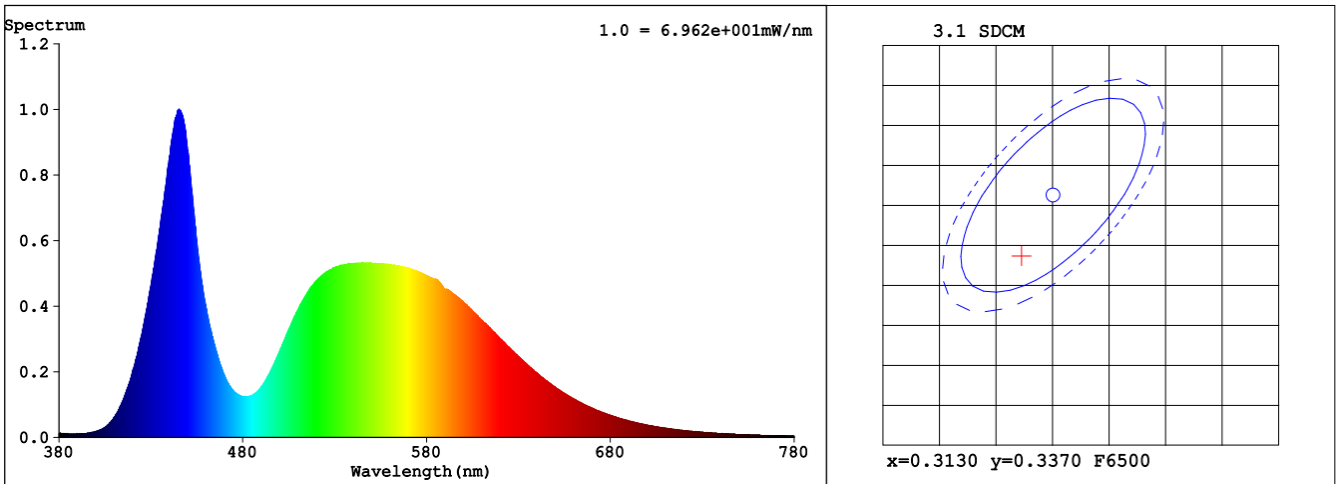




Spectrum Test Report

Sample :	RH : 65.0%	Test Condition
Specification : T8 LED 20W 6500K	IP : 49285(75%)	Temperature : 25.3Deg
Sample No. : 1198mm	T : 442 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: $x = 0.3106$ $y = 0.3309$ / $u' = 0.1956$ $v' = 0.4690$
 (duv=-5.26e-03)
 CCT= 6604K Prcp WL: Ld=490.4nm Purity=7.9%
 Peak WL: Lp=445nm FWHM: =26.0nm Ratio:R=11.8% G=84.3%
 B=3.8%

Render Index: Ra = 71.7
 R1 =70 R2 =74 R3 =77 R4 =74 R5 =72 R6 =67 R7 =79
 R8 =60 R9 =0 R10=39 R11=74 R12=49 R13=69 R14=87 R15=63
 LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 2244.7 lm Eff. : 116.58 lm/W Fe = 7.0823 W
 Photons1:8.992e+000 umol/s(400~500nm) Photons2:6.618e+000 umol/s
 (600~700nm)

Electrical parameters

V = 220.4 V I = 0.1629 A P =19.25W PF = 0.5362

Test report From: EVERFINE CORPORAION Tester: Xu

Test Instrumen: Haas Suite (EVERFINE) Auditor: Damin

Test Date:18 June 2021 10 : 10 : 18