



## Spectral test report for lamp

Product type : LED MAGNETIC RAIL LAMP  
Product No. : LM-300-N-BC  
Manufacturer : BL20220324HT

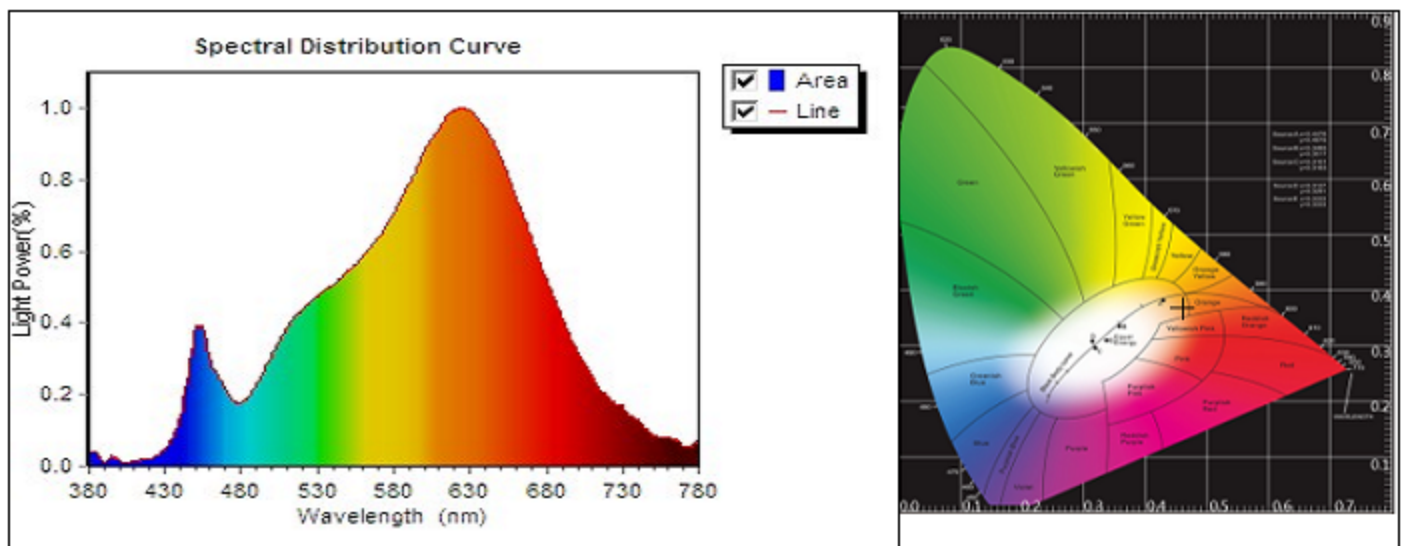
Test date. : 2022-09-12  
Test equipment : SPEC2000A Spectrometer  
Operator. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 50296 (76.7%)  
Integral time. : 927ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4552$   $y=0.4052$   $u=0.2619$   $v=0.3497$  ( $duv=-0.0016$ )

Color temperature:  $TC=2724$  K Color difference:  $SDCM=6.6$  Main Wavelength:  $\lambda_d=492.97$  nm Purity:  $Purity=0.019$

Peak wavelength:  $\lambda_p=624.6$  nm FWHM:  $\lambda_p=144.2$  nm Color ratio:  $R=28.39\%$   $G=69.36\%$   $B=2.25\%$

Color rendering index (Ra):  $Ra=95$

$R1=96.1$   $R2=98.4$   $R3=98.8$   $R4=96.0$   $R5=96.3$   $R6=97.2$   $R7=92.2$   $R8=84.4$

$R9=66.6$   $R10=95.5$   $R11=97.2$   $R12=87.6$   $R13=97.4$   $R14=98.8$   $R15=91.8$

### Optical Parameter

Luminous flux: 303.117 lm luminous efficiency: 27.56 lm/w Radiant flux: 1.0976 W

### Electrical Parameter

Voltage: 230.1 V Current: 0.093 A Wate: 11.00 W Power factor: 0.509

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