



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PLAFÓN TECHO
Product No. : LYC-1838-40-N (BN)
Manufacturer : BLED

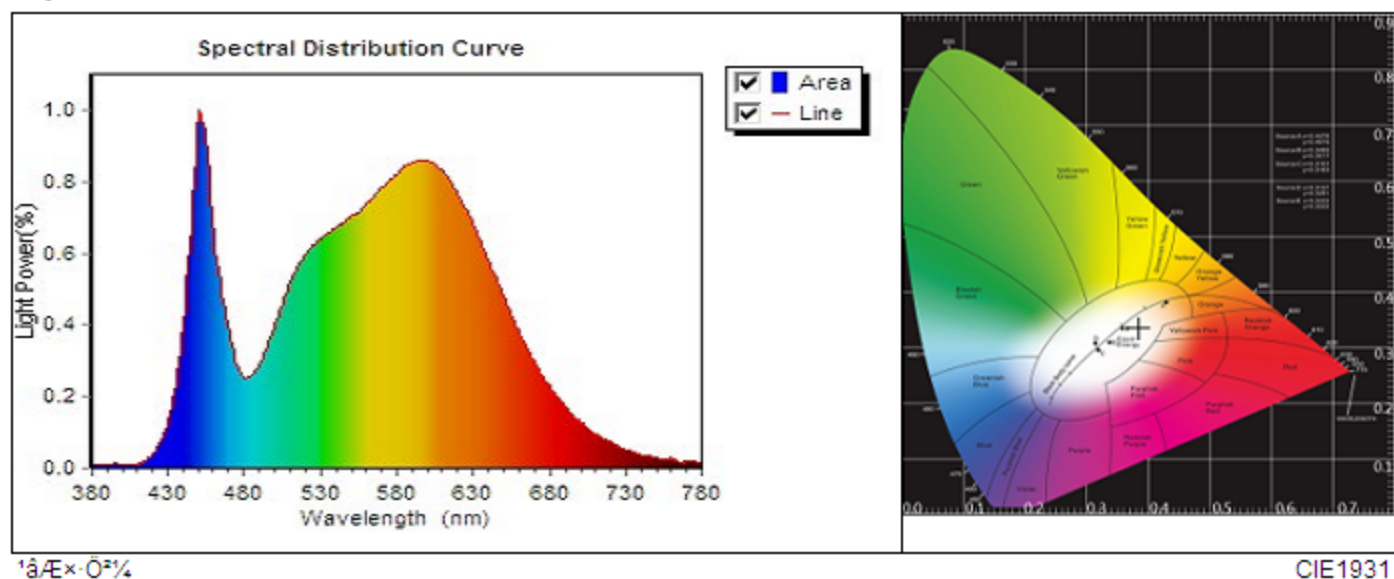
Test date. : 2025-01-24
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51675 (78.9%)
Integral time. : 113ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3787$ $y=0.3746$ $u=0.2249$ $v=0.3336$ ($duv=-0.0005$)
Color temperature: $TC=4031$ K Color difference: $SDCM=2.3$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.175$
Peak wavelength: $\lambda_p=451.6$ nm FWHM: $\Delta\lambda_p=22.0$ nm Color ratio: $R=20.08\%$ $G=76.63\%$ $B=3.29\%$

Color rendering index (Ra): $Ra=84.9$

$R1=84.0$ $R2=90.2$ $R3=94.2$ $R4=84.3$ $R5=83.6$ $R6=85.8$ $R7=87.7$ $R8=69.1$
 $R9=20.1$ $R10=76.0$ $R11=83.4$ $R12=62.0$ $R13=86.2$ $R14=96.8$ $R15=79.0$

Optical Parameter

Luminous flux: 3022.939 lm Luminous efficiency: 112.8 lm/w Radiant flux: 9.3782 W

Electrical Parameter

Voltage: 230.2 V Current: 0.125 A Watts: 26.80 W Power factor: 0.927

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