



## Spectral test report for lamp

Product type : INDUSTRIAL LIGHT  
Product No. : B7050-BN  
Manufacturer : BLED

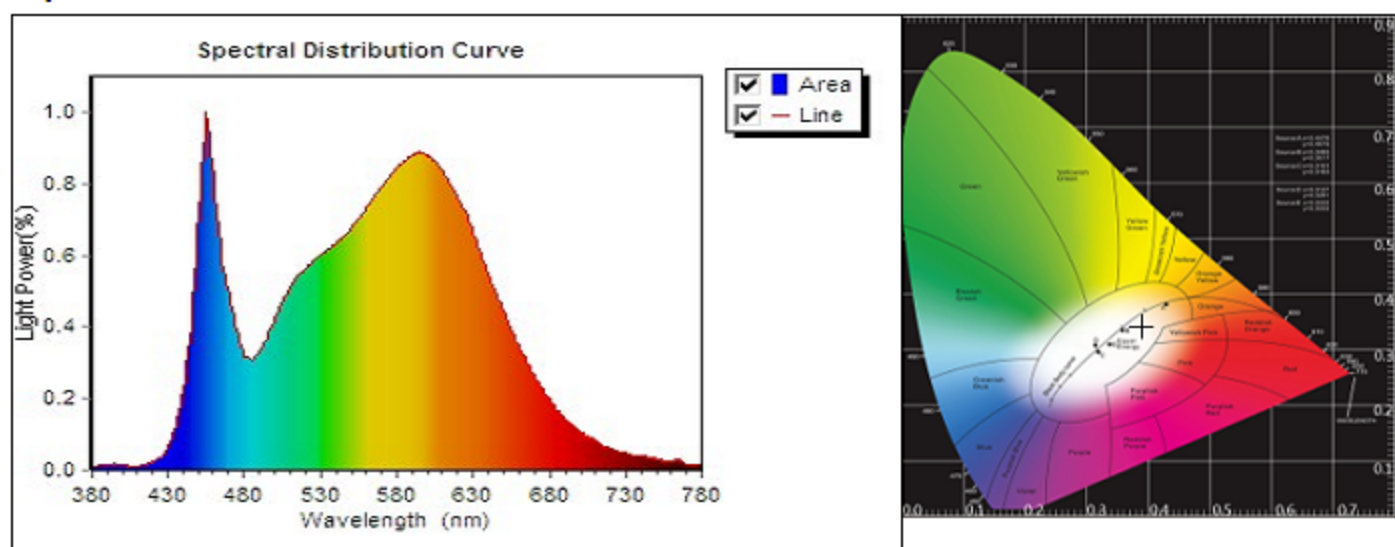
Test date. : 2021-10-27  
Test equipment : SPEC2000A Spectrometer  
Operator. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 49872 (76.1%)  
Integral time. : 51ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3837$   $y=0.3814$   $u=0.2254$   $v=0.3361$  ( $duv=0.0012$ )

Color temperature:  $TC=3947$  K Color difference:  $SDCM=1.9$  Main Wavelength:  $\lambda_d=485.01$  nm Purity:  $Purity=0.16$

Peak wavelength:  $\lambda_p=455.5$  nm FWHM:  $\lambda_p=22.5$  nm Color ratio:  $R=20.10\%$   $G=76.23\%$   $B=3.66\%$

Color rendering index (Ra):  $Ra=83.7$

$R1=82.5$   $R2=92.4$   $R3=95.7$   $R4=80.2$   $R5=82.2$   $R6=88.8$   $R7=84.3$   $R8=63.1$

$R9=9.4$   $R10=81.5$   $R11=79.6$   $R12=61.8$   $R13=86.1$   $R14=98.3$   $R15=75.8$

### Optical Parameter

Luminous flux: 5585.2 lm Luminous efficiency: 116.36 lm/w Radiant flux: 16.9956 W

### Electrical Parameter

Voltage: 230.1 V Current: 0.217 A Wate: 48.00 W Power factor: 0.958

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