



## Spectral test report for lamp

Product type : RED LED T8  
Product No. : B4000-120-RO  
Manufacturer : BLED

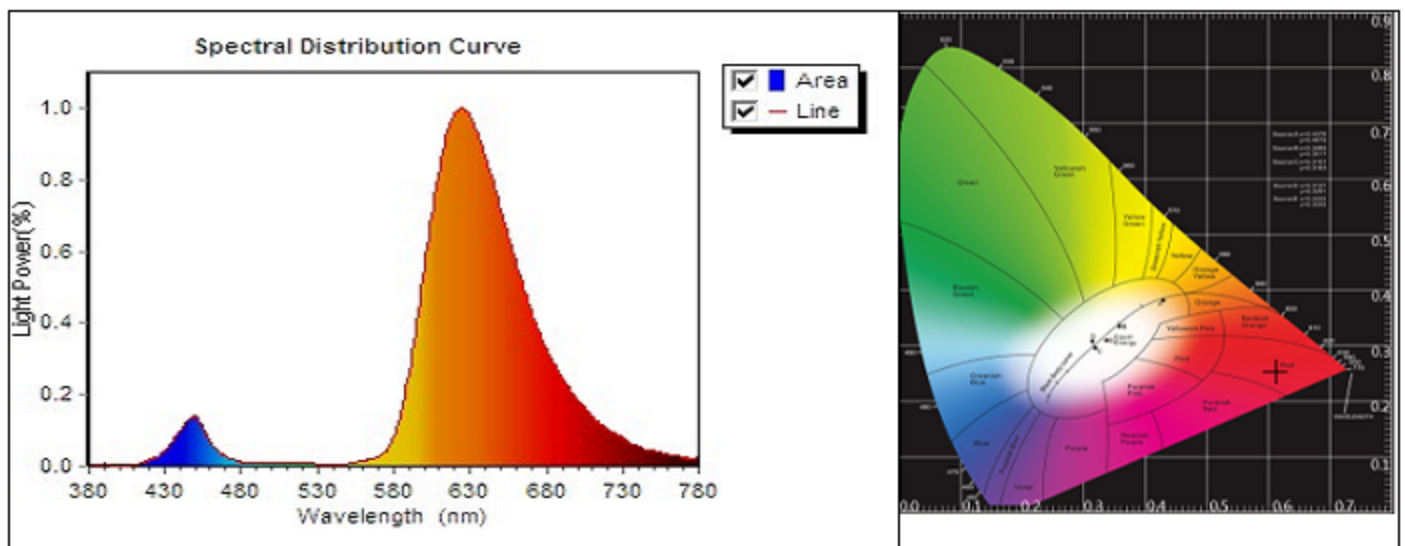
Test date. : 2020-11-19  
Test equipment : SPEC2000A Spectrometer  
Operator. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 32351 (49.4%)  
Integral time. : 301ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.6042$   $y=0.2991$   $u=0.4491$   $v=0.3335$  ( $duv=-0.0211$ )

Color temperature:  $TC=1000$  K Color difference:  $SDCM=138.1$  Main Wavelength:  $\lambda_d=497.94$  nm Purity:  $Purity=0.423$

Peak wavelength:  $\lambda_p=624.5$  nm FWHM:  $\lambda_p=66.7$  nm Color ratio:  $R=78.51\%$   $G=20.59\%$   $B=0.90\%$

Color rendering index (Ra):  $Ra=45.6$

$R1=51.4$   $R2=98.1$   $R3=40.1$   $R4=22.1$   $R5=55.2$   $R6=70.4$   $R7=29.8$   $R8=-3.0$

$R9=-67.8$   $R10=88.9$   $R11=40.6$   $R12=1.5$   $R13=73.9$   $R14=69.5$   $R15=29.4$

### Optical Parameter

Luminous flux: 213.355 lm luminous efficiency: 11.17 lm/w Radiant flux: 1.2297 W

### Electrical Parameter

Voltage: 230.2 V Current: 0.145 A Wate: 19.10 W Power factor: 0.572

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