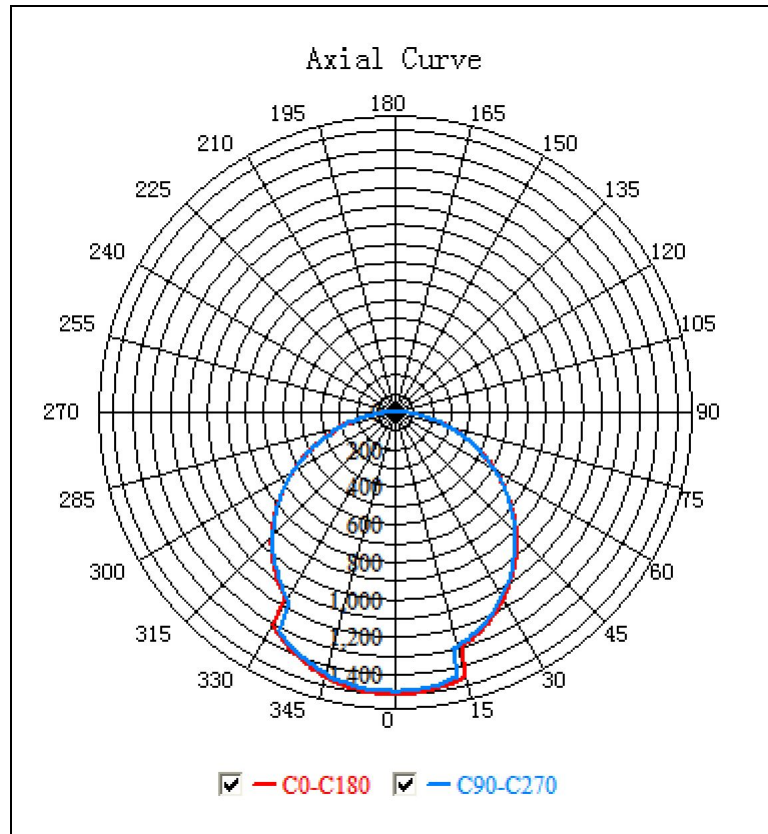


Measured Parameters	U:222.0 v, I:221.0 mA, P:47.0 W, PF:0.96, Measured Flux: 4068.24 lm				
Name	TPL600X600-50W-NW-TUV	Description	TPL600X600-50W-NW-TUV	Weight(kg)	
Profile Size		Model	TPL600X600-50W-NW-TUV	Test ID	TS20140724001
Manufacturer:	WULITON	Luminescence		Protection Angle(°)	

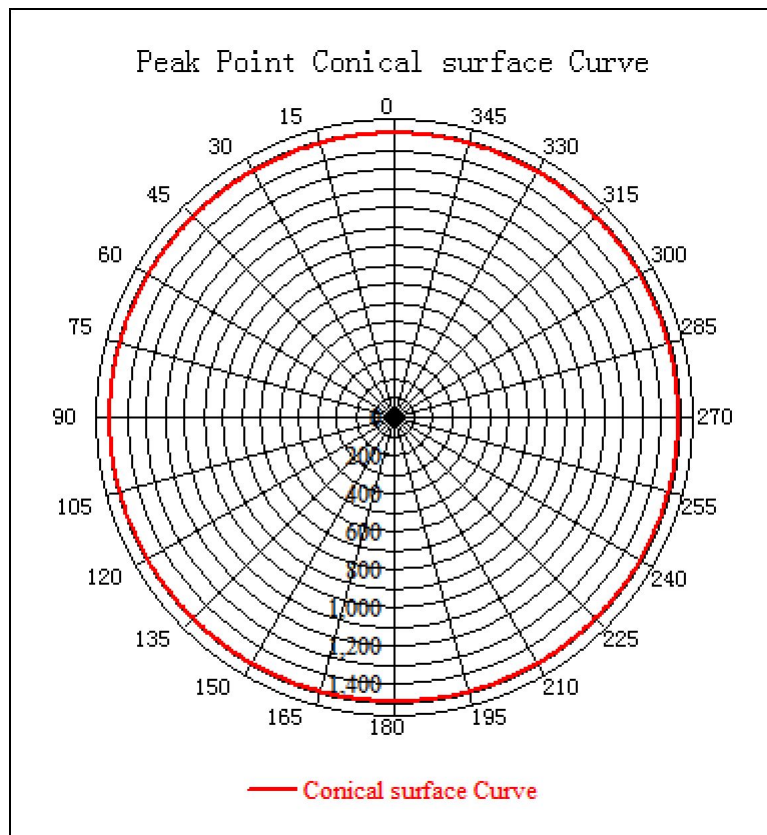
Light Source Data		Photometric Data			
Model	TPL600X600-50W-NW-TUV	Peak Value(cd)	1504.25	Roadside Upwards(%)	0.00
Nominal Power(w)	50W	Total Flux(lm)	4068.24	Roadside Downwards(%)	50.09
Rated Voltage(v)	220V	Peak Value Position(C,)	0.0,0.0	Houseside Upwards(%)	0.00
Rated Flux(lm)		Upward Ratio(%)	0.00	Houseside Downwards(%)	49.91
Source Number		Downward Ratio(%)	100.00	Aver Lux(lx)	11.7
Measured Voltage(v)	222.0	Light efficient(lm/w)	86.4		

