

## Spectral test report for lamp

Product type : LED Highbay  
Product No. : 200watt LED  
Manufacturer : TMI

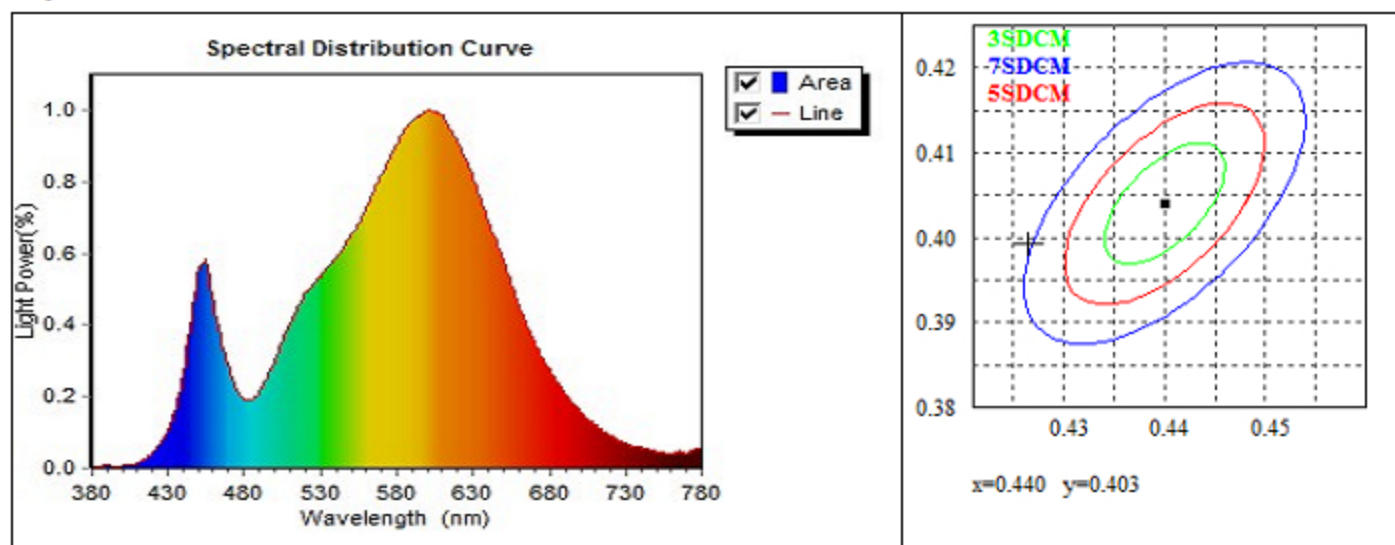
Test date. : 2020-06-04  
Test equipment : SPEC2000A Spectrometer  
Operator. :

## Test Condition

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

Humidity : 65%  
Peak AD. : 50180 (76.6%)  
Integral time. : 50ms

## Spectral Parameter



光谱分布

SDCM=7.2 SDCM Color Difference Chart

## CIE Color Parameter

Chromaticity coordinates:  $x=0.4265$   $y=0.3982$   $u=0.2464$   $v=0.3450$  ( $duv=-0.0009$ )  
Color temperature:  $TC=3134K$  Color difference:  $SDCM=7.2$  Main Wavelength:  $\lambda_d=485.01nm$  Purity:  $Purity=0.053$   
Peak wavelength:  $\lambda_p=601.3 nm$  FWHM:  $\Delta\lambda_p=133.7 nm$  Color ratio:  $R=23.63\%$   $G=74.05\%$   $B=2.32\%$

Color rendering index (Ra):  $Ra=81.3$

$R1=79.4$   $R2=89.4$   $R3=96.1$   $R4=78.7$   $R5=79.2$   $R6=85.9$   $R7=82.9$   $R8=58.6$   
 $R9=4.1$   $R10=75.2$   $R11=76.9$   $R12=66.1$   $R13=82.3$   $R14=98.2$   $R15=72.8$

## Optical Parameter

Luminous flux: 21045.2 lm luminous efficiency: 101.28 lm/w Radiant flux: 52.6711 W

## Electrical Parameter

Voltage: 220.6 V Current: 0.961 A Watte: 207.80 W Power factor: 0.98