



## Spectral test report for lamp

Product type : COLGANTE  
Product No. : LCL-3004-N  
Manufacturer : BLED

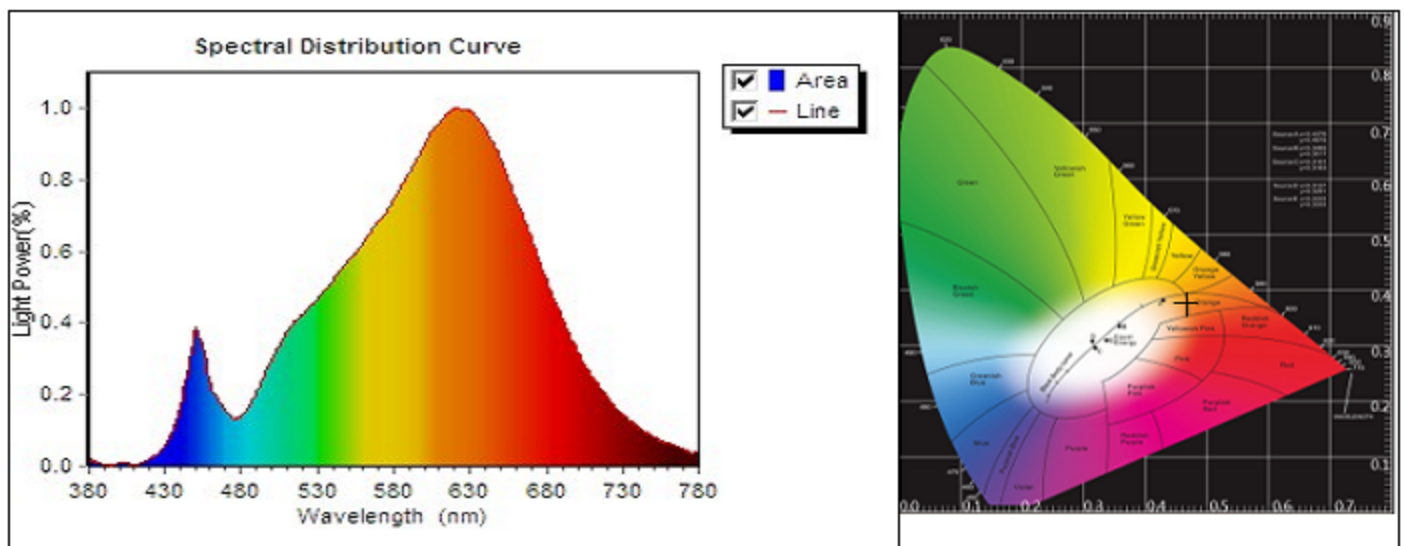
Test date. : 2025-05-06  
Test equipment : SPEC2000A Spectrometer  
Operator. : SEBASTIAN

### Test Condition

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

Humidity : 65%  
Peak AD. : 58399 (89.1%)  
Integral time. : 600ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4613$   $y=0.4122$   $u=0.2627$   $v=0.3521$  ( $duv=0.0005$ )

Color temperature:  $TC=2692$  K Color difference:  $SDCM=3.6$  Main Wavelength:  $\lambda_d=592.01$  nm Purity:  $Purity=0.101$

Peak wavelength:  $\lambda_p=621.6$  nm FWHM:  $\lambda_p=145.2$  nm Color ratio:  $R=28.00\%$   $G=70.10\%$   $B=1.90\%$

Color rendering index (Ra):  $Ra=91.6$

$R1=91.4$   $R2=94.8$   $R3=97.0$   $R4=92.1$   $R5=91.0$   $R6=94.0$   $R7=91.7$   $R8=80.0$

$R9=55.4$   $R10=87.3$   $R11=93.1$   $R12=81.7$   $R13=92.5$   $R14=97.5$   $R15=87.2$

### Optical Parameter

Luminous flux: 611.42 lm luminous efficiency: 74.56 lm/w Radiant flux: 2.1464 W

### Electrical Parameter

Voltage: 230.4 V Current: 0.058 A Wate: 8.20 W Power factor: 0.612

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