Glare Evaluation		=90° (cd/klm)	3.7	=80° (cd/klm)	45.9
Peak Light : (C0)	1.0	Peak Light(cd)Overall	1504.1	Lamps Type	No match

Test Area : Hemispherical Distance(m) : 10.5
 C interval(°) : 15 interval(°) : 1.0
 Temperature(°C) : 25 Humidity(%) : 60%
 Tester : WF Date : 2014-7-24 AM
 Remark :



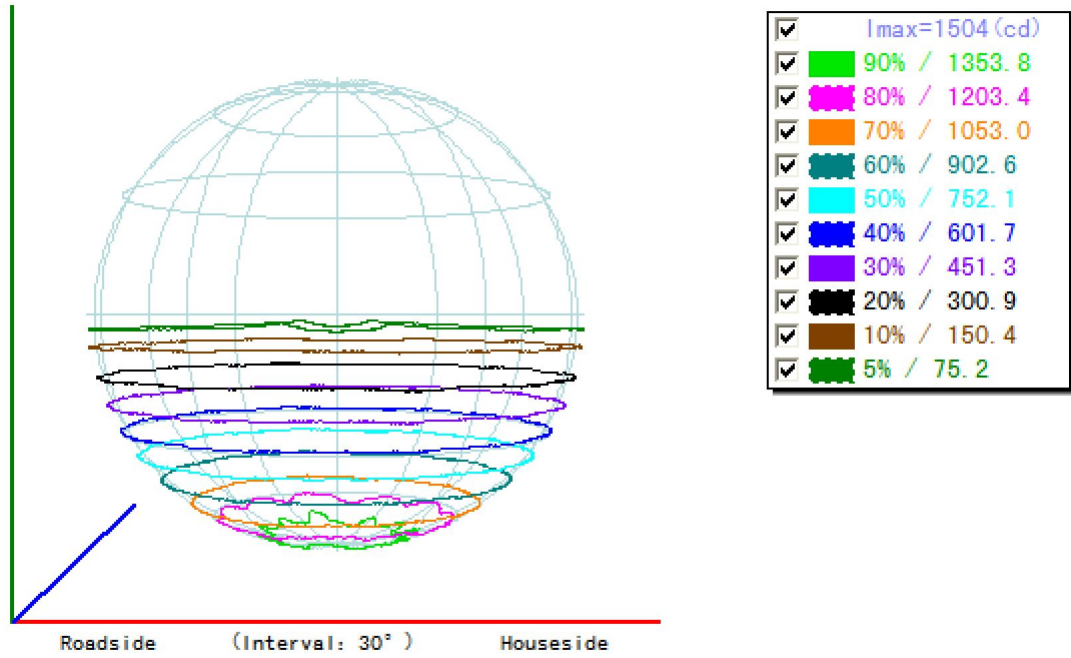
Vertical beam angle(50%): 107.7 Horizontal beam angle(50%): 107.5



