



## Spectral test report for lamp

Product type : COLGANTE  
Product No. : LCL-3002  
Manufacturer : BLED

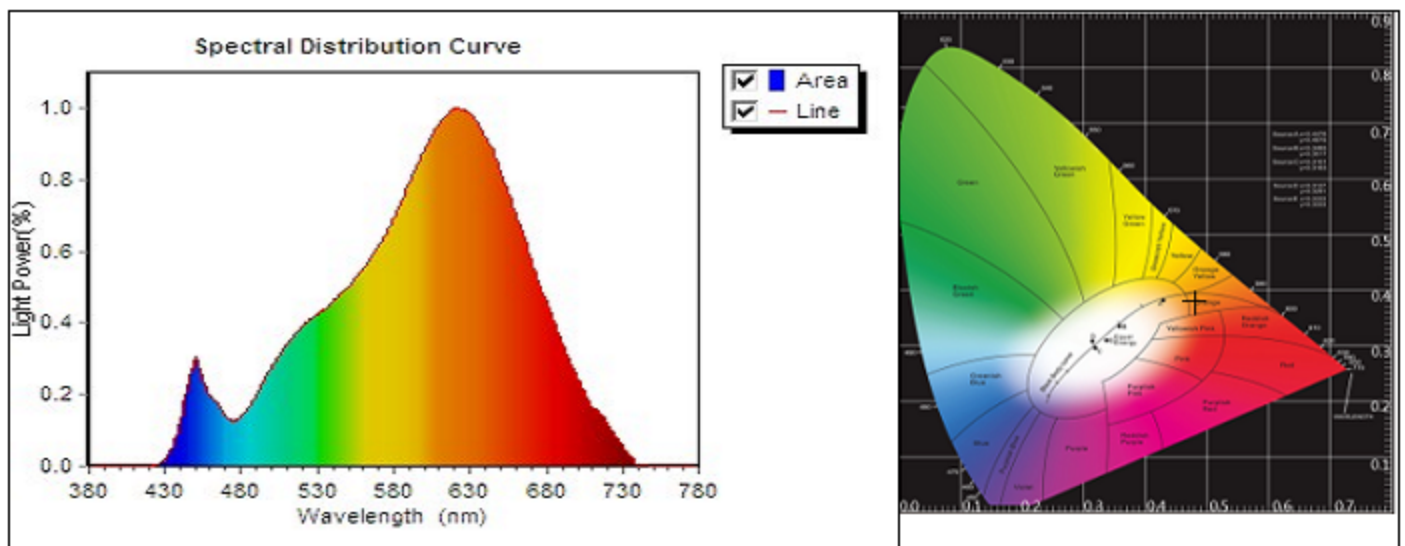
Test date. : 2025-06-11  
Test equipment : SPEC2000A Spectrometer  
Operator. :

### Test Condition

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

Humidity : 65%  
Peak AD. : 57896 (88.3%)  
Integral time. : 1087ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4739$   $y=0.4148$   $u=0.2696$   $v=0.3540$  ( $duv=0.0005$ )

Color temperature:  $TC=2547$  K Color difference:  $SDCM=9.0$  Main Wavelength:  $\lambda_d=594.08$  nm Purity:  $Purity=0.175$

Peak wavelength:  $\lambda_p=621.5$  nm FWHM:  $\lambda_p=125.8$  nm Color ratio:  $R=29.63\%$   $G=68.50\%$   $B=1.88\%$

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

$R1=92.8$   $R2=96.9$   $R3=99.2$   $R4=93.7$   $R5=93.2$   $R6=97.5$   $R7=90.1$   $R8=77.9$

$R9=52.7$   $R10=92.5$   $R11=96.5$   $R12=87.5$   $R13=94.6$   $R14=99.2$   $R15=86.9$

### Optical Parameter

Luminous flux: 286.62 lm Luminous efficiency: 35.83 lm/w Radiant flux: 0.9651 W

### Electrical Parameter

Voltage: 230.4 V Current: 0.058 A Wate: 8.00 W Power factor: 0.592

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