



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : COLGANTE
Product No. : LC-3000-N
Manufacturer : BLED

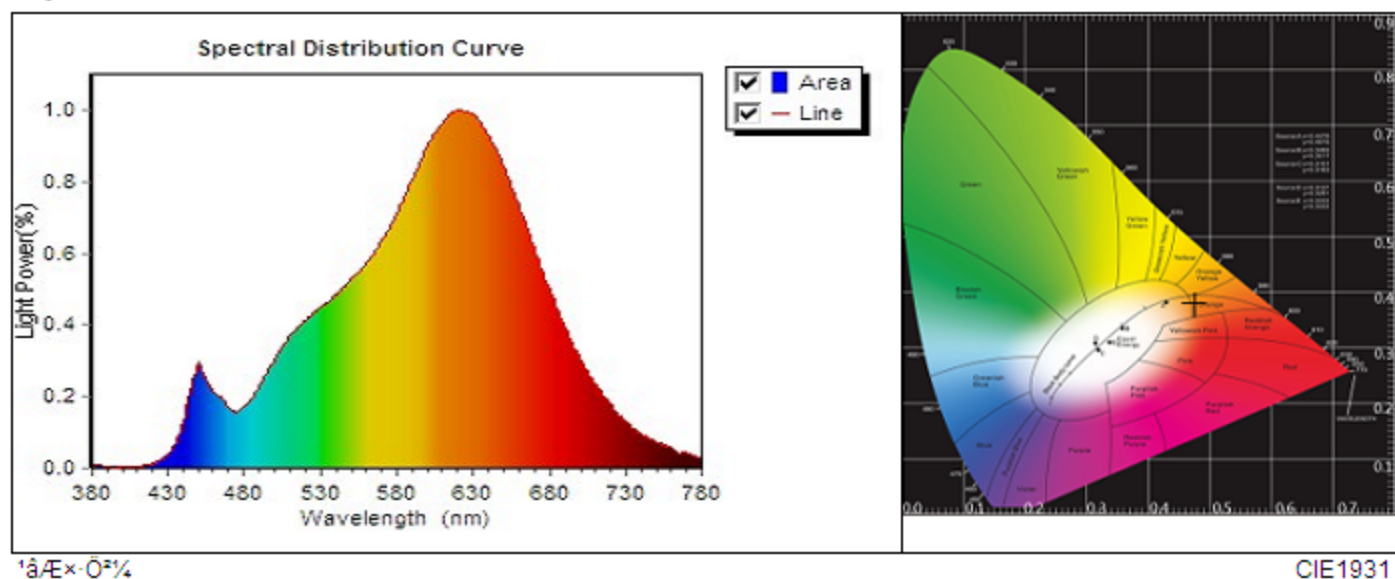
Test date. : 2025-05-13
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 48865 (74.6%)
Integral time. : 350ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4680$ $y=0.4146$ $u=0.2660$ $v=0.3534$ ($duv=0.0008$)
Color temperature: $TC=2620$ K Color difference: $SDCM=5.4$ Main Wavelength: $\lambda_d=591$ nm Purity: $Purity=0.156$
Peak wavelength: $\lambda_p=621.0$ nm FWHM: $\Delta\lambda_p=136.2$ nm Color ratio: $R=28.99\%$ $G=68.94\%$ $B=2.07\%$

Color rendering index (Ra): $Ra=93.5$

$R1=93.7$ $R2=97.4$ $R3=99.1$ $R4=94.6$ $R5=94.1$ $R6=98.0$ $R7=90.9$ $R8=79.8$
 $R9=56.4$ $R10=93.8$ $R11=97.2$ $R12=89.0$ $R13=95.4$ $R14=99.4$ $R15=88.0$

Optical Parameter

Luminous flux: 857.864 lm luminous efficiency: 43.77 lm/w Radiant flux: 3.012 W

Electrical Parameter

Voltage: 230.6 V Current: 0.089 A Watts: 19.60 W Power factor: 0.946

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