C-plane : 0.0 Angle : 0.0

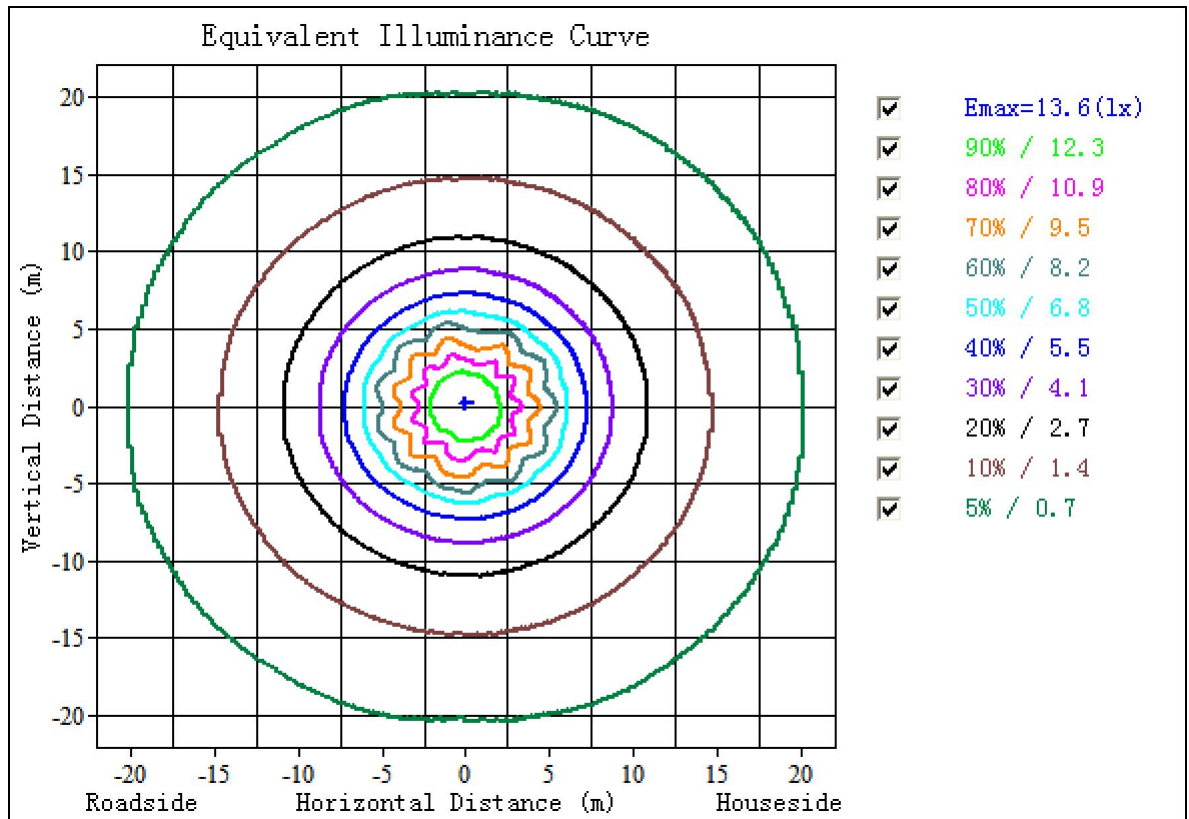
Test Area :	Hemispherical	Distance(m) :	10.5
C interval(°) :	15	interval(°) :	1.0
Temperature(°C) :	25	Humidity(%) :	60%
Tester :	WF	Date :	2014-7-24 AM
Remark :			

Equivalent Light Intensity Curve



Test Area :	Hemispherical	Distance(m) :	10.5
C interval(°) :	15	interval(°) :	1.0
Temperature(°C) :	25	Humidity(%) :	60%
Tester :	WF	Date :	2014-7-24 AM
Remark :			

