

## Spectrum Test Report

Sample : CHE20ZG1012  
 Specification : CH1157S-12.5W-5000K  
 Sample No. : CH/BG6-2013454-01-120V  
 Manufacturer : CH LIGHTING

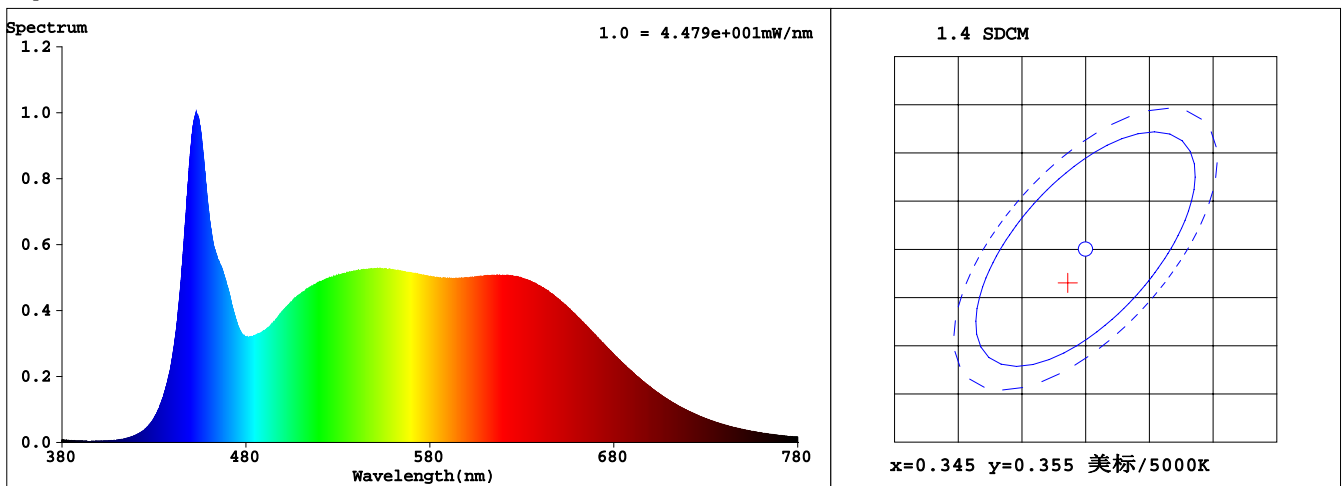
Date : 2020-10-14  
 Sam. Status : OK (1T2 TYPE A OSRAM)  
 Instrument : HaasSuite(EVERFINE)  
 Test by : 沈凌江

### Test Condition

Temperature : 26.1Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test

RH : 58%  
 IP : 52569 (80%)  
 T : 176 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3433$   $y = 0.3518$  /  $u' = 0.2101$   $v' = 0.4845$  ( $duv=8.21e-04$ )

CCT= 5070K Prcp WL:  $L_d=570.8nm$  Purity=8.6%

Peak WL:  $L_p=453nm$  FWHM:  $=23.6nm$  Ratio:R=17.4% G=77.1% B=5.5%

Render Index:  $R_a = 94.8$

R1 =96 R2 =97 R3 =96 R4 =94 R5 =94 R6 =93 R7 =96  
 R8 =92 R9 =81 R10=92 R11=94 R12=71 R13=97 R14=97 R15=95

### Photometric & Radiometric Parameters

Flux = 1662.9 lm Eff. : 56.75 lm/W  $F_e = 5.8575 W$

### Electrical parameters

$V = 120.0 V$   $I = 0.2450 A$   $P = 29.30 W$  PF = 0.9963

## Spectrum Test Report

Sample : CHE20ZG1012  
 Specification : CH1157S-12.5W-5000K  
 Sample No. : CH/BG6-2013454-01-277V  
 Manufacturer : CH LIGHTING

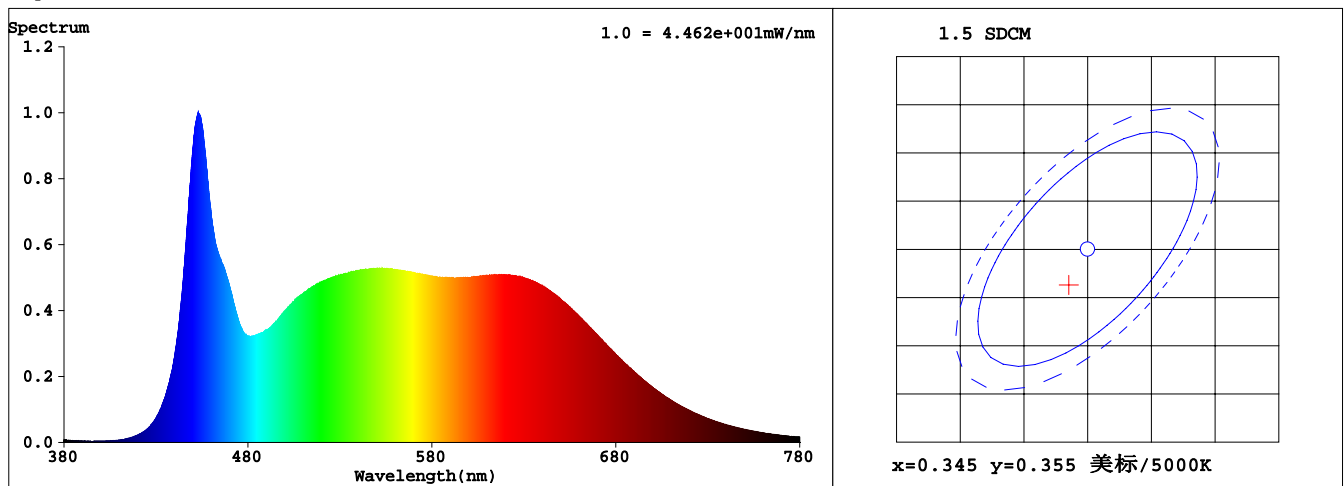
Date : 2020-10-14  
 Sam. Status : OK (1T2 TYPE A OSRAM)  
 Instrument : HaasSuite(EVERFINE)  
 Test by : 沈凌江

### Test Condition

Temperature : 26.1Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test

RH : 58%  
 IP : 52502 (80%)  
 T : 176 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3432$   $y = 0.3516$  /  $u' = 0.2102$   $v' = 0.4844$  ( $duv=7.41e-04$ )

CCT= 5073K Prcp WL: Ld=570.9nm Purity=8.5%

Peak WL: Lp=453nm FWHM: =23.9nm Ratio:R=17.4% G=77.1% B=5.5%

Render Index: Ra = 94.8

R1 =96 R2 =97 R3 =96 R4 =95 R5 =94 R6 =93 R7 =96  
 R8 =92 R9 =81 R10=92 R11=94 R12=71 R13=97 R14=98 R15=95

### Photometric & Radiometric Parameters

Flux = 1660.6 lm Eff. : 56.14 lm/W Fe = 5.8533 W

### Electrical parameters

V = 277.0 V I = 0.1103 A P = 29.58 W PF = 0.9683