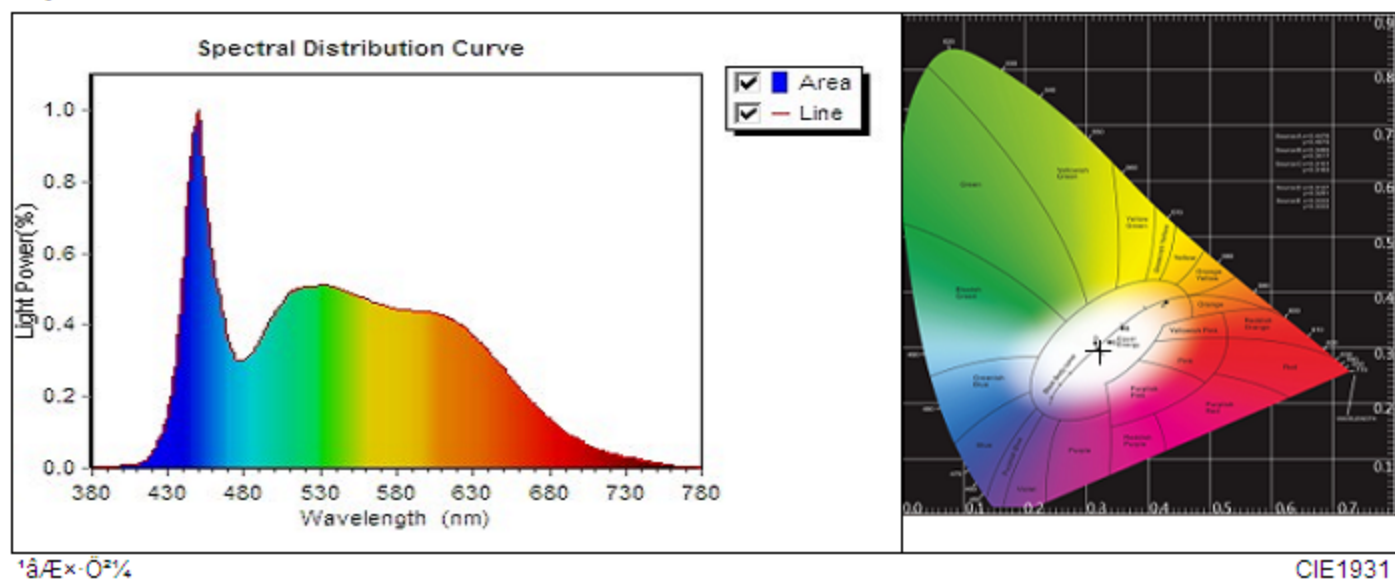
Test date. : 2023-11-22
Test equipment: SPEC2000A Spectrometer
Operator. : OBS230513J2

Test Condition

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

Humidity : 65%
Peak AD. : 47542 (72.5%)
Integral time. : 50ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3160$ $y=0.3353$ $u=0.1978$ $v=0.3147$ ($duv=0.0047$)
Color temperature: $TC=6292$ K Color difference: $SDCM=3.7$ Main Wavelength: $\lambda_d=483.1$ nm Purity: $Purity=0.342$
Peak wavelength: $\lambda_p=448.8$ nm FWHM: $\Delta\lambda_p=24.0$ nm Color ratio: $R=16.04\%$ $G=78.54\%$ $B=5.41\%$

Color rendering index (Ra): $Ra=91.4$

$R1=91.7$ $R2=92.9$ $R3=93.1$ $R4=92.6$ $R5=91.6$ $R6=89.7$ $R7=93.9$ $R8=85.5$
 $R9=54.9$ $R10=82.8$ $R11=92.4$ $R12=71.6$ $R13=92.6$ $R14=96.3$ $R15=88.9$

Optical Parameter

Luminous flux: 4266.115 lm luminous efficiency: 92.14 lm/w Radiant flux: 14.4431 W

Electrical Parameter

Voltage: 230.4 V Current: 0.209 A Watts: 46.30 W Power factor: 0.957

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