

Spectrum Test Report

Sample :
Specification : UTFS-HECOB480-2408R-Red
Sample No. : 1
Manufacturer :

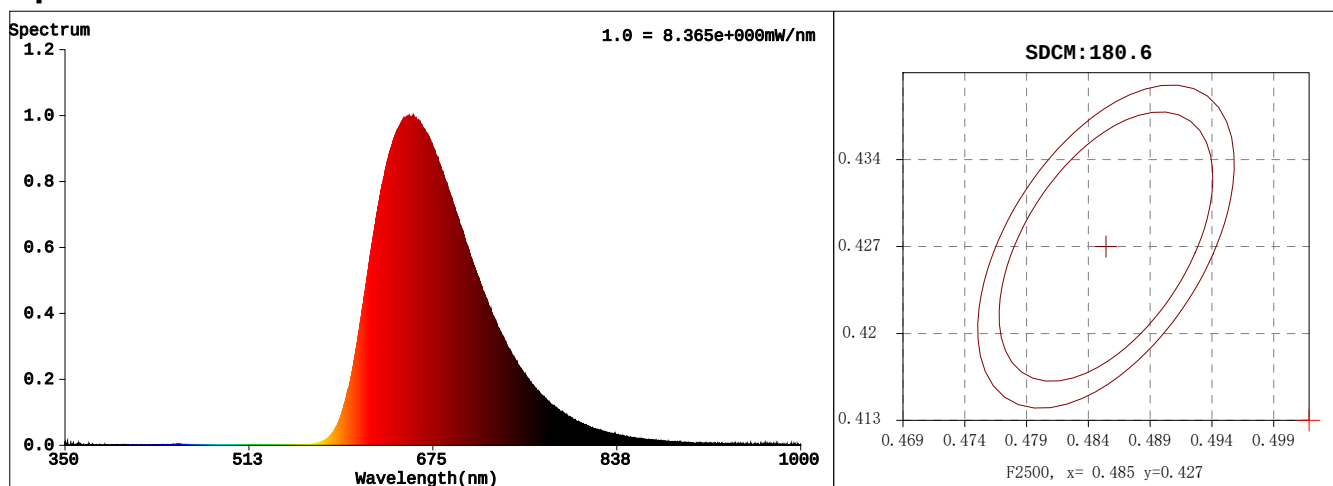
Date : 2020-10-21 15:08:45
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : CHM
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 51579 (79%)
T : 1585 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6911$ $y = 0.3059$ / $u' = 0.5228$ $v' = 0.5206$ ($duv = -7.52e-02$) $Dx, Dy: 0.0384, -0.0386$

CCT= 1001K Prcp WL: $L_d = 621.4nm$ Purity=99.1%

Peak WL: $L_p = 658nm$ FWHM: =99.8nm Ratio: R=90.9% G=9.0% B=0.0%

Render Index: $R_a = 34.6$

R1 =18 R2 =77 R3 =44 R4 =0 R5 =18 R6 =78 R7 =42

R8 =0 R9 =0 R10=76 R11=0 R12=83 R13=35 R14=65 R15=2

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 66.083 lm Eff. : 7.31 lm/W $F_e = 919.24 mW$

(EQE):133.53%

Flux of emitted photons($\mu mol/s$):4.9218 Fluo. and blue light ratio:7574 Fluorescent eff.:101.6

A: $6.1821e-002mW$

B: $9.1924e+002mW$

Electrical parameters

V = 24.00 V I = 0.3769 A P = 9.045 W PF = 1.000

Freq=0.00 Hz