

Spectral test report for lamp

Product type : LED Highbay
Product No. : 150watt LED
Manufacturer : TMI

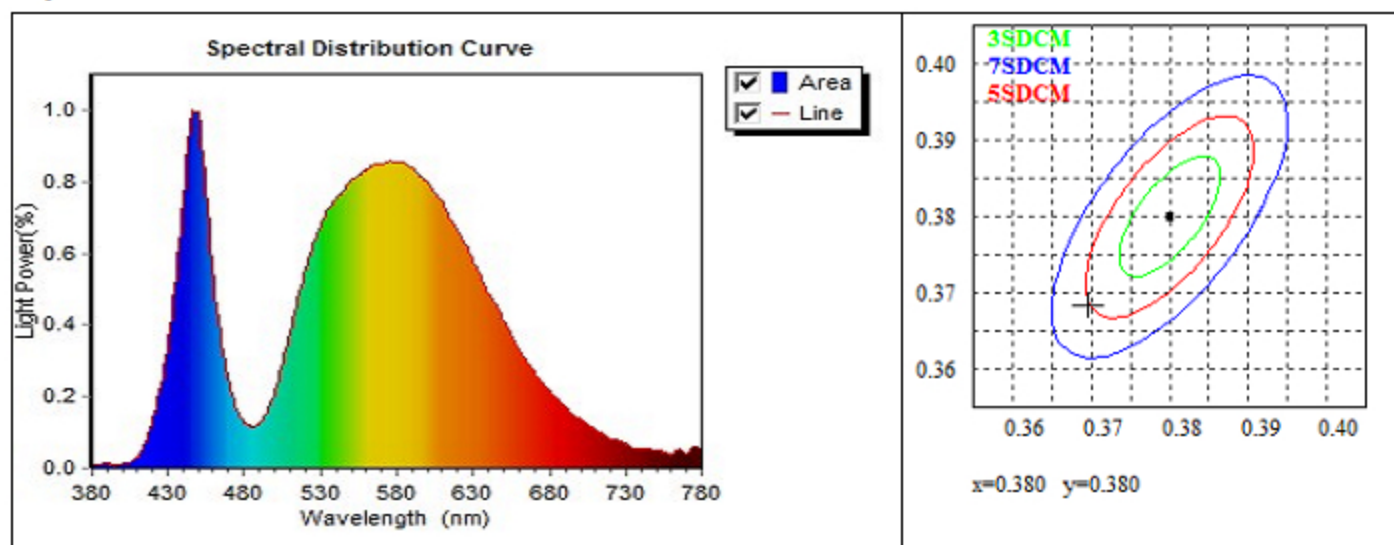
Test date. : 2020-06-04
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 34974 (53.4%)
Integral time. : 50ms

Spectral Parameter



光谱分布

SDCM=5.1 SDCM Color Difference Chart

CIE Color Parameter

Chromaticity coordinates: $x=0.3696$ $y=0.3683$ $u=0.2213$ $v=0.3308$ ($duv=-0.0007$)
Color temperature: $TC=4252$ K Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=484.09$ nm Purity: $Purity=0.201$
Peak wavelength: $\lambda_p=447.4$ nm FWHM: $\Delta\lambda_p=25.7$ nm Color ratio: $R=17.80\%$ $G=79.91\%$ $B=2.29\%$

Color rendering index (Ra): $Ra=72.9$

$R1=71.5$ $R2=77.8$ $R3=80.7$ $R4=73.0$ $R5=70.4$ $R6=67.2$ $R7=82.1$ $R8=60.4$
 $R9=-11.7$ $R10=45.3$ $R11=67.9$ $R12=40.6$ $R13=72.3$ $R14=88.6$ $R15=68.1$

Optical Parameter

Luminous flux: 15748.98 lm luminous efficiency: 103.14 lm/w Radiant flux: 33.1766 W

Electrical Parameter

Voltage: 220.6 V Current: 0.748 A Watte: 152.70 W Power factor: 0.97