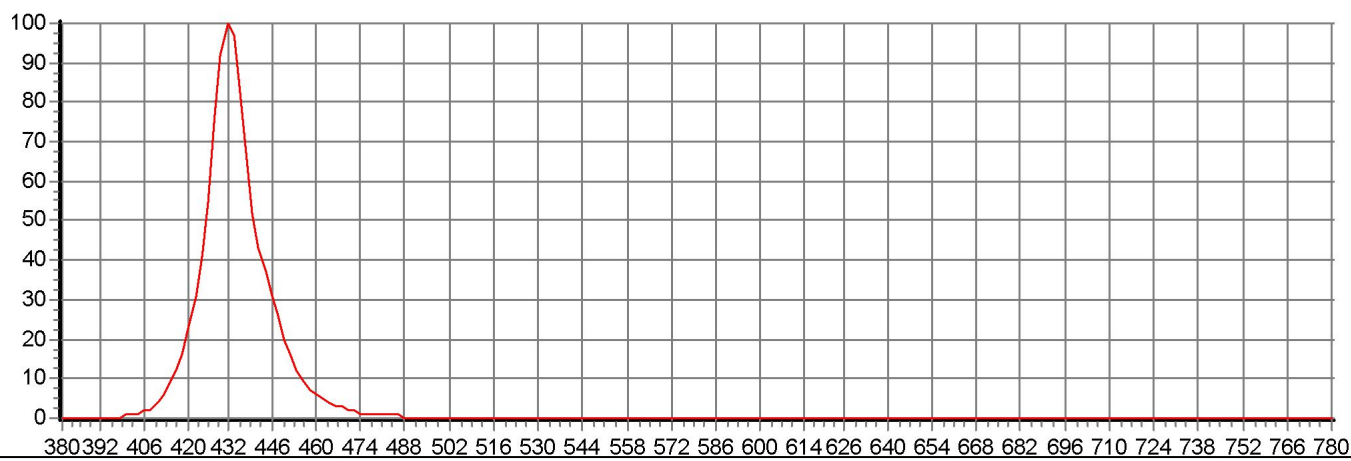


ZWL3900 Test Report

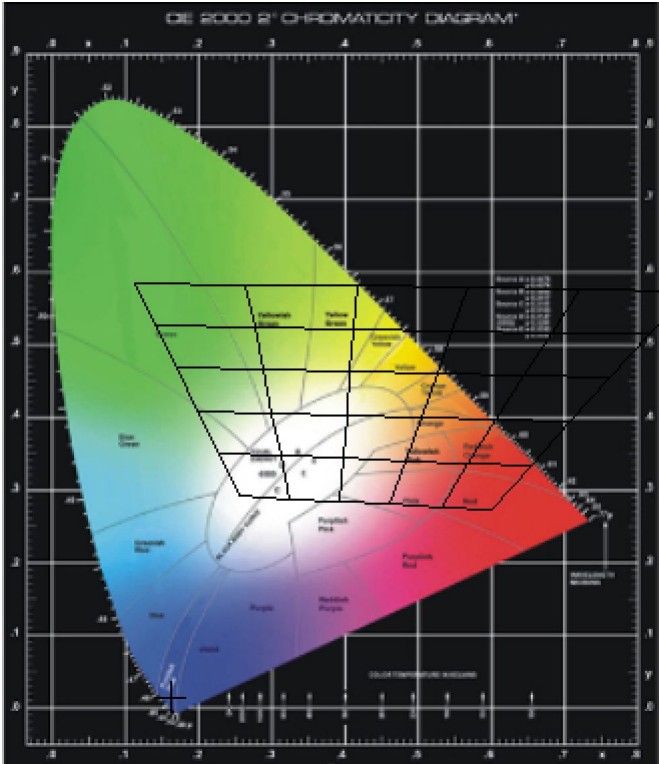
Test Item	Spectrum Energy		
Test Equipment	ZWL-3900G Integrated Packaged(COB) Spectrophotometer Testing System		
Test Object	Product Model : houkem 440nm10W	Temperature : 25 ° C	
Environment	Manufacturer : HOUKEM	Humidity : 45%	

Spectrum Distribution Curve



Parameters		Parameters	
λ (Main)(nm)	440.8	Luminous Flux(φv/lm)	111.979
λ (Peak)(nm)	440.1	Efficiency(lm/W)	11.386
Color Index(Ra)	0	Voltage(Vf/V)	28.21
Bandwidth(nm)	16.0	Current(I _f /mA)	348.640
Color Temp Tc(K)	1810	Leaks(uA)	0.0
Color Purity	0.993	Spectrum Energy(%)	82
Coordinate(x,y)	0.1650,0.0135	InteTime(ms)	2
Coordinate(u,v)	0.2332,0.0285	Luminous Power	21988.38
R1 0.0	R2 0.0	Power(W)	9.8
R3 0.0	R4 0.0	PF	1.0000
R5 0.0	R6 0.0	R(%)	3.4
R7 0.0	R8 0.0	G(%)	0.4
R9 0.0	R10 0.0	B%	96.2
R11 0.0	R12 0.0	SDCM	166.24
R13 0.0	R14 0.0		
R15 0.0			

Chromaticity Diagram(CIE1931)



Remark :