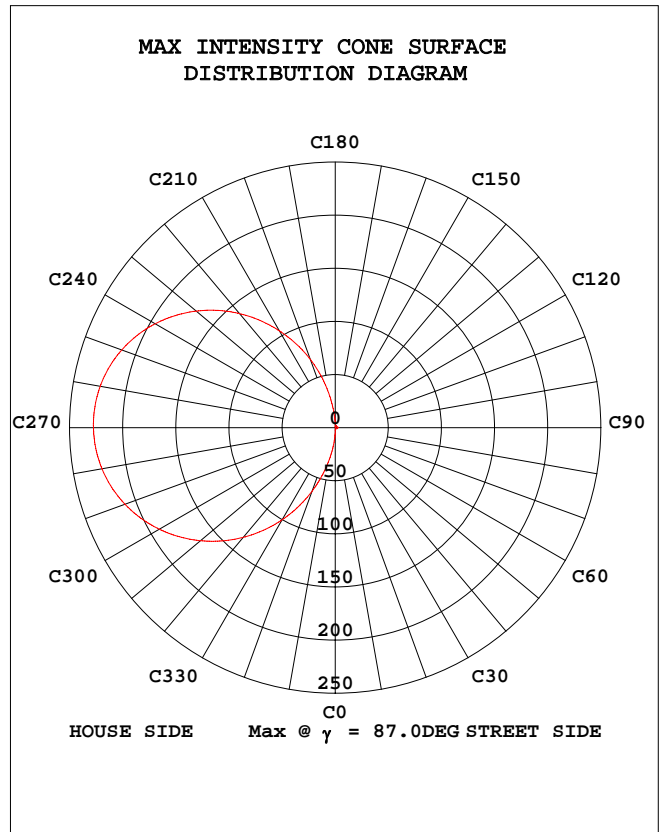
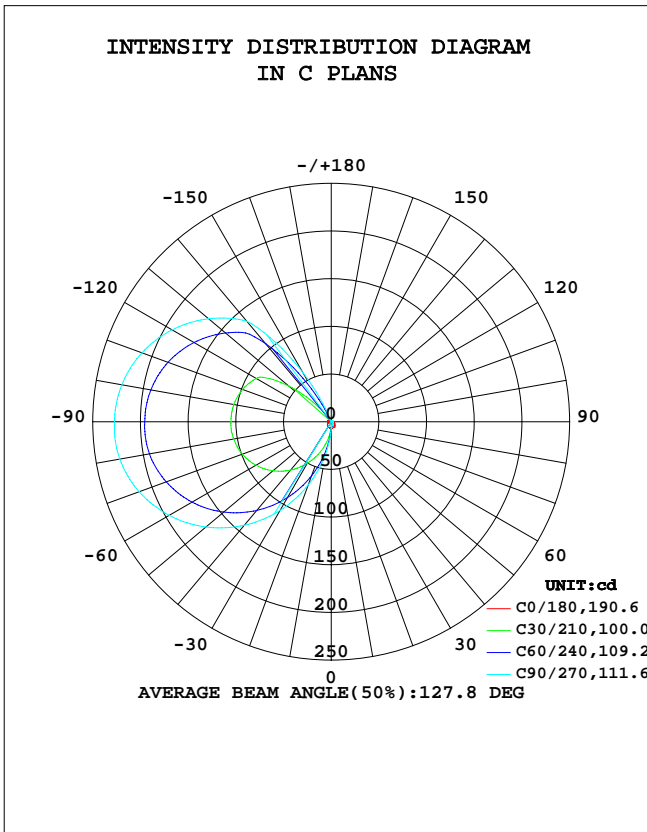


