



## Spectral test report for lamp

Product type : DOWNLIGHT EMPOTRABLE  
Product No. : BD25-5W-TRIAC-3K  
Manufacturer : BLED

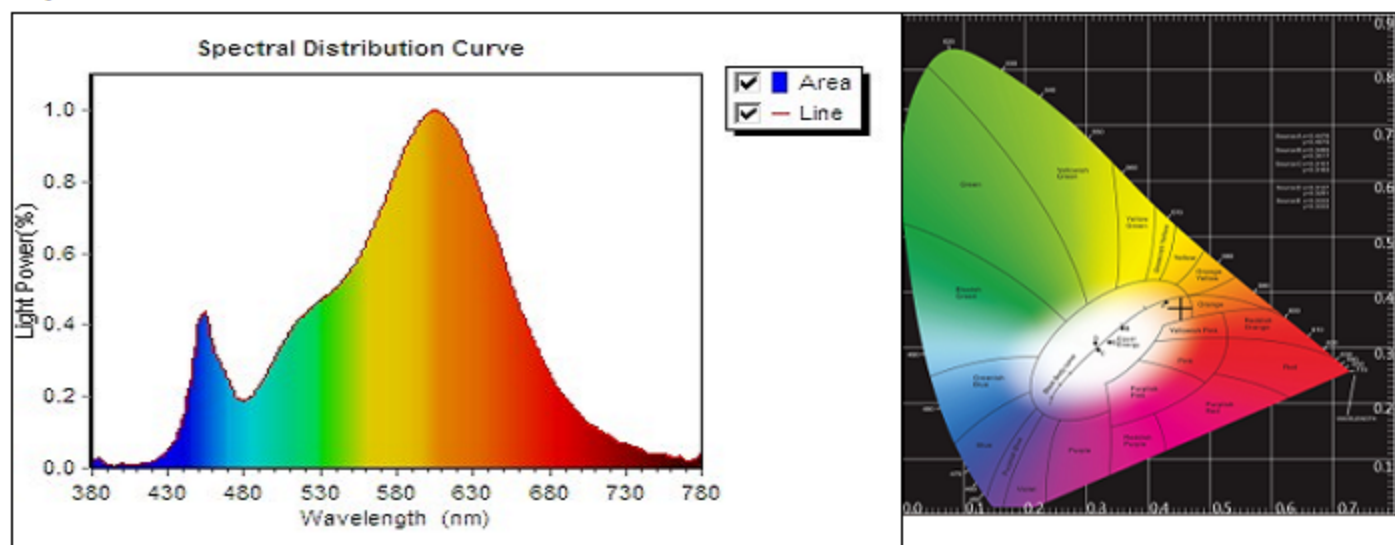
Test date. : 2024-08-27  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 50126 (76.5%)  
Integral time. : 630ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4470$   $y=0.4080$   $u=0.2553$   $v=0.3496$  ( $duv=0.0003$ )

Color temperature:  $TC=2869$  K Color difference:  $SDCM=3.5$  Main Wavelength:  $\lambda_d=504.06$  nm Purity:  $Purity=0.002$

Peak wavelength:  $\lambda_p=605.3$  nm FWHM:  $\lambda_p=118.1$  nm Color ratio:  $R=25.79\%$   $G=71.93\%$   $B=2.28\%$

Color rendering index (Ra):  $Ra=83.2$

$R1=82.1$   $R2=92.7$   $R3=94.7$   $R4=81.2$   $R5=82.7$   $R6=92.2$   $R7=81.6$   $R8=57.8$

$R9=7.2$   $R10=83.8$   $R11=81.7$   $R12=75.3$   $R13=85.6$   $R14=97.7$   $R15=73.7$

### Optical Parameter

Luminous flux: 421.21 lm Luminous efficiency: 75.22 lm/w Radiant flux: 1.2932 W

### Electrical Parameter

Voltage: 230.7 V Current: 0.026 A Wate: 5.60 W Power factor: 0.937

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