

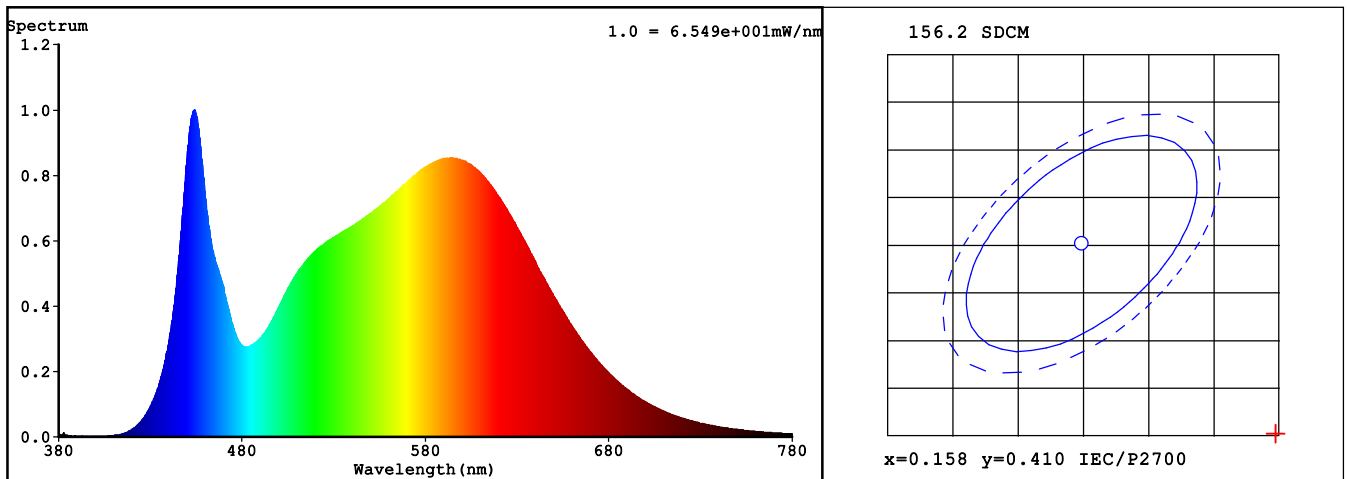
Spectrum Test Report

Sample :	Date : 2019-08-25 14:39:49
Specification : T8十三 1.5M23W155颗HL D46 40K A44	Standardtus :
Sample No. : 191111-3 SFY 0101131240N	Instrument : HaasSuite(EVERFINE)
Manufacturer :	Test by : HW
Assessor : damin	
Remark :	

Test Condition

Temprature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 47944 (73%)
Test Mode : Accuracy Test	T : 286 ms
Sensitivity : Low	

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3789$ $y = 0.3778$ / $u' = 0.2237$ $v' = 0.5018$ ($duv=9.41e-04$) $Dx, Dy: 0.0006, 0.0024$

CCT= 4048K Prcp WL: $L_d=578.4nm$ Purity=27.1%

Peak WL: $L_p=454nm$ FWHM: $\approx 23.0nm$ Ratio: R=18.2% G=78.0% B=3.8%

Render Index: $R_a = 83.4$

R1 =82	R2 =91	R3 =96	R4 =81	R5 =82	R6 =86	R7 =86	
R8 =64	R9 =10	R10=77	R11=80	R12=60	R13=84	R14=98	R15=76

Photometric & Radiometric Parameters

Flux = 3231.0 lm Eff. : 139.81 lm/W $F_e = 9.7895 W$

Flux of emitted photons($\mu mol/s$):45.989 Fluo. and blue light ratio:4.583 Fluorescent eff.:316.3

Photons1:8.187e+000 $\mu mol/s(400\sim 500nm)$ Photons2:1.585e+001 $\mu mol/s(600\sim 700nm)$

Electrical parameters

$V = 230.25 V$ $I = 0.1104 A$ $P = 23.11 W$ $PF = 0.9092$ $F=49.99 Hz$