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: GL19304	TYPE:Wall Light	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: YuyaoYisibeierElectricalAppliance Co.,Ltd.	SUR.:0	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 54.16 lm/W			
MODEL	GL19304	Imax(cd)	227.6	$\eta$ street_up(%)	0.6
NOMINAL POWER(W)	13	LOR(%)	100.0	$\eta$ street_down(%)	1.1
RATED VOLTAGE(V)	100-240	TOTAL FLUX(lm)	652.3	$\eta$ house_up(%)	46.1
NOMINAL FLUX(lm)	652.303	MAXIMUM @(C, $\gamma$ )	270,87.0	$\eta$ house_down(%)	52.2
LAMPS INSIDE	1	$\eta$ up(%)	46.7	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	230	$\eta$ down(%)	53.3	SLI	13.932

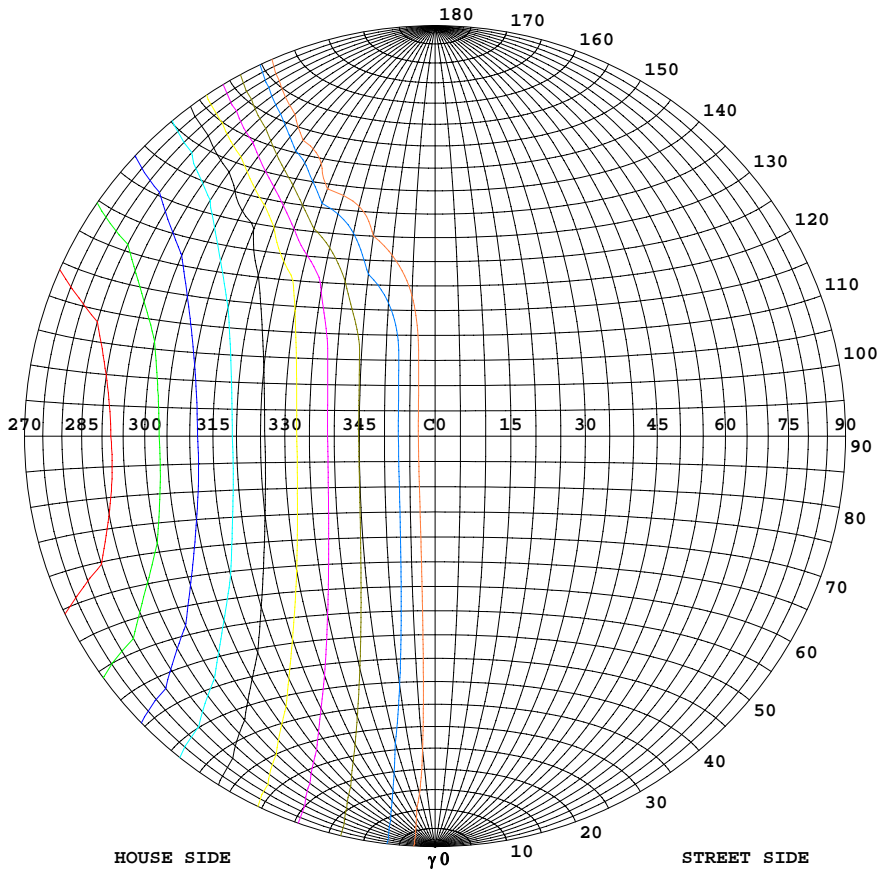


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:cai  
Test Date:2019-05-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:10.320m [K=1.0000]  
Remarks:

**STREETLIGHT ISOCANDELA DIAGRAM**

NAME: GL19304	TYPE:Wall Light	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: YuyaoYisibeierElectricalAppliance Co.,Ltd.	SUR.:0	Shielding Angle:



