



Spectral test report for lamp

Product type : COLGANTE
Product No. : LCL-3001-AHU
Manufacturer : BLED

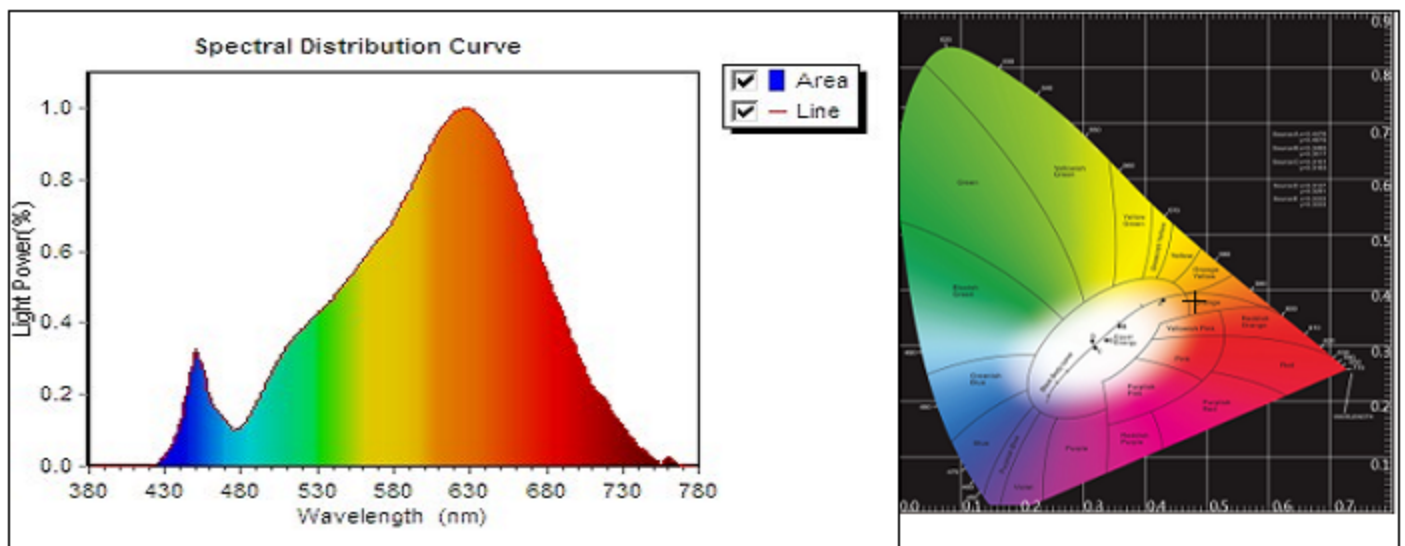
Test date. : 2025-05-06
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 52113 (79.5%)
Integral time. : 988ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4747$ $y=0.4155$ $u=0.2698$ $v=0.3543$ ($duv=0.0008$)

Color temperature: $TC=2542$ K Color difference: $SDCM=9.2$ Main Wavelength: $\lambda_d=594.05$ nm Purity: $Purity=0.182$

Peak wavelength: $\lambda_p=628.2$ nm FWHM: $\lambda_p=137.5$ nm Color ratio: $R=29.50\%$ $G=68.81\%$ $B=1.69\%$

Color rendering index (Ra): $Ra=92.7$

$R1=92.8$ $R2=95.5$ $R3=97.0$ $R4=93.7$ $R5=92.4$ $R6=95.2$ $R7=92.5$ $R8=82.1$

$R9=60.3$ $R10=88.9$ $R11=95.1$ $R12=83.1$ $R13=93.7$ $R14=97.3$ $R15=88.6$

Optical Parameter

Luminous flux: 294.816 lm luminous efficiency: 37.8 lm/w Radiant flux: 1.0367 W

Electrical Parameter

Voltage: 230.5 V Current: 0.058 A Wate: 7.80 W Power factor: 0.572

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