



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1278-BN
Manufacturer : BLED

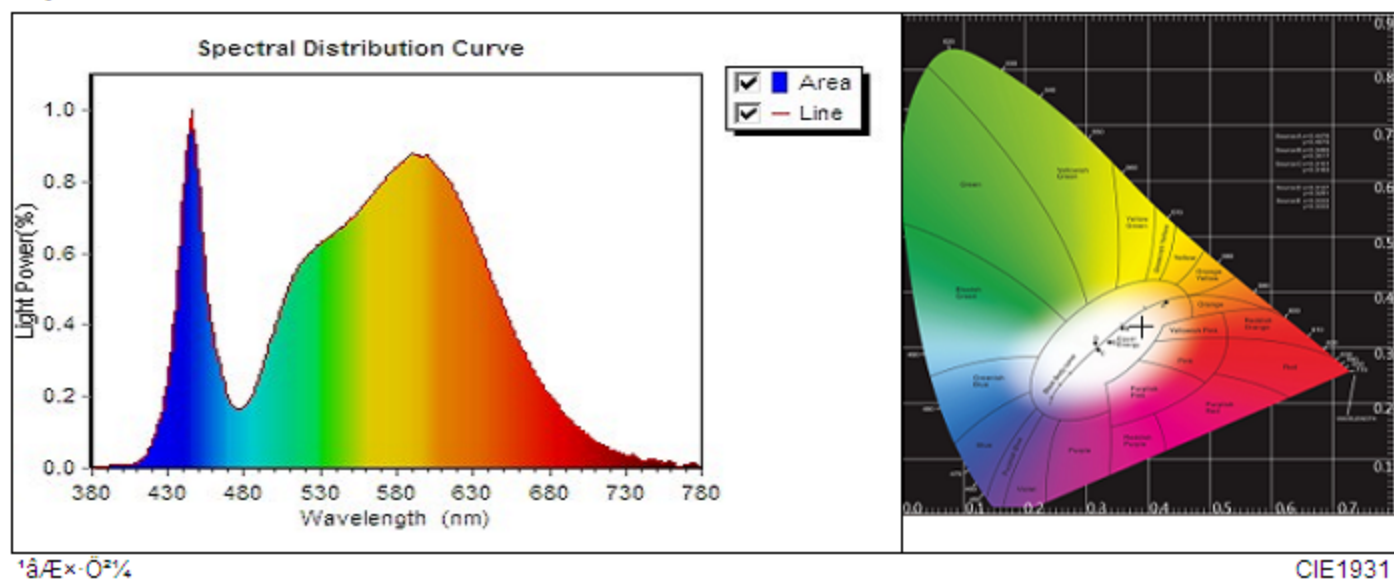
Test date. : 2025-01-02
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 36607 (55.9%)
Integral time. : 119ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3841$ $y=0.3778$ $u=0.2271$ $v=0.3351$ ($duv=-0.0006$)
Color temperature: $TC=3910$ K Color difference: $SDCM=3.4$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.161$
Peak wavelength: $\lambda_p=445.3$ nm FWHM: $\Delta\lambda_p=19.3$ nm Color ratio: $R=19.99\%$ $G=77.37\%$ $B=2.64\%$

Color rendering index (Ra): $Ra=81.2$

$R1=79.9$ $R2=85.6$ $R3=91.0$ $R4=82.1$ $R5=80.2$ $R6=80.9$ $R7=84.9$ $R8=64.3$
 $R9=5.5$ $R10=66.9$ $R11=82.2$ $R12=63.4$ $R13=81.3$ $R14=94.9$ $R15=73.8$

Optical Parameter

Luminous flux: 1897.764 lm luminous efficiency: 93.03 lm/w Radiant flux: 5.7359 W

Electrical Parameter

Voltage: 230.2 V Current: 0.146 A Watts: 20.40 W Power factor: 0.603

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