



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

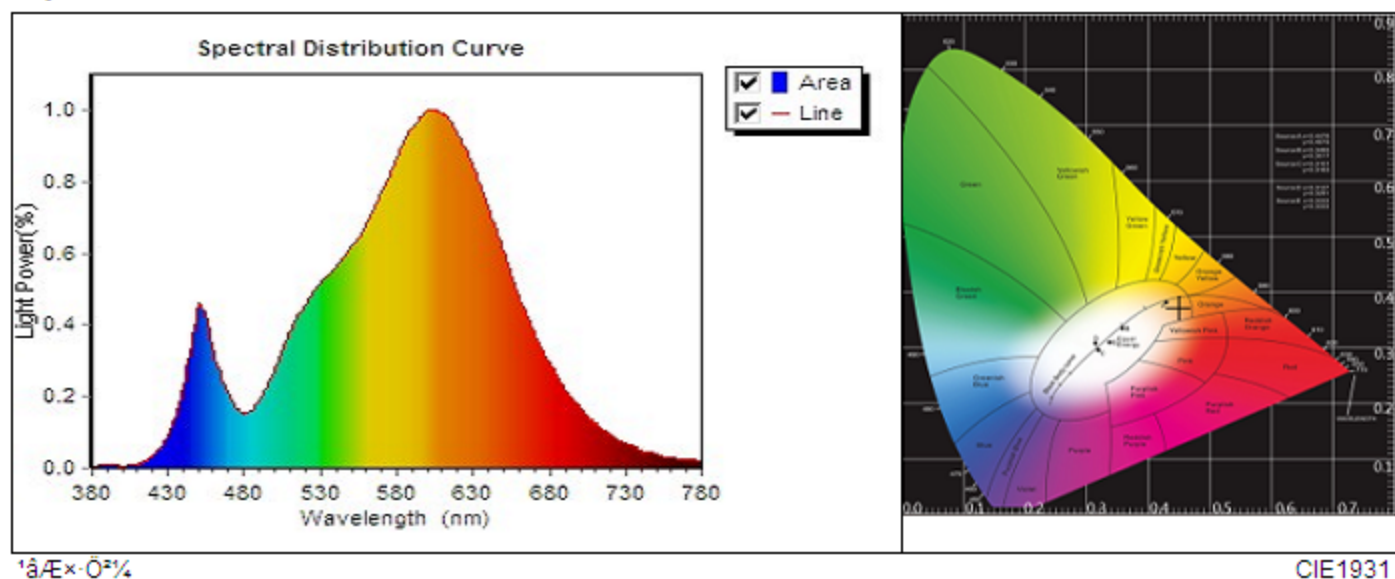
Test date. : 2025-01-24
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51351 (78.4%)
Integral time. : 117ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4431$ $y=0.4087$ $u=0.2525$ $v=0.3494$ ($duv=0.0010$)
Color temperature: $TC=2936$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=494.09$ nm Purity: $Purity=0.011$
Peak wavelength: $\lambda_p=603.2$ nm FWHM: $\Delta\lambda_p=131.3$ nm Color ratio: $R=24.96\%$ $G=73.08\%$ $B=1.96\%$

Color rendering index (Ra): $Ra=82.1$

$R1=80.2$ $R2=89.3$ $R3=96.8$ $R4=80.5$ $R5=79.9$ $R6=86.5$ $R7=83.8$ $R8=59.4$
 $R9=6.7$ $R10=75.1$ $R11=79.5$ $R12=67.4$ $R13=82.9$ $R14=98.2$ $R15=72.9$

Optical Parameter

Luminous flux: 2600.311 lm luminous efficiency: 91.24 lm/w Radiant flux: 7.9258 W

Electrical Parameter

Voltage: 230.3 V Current: 0.130 A Watts: 28.50 W Power factor: 0.944

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