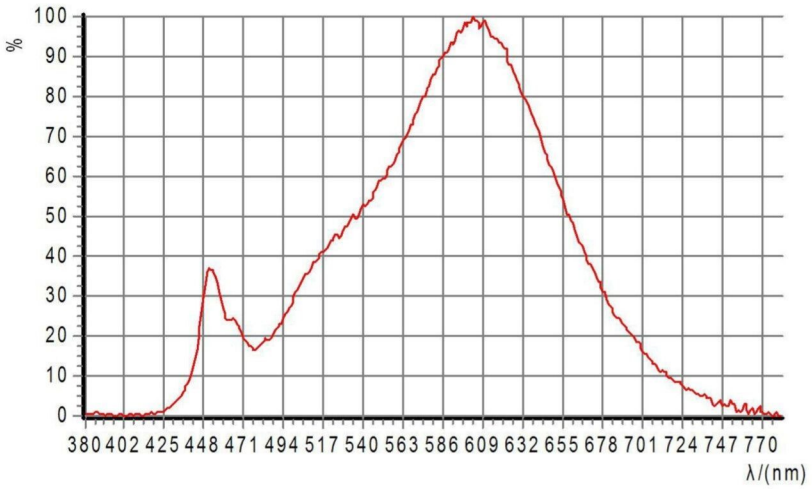
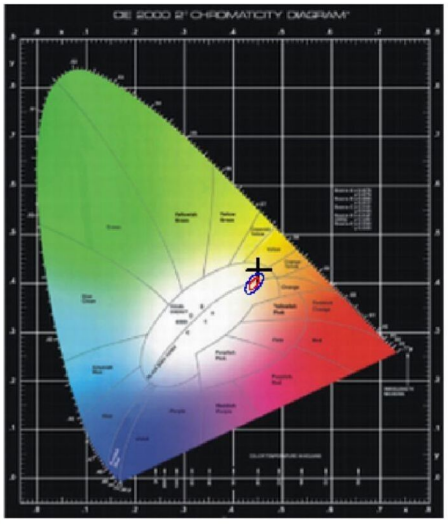
LED Integrated Testing System test report

test item:	LED spectrum analyse			
equipment:	ZWL-600 Light Color Power Comprehensive Testing System			
Test Identifier	Product	52133 - white part	Manufacturer :	
	Temperature	25 ° C	Humidity :	60 %
	Conner :	WT	Date :	2021-9-27
	Organ :			

curve of spectrum power distributing





Spectrum		Electrical		
λ p :	603.1 nm	I(warm-up) :	3000.0 mA	
λ d :	582.1 nm	warm-up Time :	500 ms	
λ m:	556.5 nm	I(test):	333.800 mA	
λ c :	531.0 nm	V(Forward) :	12.00 V	
Δ λ :	123.0 nm	φ v :	646.726 lm	
Tc :	2849 K	Light Effi :	80.730 lm/w	
CIE(x,y) :	0.4558, 0.4221	P:	8.011 W	
CIE(u,v) :	0.2548, 0.3540	PF:		
Ra :	82.3	R1: 80.2	R2: 90.6	R3: 96.8
Purity :	0.635	R4: 78.4	R5: 78.4	R6: 87.4
Light Power :	11426.0209 mw	R7: 84.0	R8: 58.3	R9: 4.2
SDCM:	8.95	R10: 78.1	R11: 72.7	R12: 63.8
DUV:	0.0046	R13: 82.4	R14: 98.6	R15: 71.7

Remark :

YU-FB-5050-RGBW-300 IP22

2021-9-27 上午