



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : PLAFÓN TECHO
Product No. : LYC-2429-50-N (BC)
Manufacturer : BLED

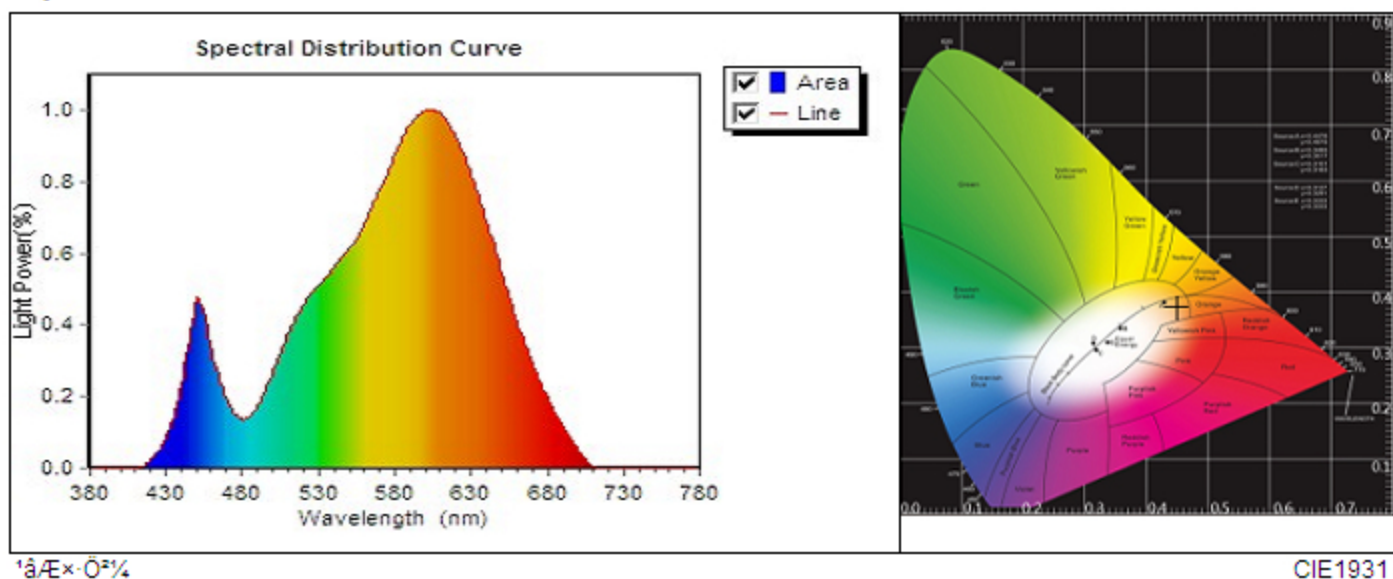
Test date. : 2025-01-24
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 42354 (64.6%)
Integral time. : 74ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4425$ $y=0.4095$ $u=0.2518$ $v=0.3495$ ($duv=0.0014$)
Color temperature: $TC=2953$ K Color difference: $SDCM=2.8$ Main Wavelength: $\lambda_d=495.04$ nm Purity: $Purity=0.013$
Peak wavelength: $\lambda_p=602.4$ nm FWHM: $\Delta\lambda_p=124.9$ nm Color ratio: $R=24.65\%$ $G=73.49\%$ $B=1.87\%$

Color rendering index (Ra): $Ra=80.2$

$R1=78.0$ $R2=88.0$ $R3=96.5$ $R4=78.5$ $R5=77.7$ $R6=84.8$ $R7=82.2$ $R8=55.3$
 $R9=-3.6$ $R10=72.4$ $R11=77.3$ $R12=63.8$ $R13=81.0$ $R14=98.0$ $R15=70.0$

Optical Parameter

Luminous flux: 3109.468 lm luminous efficiency: 87.59 lm/w Radiant flux: 8.8107 W

Electrical Parameter

Voltage: 230.5 V Current: 0.160 A Watts: 35.50 W Power factor: 0.958

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