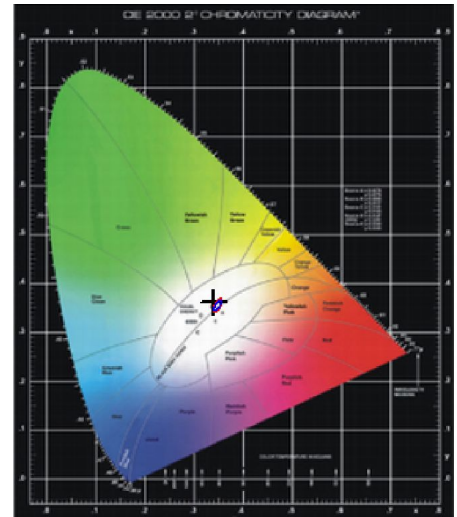
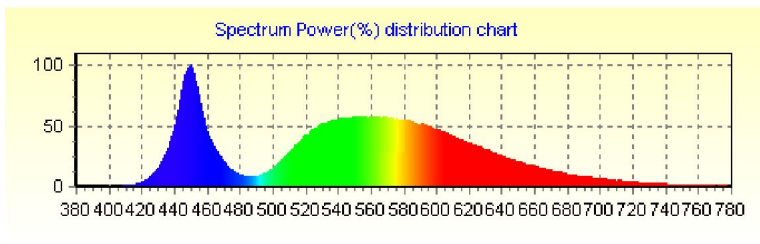


# LED Integrated Testing System test report

test item:	LED spectrum analyse		
equipment:	Led test system		
certificate we have:	The certificate of CSA, optoelectronic oranzation of COEMA and Hi-tech enterprice.		
Test Identifier	Mode:	REFI 12W 5630/24	Manufacturer: SHAR W
	Temperature:	21 °C	Humidity: 65 %
	Conner:	5630/24 W	Date: 2013.march.27
	Organ:	INCOMP	

curve of spectrum power distributing



Spectrum	Electrical paramete		
(Peak): 450.2 nm	I(test):	105.000 mA	
(Main): 561.7 nm	Vf:	228.200 V	
(Centroid): 440.7 nm	v:	1446.477 lm	
(Center): 442.0 nm	Efficiency:	116.992 lm/w	
BandWidth: 20.0 nm	P:	12.4 W	
ColorTemp: 5252 K	PFC:	0.516	
CIE(x,y): 0.3392, 0.3646	R1:68.5	R2:75.4	R3:79.0
CIE(u,v): 0.2026, 0.3267	R4:69.3	R5:66.2	R6:62.5
Ra: 69.6	R7:78.7	R8:57.1	R9: -33.3
Purity: 0.112	R10:38.4	R11:74.9	R12:31.3
Light Power: 7600.8129 mw	R13:68.7	R14:87.9	R15:63.4

Remark:  
SHARLIGHT