

Spectral test report for lamp

Product type : LED Highbay
 Product No. : 100watte LED
 Manufacturer : TMI

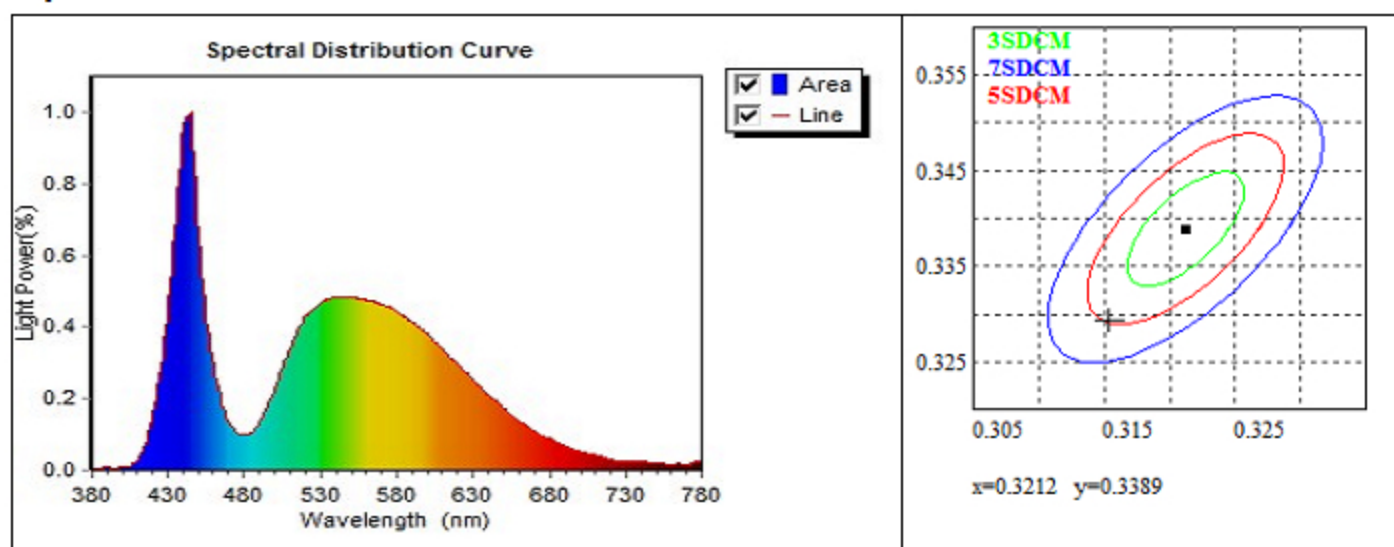
Test date. : 2020-06-04
 Test equipment : SPEC2000A Spectrometer
 Operator. :

Test Condition

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

Humidity : 65%
 Peak AD. : 51528 (78.6%)
 Integral time. : 50ms

Spectral Parameter



光谱分布

SDCM=5.1 SDCM Color Difference Chart

CIE Color Parameter

Chromaticity coordinates: $x=0.3154$ $y=0.3293$ $u=0.1996$ $v=0.3126$ ($duv=0.0020$)
 Color temperature: $TC=6356$ K Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=482.01$ nm Purity: $Purity=0.347$
 Peak wavelength: $\lambda_p=442.9$ nm FWHM: $\Delta\lambda_p=21.9$ nm Color ratio: $R=13.87\%$ $G=82.91\%$ $B=3.22\%$

Color rendering index (Ra): $Ra=72.6$

$R1=73.6$ $R2=74.1$ $R3=73.9$ $R4=74.5$ $R5=75.0$ $R6=66.7$ $R7=77.1$ $R8=65.3$
 $R9=-11.3$ $R10=38.4$ $R11=76.6$ $R12=50.2$ $R13=72.4$ $R14=85.2$ $R15=68.8$

Optical Parameter

Luminous flux: 10300.42 lm luminous efficiency: 101.68 lm/w Radiant flux: 36.4128 W

Electrical Parameter

Voltage: 220.6 V Current: 0.589 A Watte: 101.30 W Power factor: 0.95