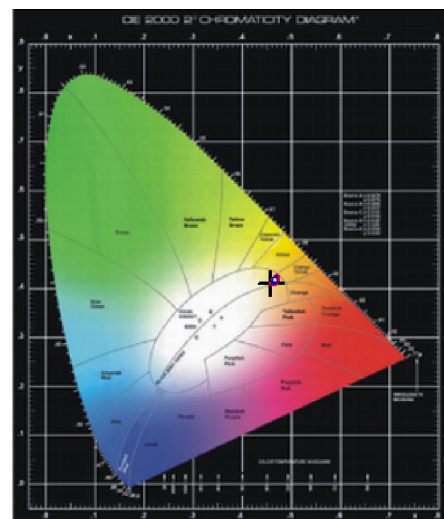
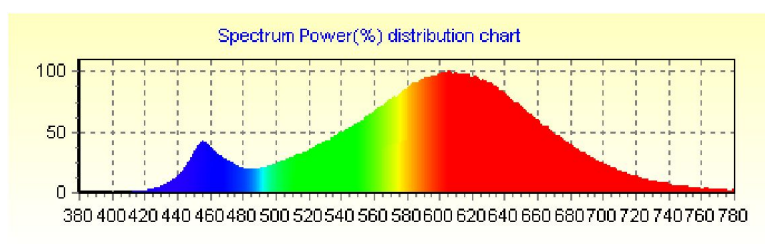


LED Integrated Testing System test report

test item:	LED spectrum analyse		
equipment:	Led test system		
certificate we have:	The certificate of CSA, optoelectronic oranization of COEMA and Hi-tech enterprice.		
Test Identifier	Mode:	OSRAM 12W WWW	Manufacturer: INCOMP
	Temperature:	22 ° C	Humidity: 65 %
	Conner:	2700k	Date: 2013.JUN.12
	Organ:		

curve of spectrum power distributing



Spectrum		Electrical parameter			
λ (Peak):	606.0 nm	I(test):	100.000 mA		
λ (Main):	583.5 nm	Vf:	228.100 V		
λ (Centroid):	557.7 nm	Φ_v :	1050.462 lm		
λ (Center):	531.0 nm	Efficiency:	93.603 lm/w		
BandWidth:	128.0 nm	P:	11.3 W		
ColorTemp:	2761 K	PFC:	0.492		
CIE(x,y):	0.4569, 0.4132	R1:80.1	R2:91.7	R3:95.2	
CIE(u,v):	0.2595, 0.3519	R4:75.7	R5:78.9	R6:88.5	
Ra:	81.3	R7:81.5	R8:59.1	R9:13.6	
Purity:	0.612	R10:79.8	R11:66.3	R12:69.6	
Light Power:	4544.3882 mw	R13:82.3	R14:98.3	R15:74.4	

Remark:

OSRAM 5630/36