**Classification:**

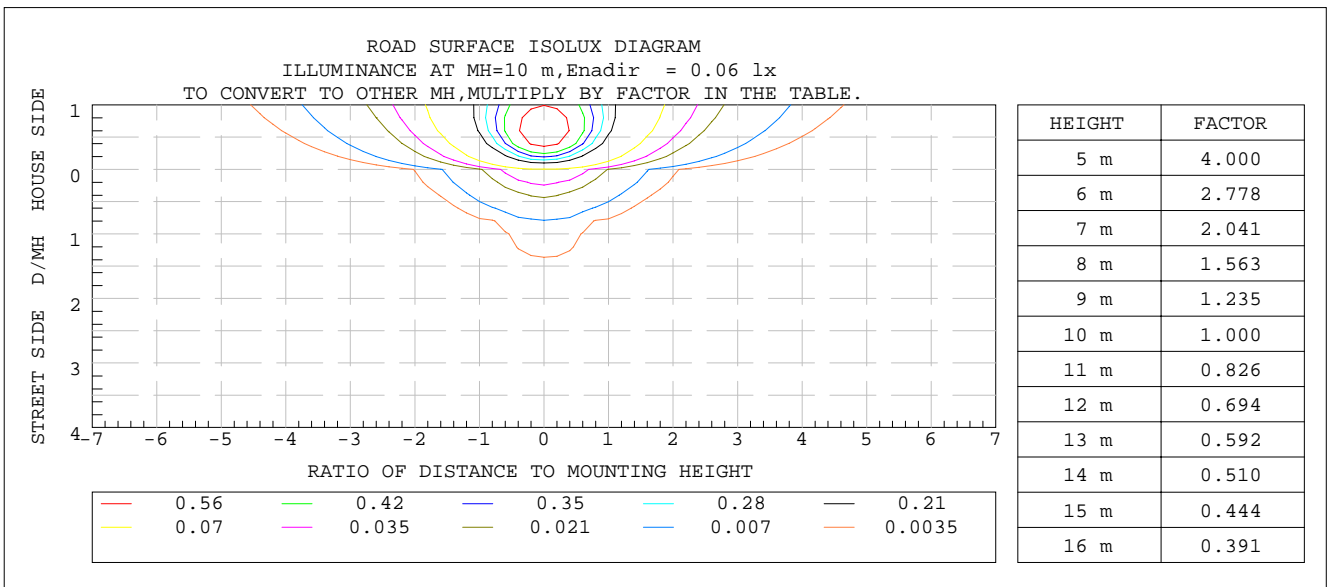
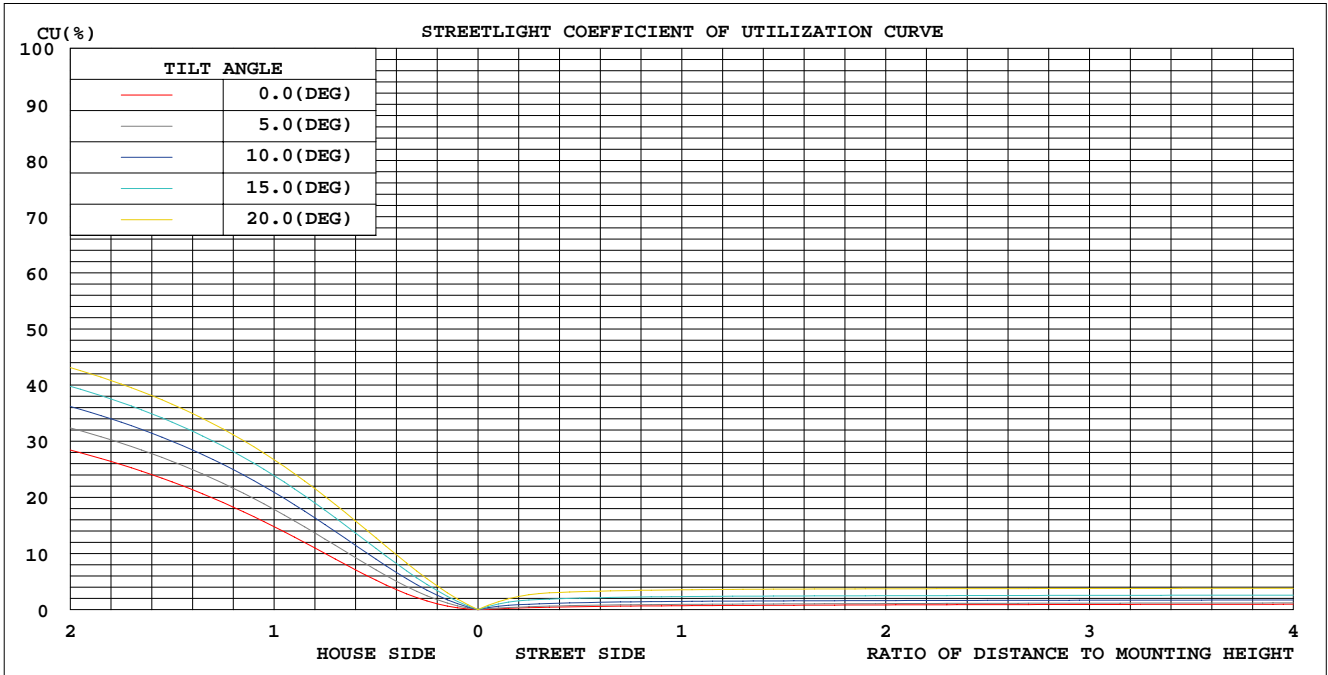
IES:Type I - Very Short  
 CIE:Narrow - Long  
 IES:None cut-off  
 CIE:Non-cut-off  
 Max.At80:345.1cd/klm  
 Max.At90:348.4cd/klm  
 Max.80-90:348.8cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	228
90%	205
80%	182
70%	159
60%	137
50%	114
40%	91
30%	68
20%	46
10%	23
5%	11

