



## Spectral test report for lamp

Product type : COLGANTE  
Product No. : LCL-3003-N  
Manufacturer : BLED

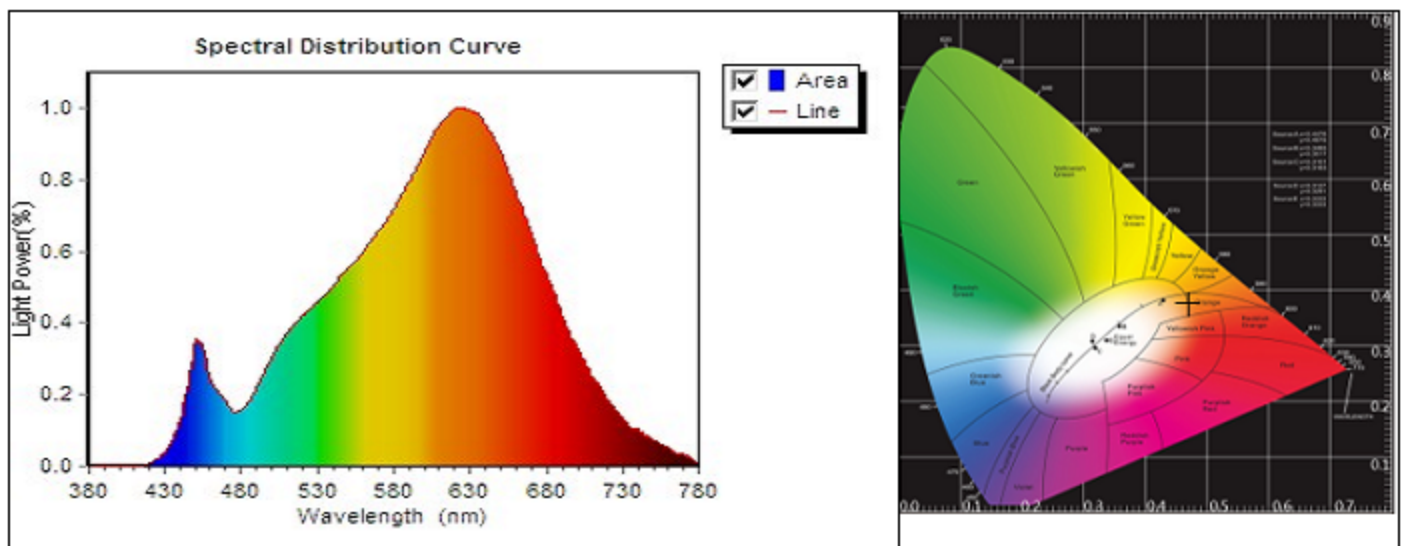
Test date. : 2025-05-06  
Test equipment : SPEC2000A Spectrometer  
Operator. : SEBASTIAN

### Test Condition

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

Humidity : 65%  
Peak AD. : 48635 (74.2%)  
Integral time. : 711ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4632$   $y=0.4124$   $u=0.2639$   $v=0.3524$  ( $duv=0.0004$ )

Color temperature:  $TC=2667$  K Color difference:  $SDCM=4.1$  Main Wavelength:  $\lambda_d=593.1$  nm Purity:  $Purity=0.109$

Peak wavelength:  $\lambda_p=624.1$  nm FWHM:  $\lambda_p=144.5$  nm Color ratio:  $R=28.47\%$   $G=69.49\%$   $B=2.04\%$

Color rendering index (Ra):  $Ra=93.6$

$R1=93.8$   $R2=96.7$   $R3=98.4$   $R4=94.3$   $R5=93.6$   $R6=96.6$   $R7=92.5$   $R8=82.7$

$R9=62.0$   $R10=91.6$   $R11=95.8$   $R12=84.8$   $R13=94.9$   $R14=98.2$   $R15=89.5$

### Optical Parameter

Luminous flux: 422.583 lm luminous efficiency: 54.18 lm/w Radiant flux: 1.4945 W

### Electrical Parameter

Voltage: 230.5 V Current: 0.057 A Wate: 7.80 W Power factor: 0.592

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