



## Spectral test report for lamp

Product type : MODULO  
Product No. : MODR11-24-B-2700  
Manufacturer : BLED

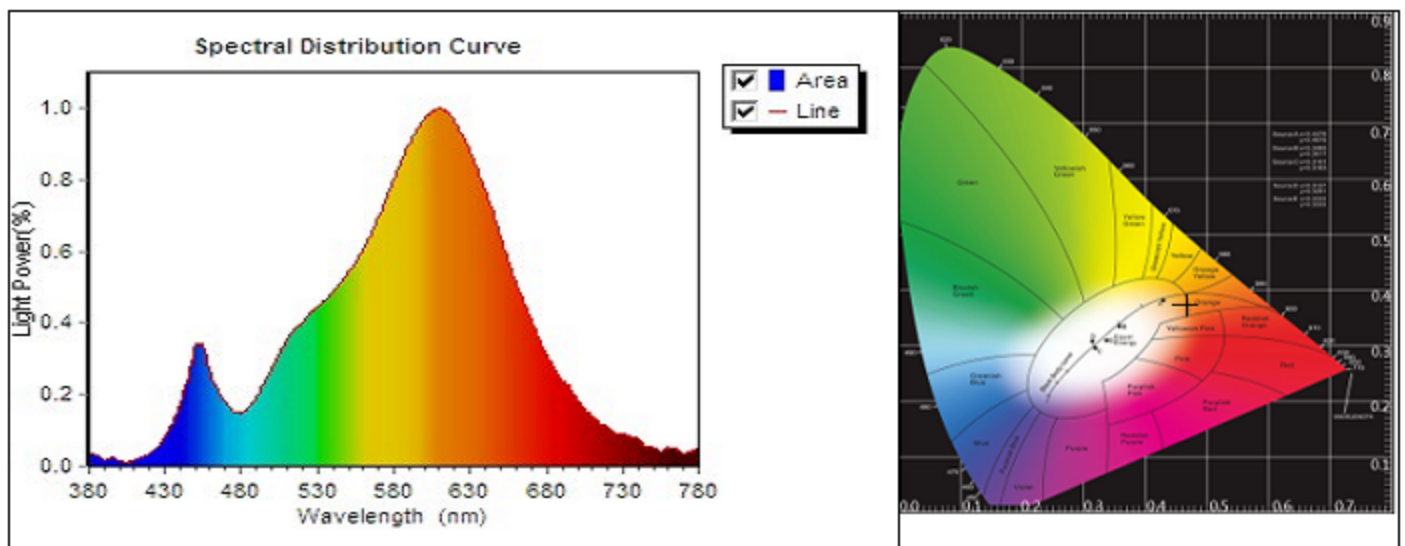
Test date. : 2020-07-10  
Test equipment : SPEC2000A Spectrometer  
Operator. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 55853 (85.2%)  
Integral time. : 280ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4590$   $y=0.4102$   $u=0.2621$   $v=0.3514$  ( $duv=-0.0001$ )  
Color temperature:  $TC=2709$  K Color difference:  $SDCM=4.3$  Main Wavelength:  $\lambda_d=596.03$  nm Purity:  $Purity=0.07$   
Peak wavelength:  $\lambda_p=609.7$  nm FWHM:  $\lambda_p=118.3$  nm Color ratio:  $R=27.22\%$   $G=70.85\%$   $B=1.93\%$

Color rendering index (Ra):  $Ra=84.5$

$R1=83.3$   $R2=92.3$   $R3=96.7$   $R4=83.2$   $R5=83.6$   $R6=91.9$   $R7=83.3$   $R8=61.1$   
 $R9=15.3$   $R10=82.8$   $R11=83.8$   $R12=78.6$   $R13=86.2$   $R14=99.0$   $R15=75.6$

### Optical Parameter

Luminous flux: 1035.477 lm luminous efficiency: 92.45 lm/w Radiant flux: 3.2972 W

### Electrical Parameter

Voltage: 230.3 V Current: 0.085 A Wate: 11.20 W Power factor: 0.569

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