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:cai  
 Test Date:2019-05-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:10.320m [K=1.0000]  
 Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: cai  
Test Date: 2019-05-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity: 65.0%  
Test Distance: 10.320m [K=1.0000]  
Remarks:

ZONAL FLUX DIAGRAM

NAME: GL19304	TYPE:Wall Light	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: YuyaoYisibeierElectricalAppliance Co.,Ltd.	SUR.:0	Shielding Angle:

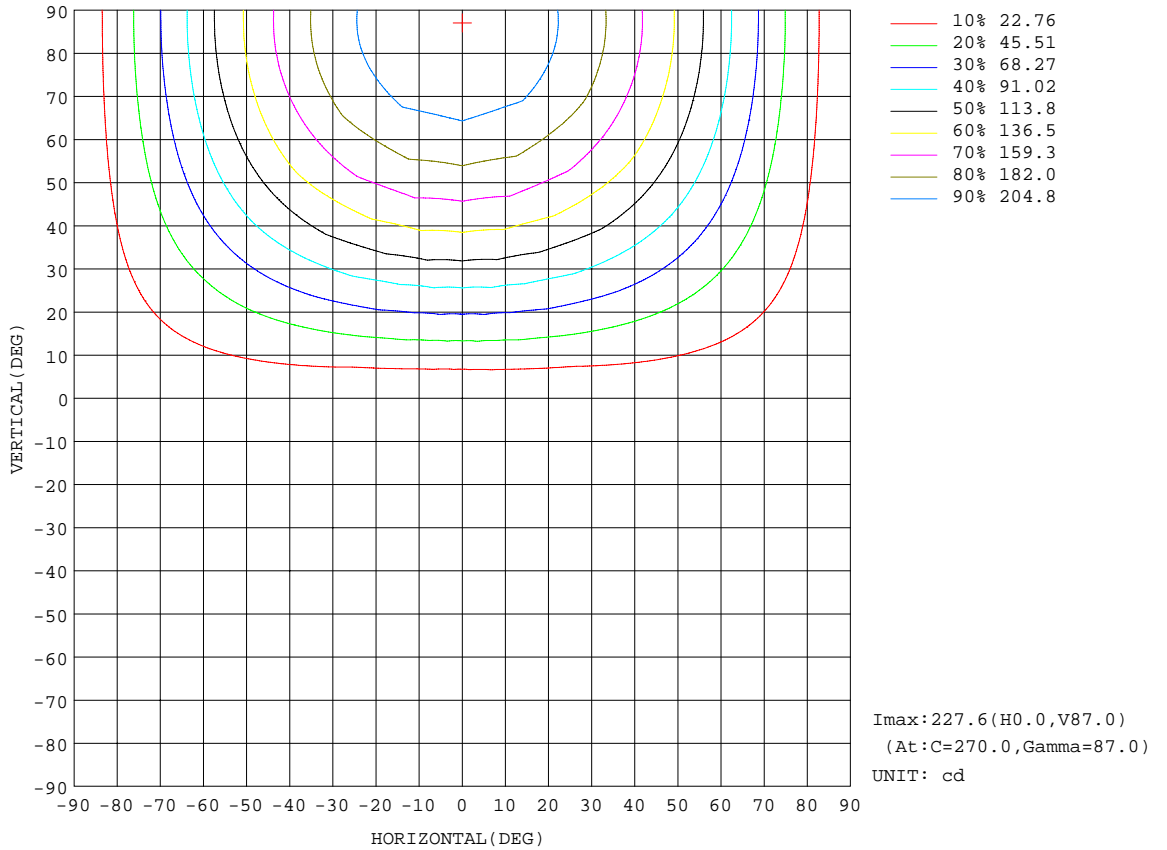
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	6.661	4.855	4.295	4.760	6.692	24.08	33.76	24.43	0- 10	1.024	1.024	0.16,0.16
20	6.553	3.627	2.996	3.538	6.667	48.63	70.33	48.55	10- 20	5.530	6.554	1,1
30	6.249	2.678	2.147	2.614	6.395	73.62	107.3	72.88	20- 30	13.88	20.43	3.13,3.13
40	5.775	1.861	1.280	1.835	5.983	97.20	141.6	95.56	30- 40	25.31	45.74	7.01,7.01
50	5.117	1.038	1.538	1.045	5.394	117.9	171.7	115.2	40- 50	38.45	84.20	12.9,12.9
60	4.332	1.216	1.912	1.254	4.665	134.8	196.3	131.1	50- 60	51.77	136.0	20.8,20.8
