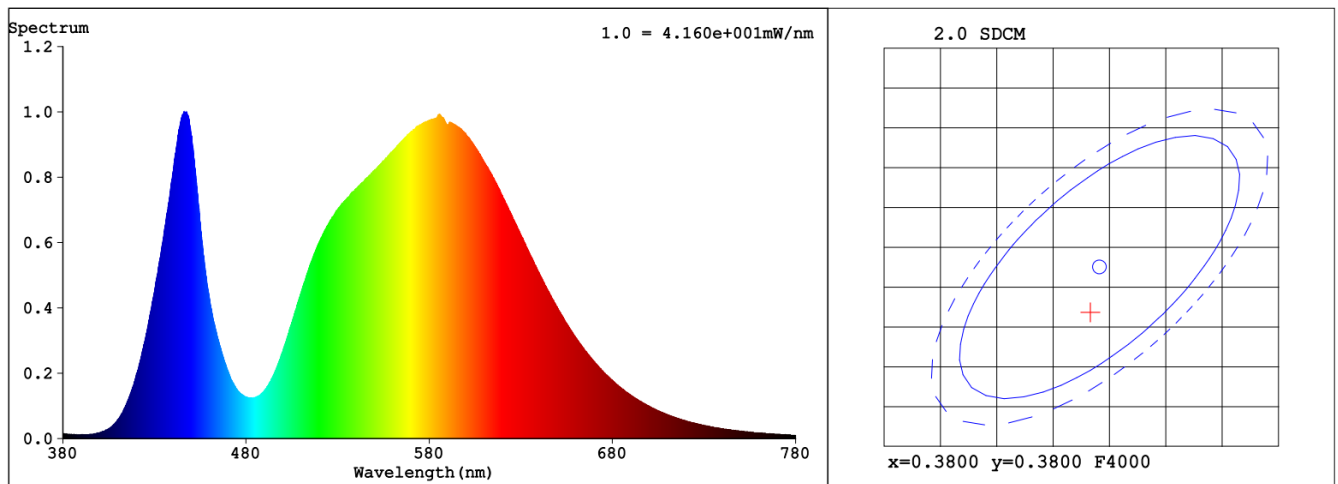




Spectrum Test Report

| | | |
|--|-----------------|------------------------|
| Sample : | RH : 65.0% | Test Condition |
| Specification : T8 LED 20W 6500K | IP : 57768(88%) | 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: $x = 0.3793$ $y = 0.3754$ / $u' = 0.2249$ $v' = 0.5008$
 (duv=-2.80e-04)
 CCT= 4021K Prcp WL: Ld= 579.2nm Purity= 26.5%
 Peak WL: Lp= 446nm FWHM: = 26.7nm Ratio:R= 16.8% G= 80.9% B= 2.3%

Render Index: Ra = 72.1
 R1 =70 R2 =78 R3 =84 R4 =72 R5 =69 R6 =69 R7 =80
 R8 =53 R9 =0 R10=48 R11=68 R12=46 R13=71 R14=91 R15=63
 LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 2277.7 lm Eff. : 121.15 lm/W Fe = 6.6615 W
 Photons1:5.439e+000 umol/s(400~500nm) Photons2:9.876e+000 umol/s
 (600~700nm)

Electrical parameters

V = 220.4 V I = 0.1599 A P =18.80W PF = 0.5336

Test report From: EVERFINE CORPORAION Tester: Xu

Test Instrumen: Haas Suite (EVERFINE) Auditor: Damin

Test Date:18 June 2021 10 : 10 : 18