Plane Equivalent Illuminance Curve

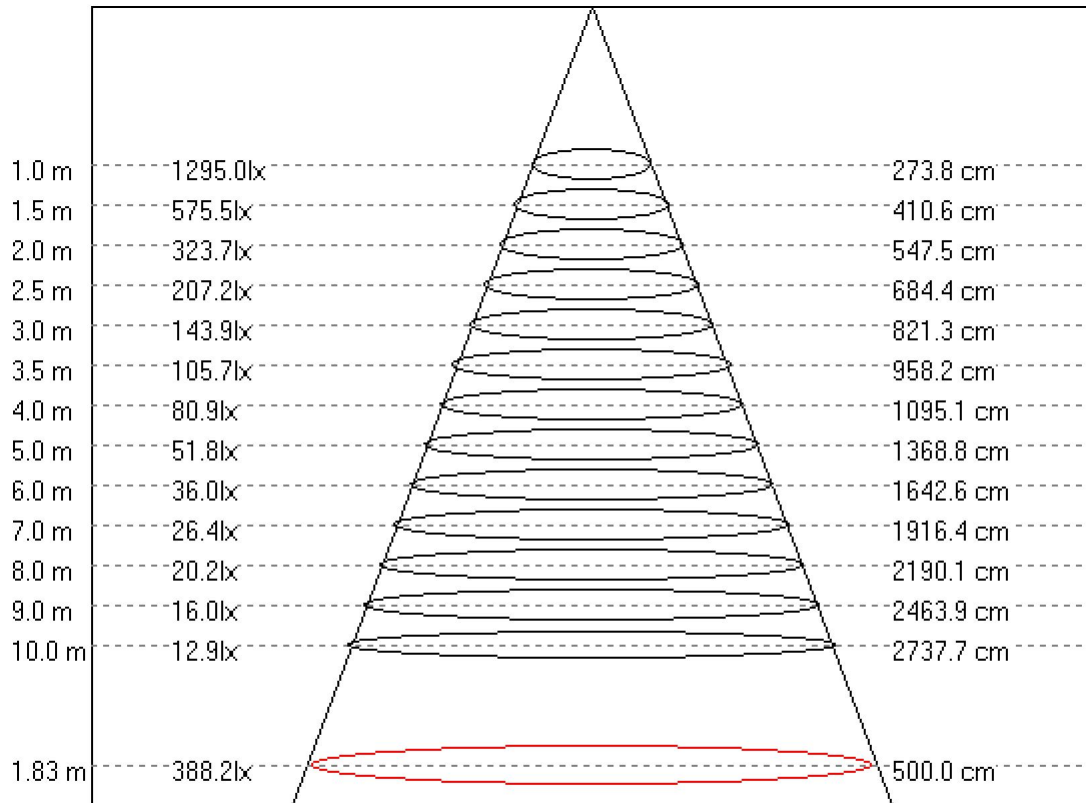


Fixed Height(m) : 10.5

Fixed Angle(°) : 0

Test Area :	Hemispherical	Distance(m) :	10.5
C interval(°) :	15	interval(°) :	1.0
Temperature(°C) :	25	Humidity(%) :	60%
Tester :	WF	Date :	2014-7-24 AM
Remark :			

