



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : COLGANTE
Product No. : LCL-3005
Manufacturer : BLED

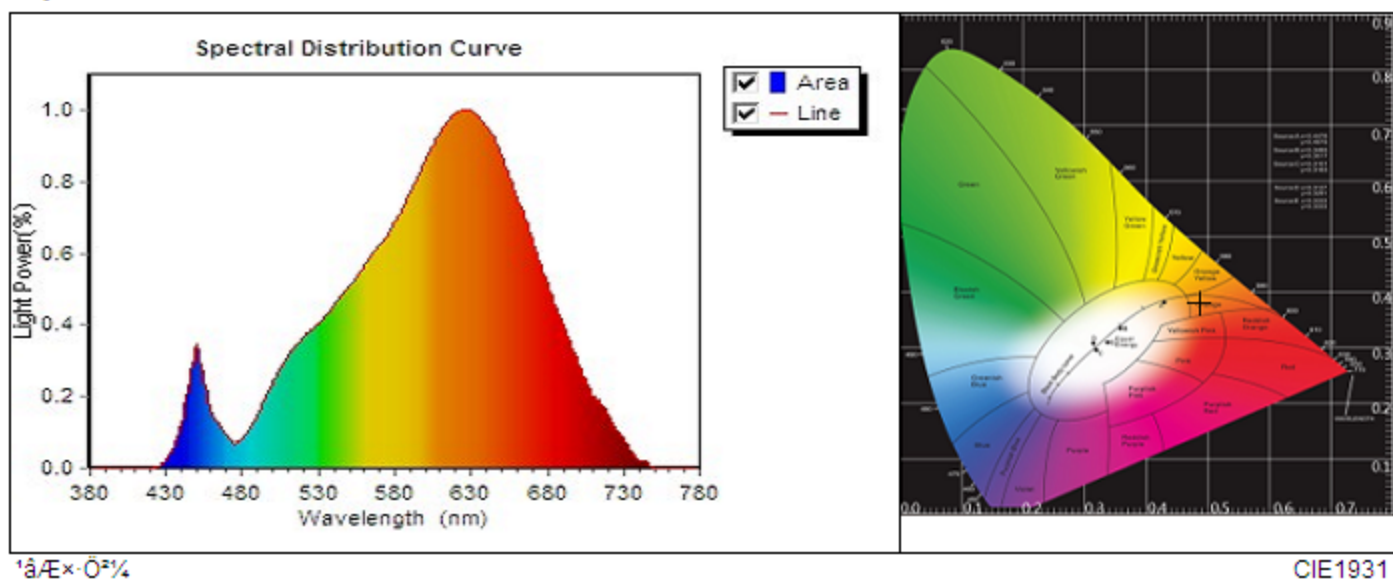
Test date. : 2025-06-11
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 54403 (83.0%)
Integral time. : 1087ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4809$ $y=0.4164$ $u=0.2734$ $v=0.3551$ ($duv=0.0008$)
Color temperature: $TC=2473$ K Color difference: $SDCM=13.0$ Main Wavelength: $\lambda_d=595.06$ nm Purity: $Purity=0.214$
Peak wavelength: $\lambda_p=626.5$ nm FWHM: $\Delta\lambda_p=132.4$ nm Color ratio: $R=30.04\%$ $G=68.50\%$ $B=1.46\%$

Color rendering index (Ra): $Ra=91.1$

$R1=91.1$ $R2=94.3$ $R3=96.3$ $R4=92.0$ $R5=90.5$ $R6=93.7$ $R7=91.4$ $R8=79.2$
 $R9=54.3$ $R10=86.3$ $R11=93.4$ $R12=80.7$ $R13=92.1$ $R14=96.9$ $R15=86.5$

Optical Parameter

Luminous flux: 264.977 lm luminous efficiency: 44.16 lm/w Radiant flux: 0.9144 W

Electrical Parameter

Voltage: 230.5 V Current: 0.045 A Watts: 6.00 W Power factor: 0.566

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