70	3.439	1.399	2.159	1.431	3.823	146.9	214.4	142.4	60- 70	63.46	199.4	30.6,30.6
80	2.534	1.513	2.324	1.520	2.962	154.4	225.1	149.3	70- 80	72.04	271.5	41.6,41.6
90	1.881	1.488	2.362	1.520	2.356	156.0	227.2	150.5	80- 90	76.33	347.8	53.3,53.3
100	2.013	1.431	2.362	1.469	3.116	153.4	223.0	147.9	90-100	75.99	423.8	65,65
110	1.969	1.304	2.197	1.367	3.837	145.7	211.4	140.5	100-110	71.29	495.1	75.9,75.9
120	1.780	1.133	1.963	1.209	3.323	133.1	192.7	128.5	110-120	61.96	557.0	85.4,85.4
130	1.545	0.9179	1.640	1.025	2.354	115.9	168.1	111.2	120-130	48.37	605.4	92.8,92.8
140	1.033	0.7091	1.279	0.8167	1.506	61.42	137.7	53.47	130-140	31.70	637.1	97.7,97.7
150	0.3553	0.5065	0.9248	0.6014	0.7398	6.287	59.35	2.319	140-150	13.33	650.4	99.7,99.7
160	0.1456	0.3355	0.6018	0.4114	0.1266	0	0	0	150-160	1.804	652.2	100,100
170	0.1456	0.2153	0.3358	0.2718	0.1266	0.0316	0	0	160-170	0.0485	652.3	100,100
180	0.1456	0.1266	0.1076	0.1266	0.1266	0.1013	0.1013	0.1140	170-180	0.0115	652.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:cai  
 Test Date:2019-05-31

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:10.320m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

