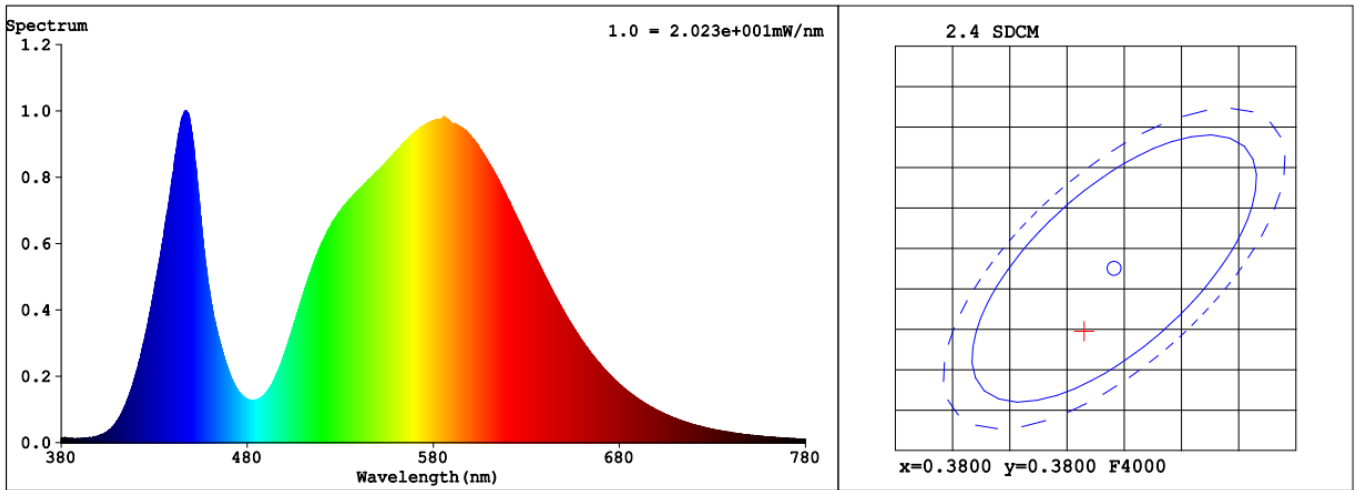




# Spectrum Test Report

Sample :	RH : 65.0%	<b>Test Condition</b>
Specification : T8 LED 10W 4000K	IP : 52333(80%)	Temperature : 25.3Deg
Sample No. : 1-588.7mm 2-580mm	T : 829 ms	WL Range : 380nm-780nm
Manufacturer : SEASTAR MARINE SUPPLY PTE LTD	Delicacy : Low	Test Mode : Fast Test

## Spectrum



Spectral Distribution

CIE 1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3777$   $y = 0.3738$  /  $u' = 0.2245$   $v' = 0.4999$   
 (duv=-5.98e-04)  
 CCT= 4053K Prcp WL: Ld=579.2nm Purity=25.5%  
 Peak WL: Lp=447nm FWHM: =27.3nm Ratio:R=16.7% G=80.9% B=2.3%

Render Index: Ra = 72.2  
 R1 =70 R2 =78 R3 =84 R4 =72 R5 =70 R6 =69 R7 =80  
 R8 =54 R9 =0 R10=48 R11=68 R12=46 R13=71 R14=91 R15=64  
 LEVEL:OUT WHITE:ANSI\_4000K

## Photometric & Radiometric Parameters

Flux = 1103.7 lm Eff. : 114.52 lm/W Fe = 3.2411 W  
 Photons1:2.695e+000 umol/s(400~500nm) Photons2:4.767e+000 umol/s  
 (600~700nm)  
 Electrical parameters  
 V = 220.4 V I = 0.07965 A P = 9.638 W PF = 0.5490

Test report From: EVERFINE CORPORAION Tester: Xu

Test Instrumen: Haas Suite (EVERFINE) Auditor: Damin

Test Date:18 June 2021 10 : 10 : 18