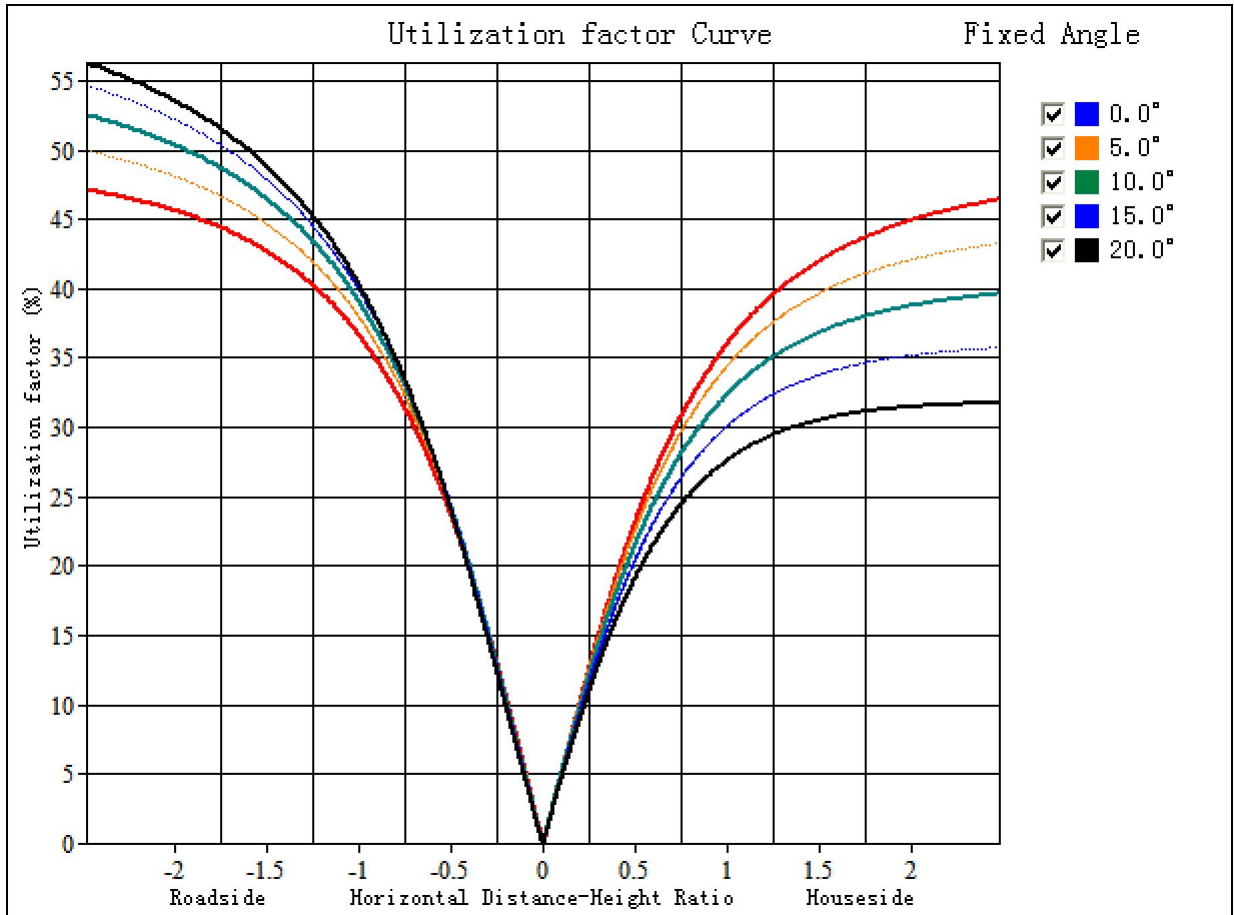
Aver Lux



Height(M) Lux(lx) Vertical beam angle(50%): Horizontal beam angle(50%): Spot Diameter(cm)
 107.7° 107.5°

Test Area :	Hemispherical	Distance(m) :	10.5
C interval(°) :	15	interval(°) :	1.0
Temperature(°C) :	25	Humidity(%) :	60%
Tester :	WF	Date :	2014-7-24 AM
Remark :			

Lamps Utilization factor Curve



Test Area :	Hemispherical	Distance(m) :	10.5
C interval(°) :	15	interval(°) :	1.0
Temperature(°C) :	25	Humidity(%) :	60%
Tester :	WF	Date :	2014-7-24 AM
Remark :			

Lamps Circular Ring-shaped Flux

/I(cd)\C(°)	0	45	90	135	180	225	270	315	Range	Ring(lm)	Total(lm)
5	1498	1489	1483	1483	1500	1488	1484	1482	0-5	35.62	35.62
10	1480	1473	1465	1468	1483	1471	1468	1465	5-10	105.77	141.39
15	1453	1445	1287	1441	1455	1294	1441	1286	10-15	169.82	311.21
20	1262	1407	1248	1402	1417	1254	1402	1246	15-20	222.18	533.39
25	1213	1357	1199	1354	1368	1205	1354	1198	20-25	273.44	806.83
30	1152	1150	1140	1146	1310	1144	1146	1138	25-30	312.88	1119.71
35	1082	1082	1070	1077	1089	1075	1076	1070	30-35	327.30	1447.01
40	1005	1004	992	1003	1012	999	1002	992	35-40	346.18	1793.19
45	917	918	908	917	928	913	916	908	40-45	354.42	2147.61
50	822	826	815	826	833	820	824	814	45-50	350.72	2498.33
55	723	727	717	727	734	720	725	715	50-55	335.52	2833.85
60	620	624	613	626	631	615	623	612	55-60	309.99	3143.84
65	509	516	505	517	521	507	516	503	60-65	274.71	3418.55
70	399	406	395	409	413	396	406	393	65-70	230.96	3649.51
75	291	298	289	303	305	290	301	287	70-75	181.54	3831.05
80	187	196	185	199	200	187	197	185	75-80	129.89	3960.94
85	89.1	98.7	90.7	103	103	91.0	101	90.3	80-85	77.78	4038.72
90	15.2	17.8	17.0	21.4	20.2	18.2	20.4	18.4	85-90	29.50	4068.22
95									90-95		
100									95-100		
105									100-105		
110									105-110		
115									110-115		
120									115-120		
125									120-125		
130									125-130		
135									130-135		
140									135-140		
145									140-145		
150									145-150		
155									150-155		
160									155-160		
165									160-165		
170									165-170		
175									170-175		
180									175-180		

