



## Spectral test report for lamp

Product type : DOWNLIGHT  
Product No. : B9081-5-270  
Manufacturer : BLED

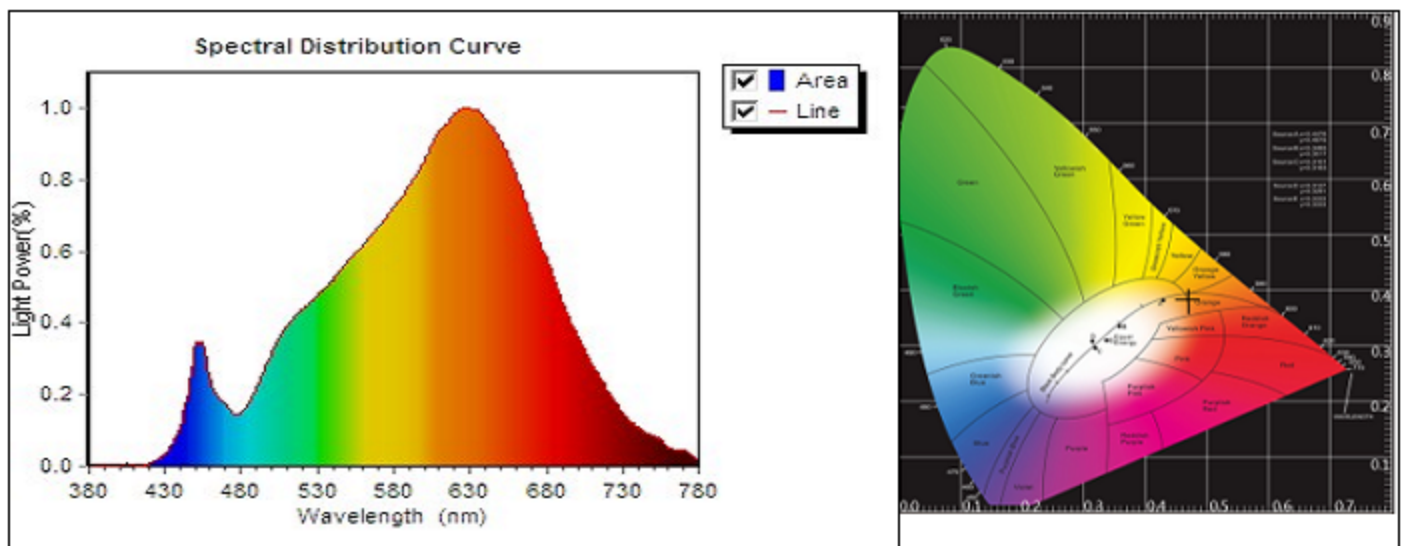
Test date. : 2021-02-12  
Test equipment : SPEC2000A Spectrometer  
Operator. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 42040 (64.1%)  
Integral time. : 701ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4627$   $y=0.4176$   $u=0.2612$   $v=0.3536$  ( $duv=0.0023$ )

Color temperature:  $TC=2714$  K Color difference:  $SDCM=1.2$  Main Wavelength:  $\lambda_d=583.02$  nm Purity:  $Purity=0.173$

Peak wavelength:  $\lambda_p=626.8$  nm FWHM:  $\lambda_p=151.2$  nm Color ratio:  $R=27.92\%$   $G=70.09\%$   $B=1.99\%$

Color rendering index (Ra):  $Ra=94.1$

$R1=94.1$   $R2=95.9$   $R3=96.8$   $R4=95.4$   $R5=93.6$   $R6=95.5$   $R7=94.9$   $R8=86.2$

$R9=67.8$   $R10=90.0$   $R11=96.8$   $R12=81.9$   $R13=94.7$   $R14=97.4$   $R15=90.4$

### Optical Parameter

Luminous flux: 344.91 lm Luminous efficiency: 57.49 lm/w Radiant flux: 1.2346 W

### Electrical Parameter

Voltage: 230.5 V Current: 0.049 A Watto: 6.00 W Power factor: 0.527

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