

Spectrum Test Report

Sample :
Specification : UTFS-HECOB480-2410R-Red
Sample No. : 4
Manufacturer :

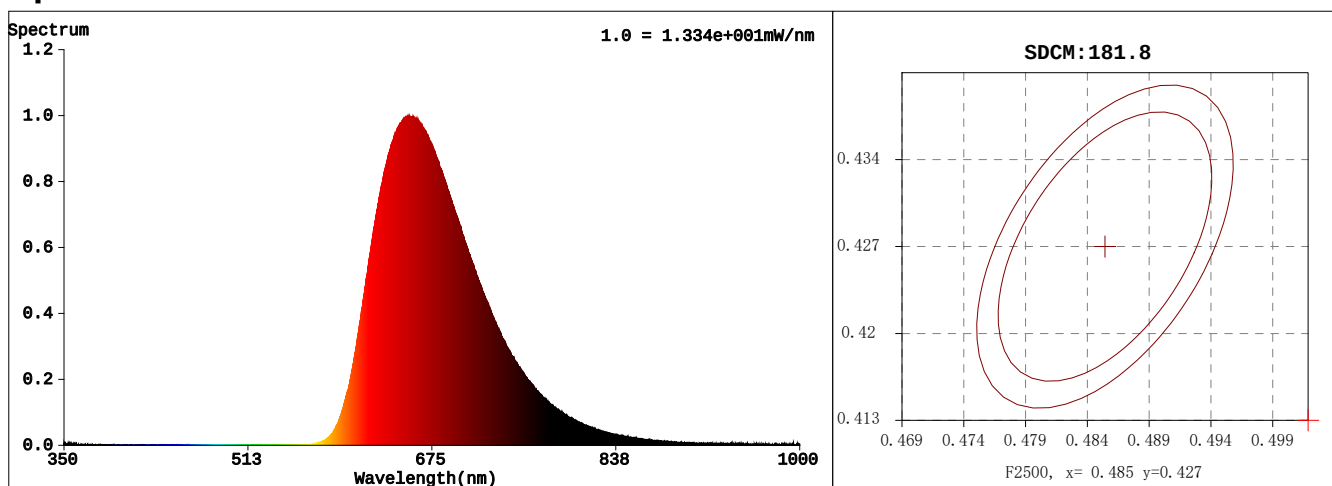
Date : 2020-10-21 15:04:26
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 48863 (75%)
T : 941 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6929$ $y = 0.3056$ / $u' = 0.5247$ $v' = 0.5208$ ($duv = -7.72e-02$) $Dx, Dy: 0.0402, -0.0389$

CCT= 1001K Prcp WL: $L_d = 621.5nm$ Purity=99.6%

Peak WL: $L_p = 655nm$ FWHM: $\approx 99.9nm$ Ratio: R=91.4% G=8.6% B=0.0%

Render Index: $R_a = 34.0$

R1 =17 R2 =77 R3 =44 R4 =0 R5 =16 R6 =77 R7 =41

R8 =0 R9 =0 R10=75 R11=0 R12=82 R13=34 R14=65 R15=1

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 103.52 lm Eff. : 8.91 lm/W $Fe = 1.4663 W$

(EQE):165.97%

Flux of emitted photons($\mu mol/s$):7.8492 Fluo. and blue light ratio:12997 Fluorescent eff.:126.2

A: $1.2757e-001mW$

B: $1.4663e+003mW$

Electrical parameters

V = 24.00 V I = 0.4841 A P = 11.62 W PF = 1.000

Freq=0.00 Hz