Test Area : Hemispherical

Distance(m) : 10.5

C interval(°) : 15

interval(°) : 1.0

Temperature(°C) : 25

Humidity(%) : 60%

Tester : WF

Date : 2014-7-24 AM

Remark :

Lamps Light Intensity Distribution Data

/I(cd)\C(°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492
5	1498	1496	1491	1489	1486	1484	1483	1484	1484	1483	1480	1482	1500	1495	1491
10	1480	1479	1474	1473	1468	1469	1465	1467	1466	1468	1464	1465	1483	1477	1476
15	1453	1451	1295	1445	1290	1442	1287	1439	1288	1441	1286	1439	1455	1299	1449
20	1262	1412	1256	1407	1251	1403	1248	1401	1248	1402	1247	1399	1417	1259	1410
25	1213	1364	1206	1357	1201	1353	1199	1353	1199	1354	1199	1352	1368	1210	1360
30	1152	1155	1146	1150	1142	1146	1140	1147	1141	1146	1139	1144	1310	1149	1153
35	1082	1086	1077	1082	1071	1078	1070	1078	1071	1077	1069	1077	1089	1080	1084
40	1005	1008	999	1004	994	1000	992	1000	993	1003	993	1002	1012	1002	1007
45	917	923	914	918	909	916	908	916	908	917	908	918	928	916	923
50	822	830	819	826	816	824	815	824	815	826	815	827	833	822	830
55	723	731	721	727	717	726	717	725	717	727	717	729	734	722	731
60	620	628	616	624	613	624	613	623	613	626	613	625	631	619	628
65	509	519	507	516	505	515	505	516	504	517	506	517	521	509	520
70	399	408	396	406	395	406	395	406	396	409	397	408	413	398	408
75	291	301	290	298	288	300	289	301	288	303	290	301	305	292	301
80	187	197	186	196	186	196	185	196	186	199	188	201	200	187	198
85	89.1	100	90.1	98.7	90.0	100.0	90.7	101	91.1	103	91.9	104	103	91.2	102
90	15.2	18.0	14.8	17.8	14.4	18.4	17.0	19.4	18.4	21.4	18.2	23.5	20.2	18.3	19.4

Test Area : Hemispherical

Distance(m) : 10.5

C interval(°) : 15

interval(°) : 1.0

Temperature(°C) : 25

Humiditv(%) : 60%

Tester : WF

Date : 2014-7-24 AM

Remark :

Lamps Light Intensity Distribution Data

225	240	255	270	285	300	315	330	345
1492	1492	1492	1492	1492	1492	1492	1492	1492
1488	1488	1484	1484	1482	1485	1482	1481	1480
1471	1471	1468	1468	1466	1468	1465	1465	1462
1294	1444	1289	1441	1287	1440	1286	1437	1283
1254	1404	1249	1402	1247	1402	1246	1399	1245
1205	1355	1200	1354	1198	1354	1198	1351	1195
1144	1147	1140	1146	1138	1146	1138	1142	1135
1075	1079	1070	1076	1069	1077	1070	1074	1067
999	1003	994	1002	992	1002	992	997	989
913	918	908	916	908	916	908	913	905
820	826	816	824	814	822	814	821	812
720	727	717	725	716	724	715	724	713
615	625	613	623	612	622	612	621	611
507	516	505	516	504	514	503	514	502
396	407	396	406	395	405	393	404	393
290	300	289	301	287	299	287	299	287
187	197	186	197	186	196	185	196	185
91.0	102	91.4	101	91.5	101	90.3	101	89.7
18.2	20.7	17.5	20.4	16.9	18.9	18.4	20.1	20.6

Test Area : Hemispherical

Distance(m) : 10.5

C interval(°) : 15

interval(°) : 1.0

Temperature(° C) : 25

Humidity(%) : 60%

Tester : WF

Date : 2014-7-24 AM

Remark :