



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PLAFÓN TECHO
Product No. : LYC-2468-40-M (BC)
Manufacturer : BLED

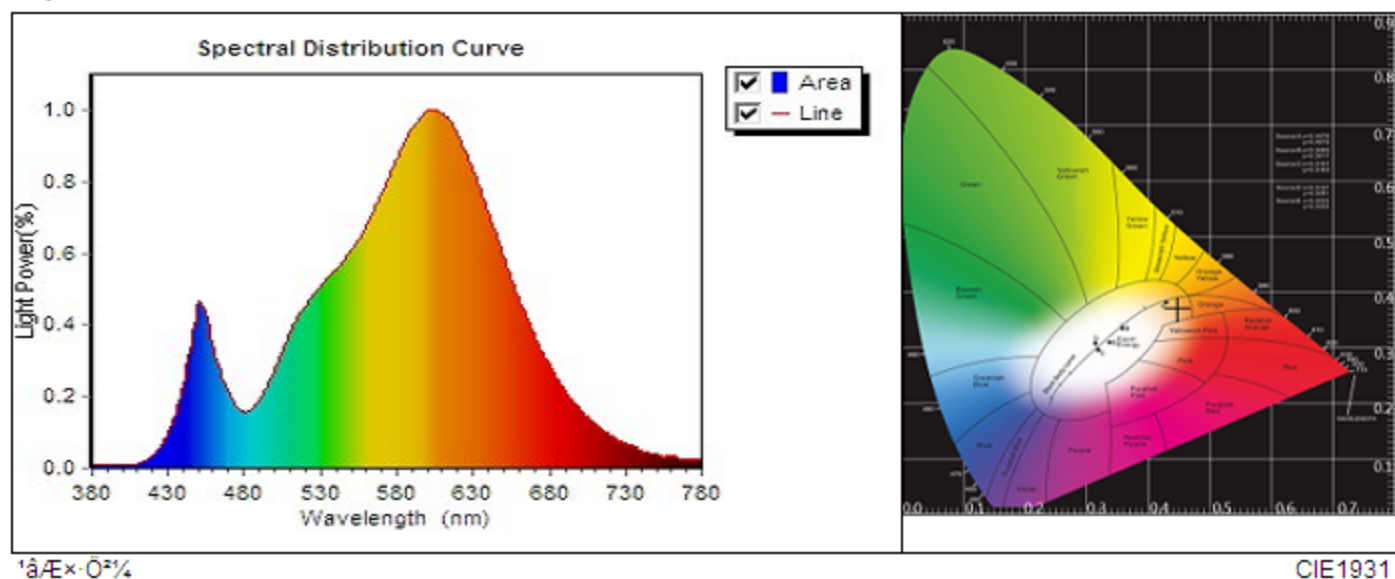
Test date. : 2025-01-24
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51733 (78.9%)
Integral time. : 117ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4419$ $y=0.4065$ $u=0.2527$ $v=0.3487$ ($duv=0.0003$)
Color temperature: $TC=2937$ K Color difference: $SDCM=1.5$ Main Wavelength: $\lambda_d=488.02$ nm Purity: $Purity=0.014$
Peak wavelength: $\lambda_p=603.4$ nm FWHM: $\Delta\lambda_p=129.5$ nm Color ratio: $R=25.02\%$ $G=72.99\%$ $B=2.00\%$

Color rendering index (Ra): $Ra=82$

$R1=80.2$ $R2=89.5$ $R3=96.8$ $R4=80.3$ $R5=80.0$ $R6=86.9$ $R7=83.2$ $R8=58.7$
 $R9=5.7$ $R10=75.8$ $R11=79.2$ $R12=68.4$ $R13=83.0$ $R14=98.4$ $R15=72.9$

Optical Parameter

Luminous flux: 2627.976 lm luminous efficiency: 92.86 lm/w Radiant flux: 8.0288 W

Electrical Parameter

Voltage: 230.2 V Current: 0.131 A Watts: 28.30 W Power factor: 0.933

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