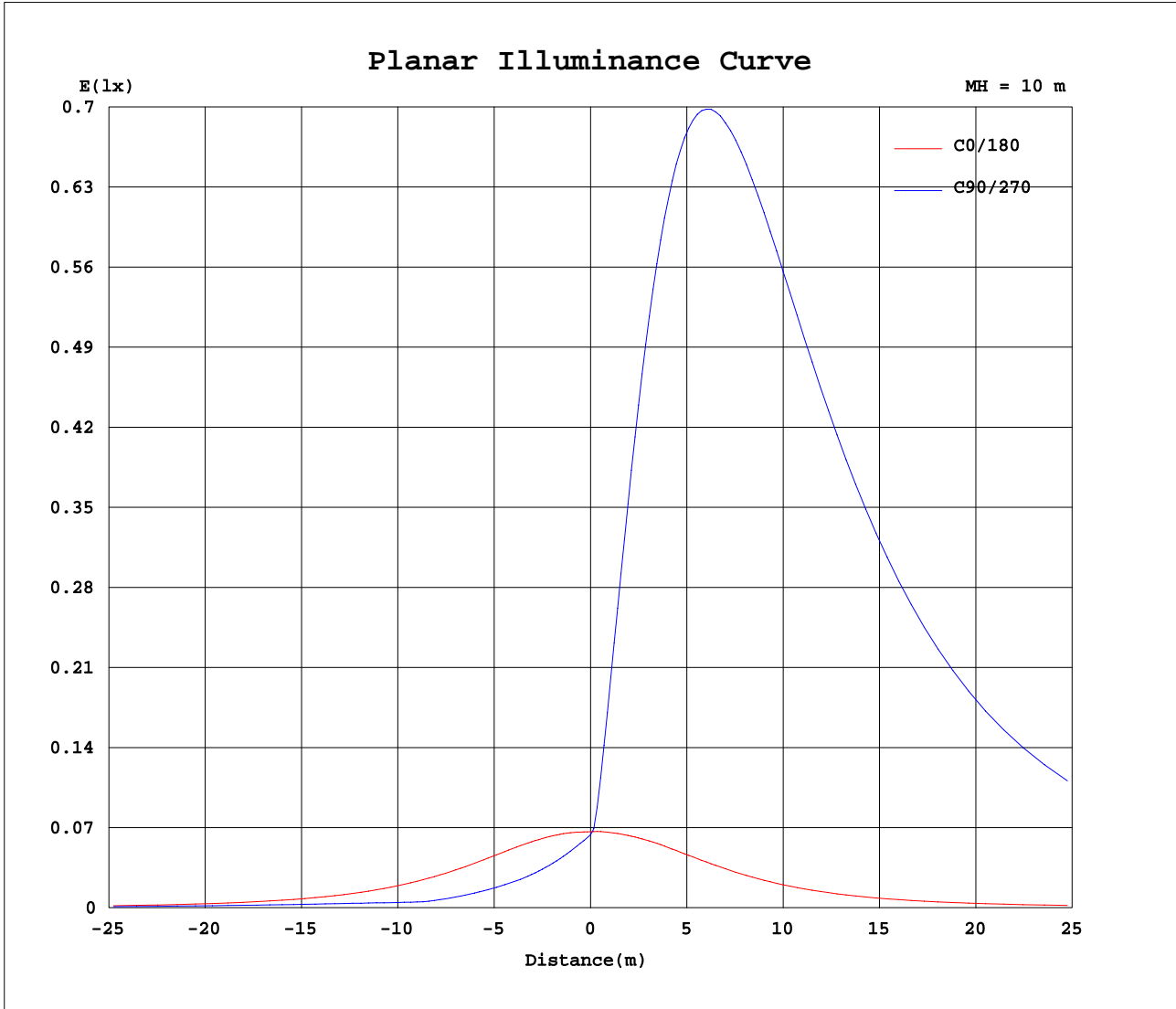
NAME: GL19304	TYPE:Wall Light	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: YuyaoYisibeierElectricalAppliance Co.,Ltd.	SUR.:0	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: cai  
 Test Date: 2019-05-31

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity: 65.0%  
 Test Distance: 10.320m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



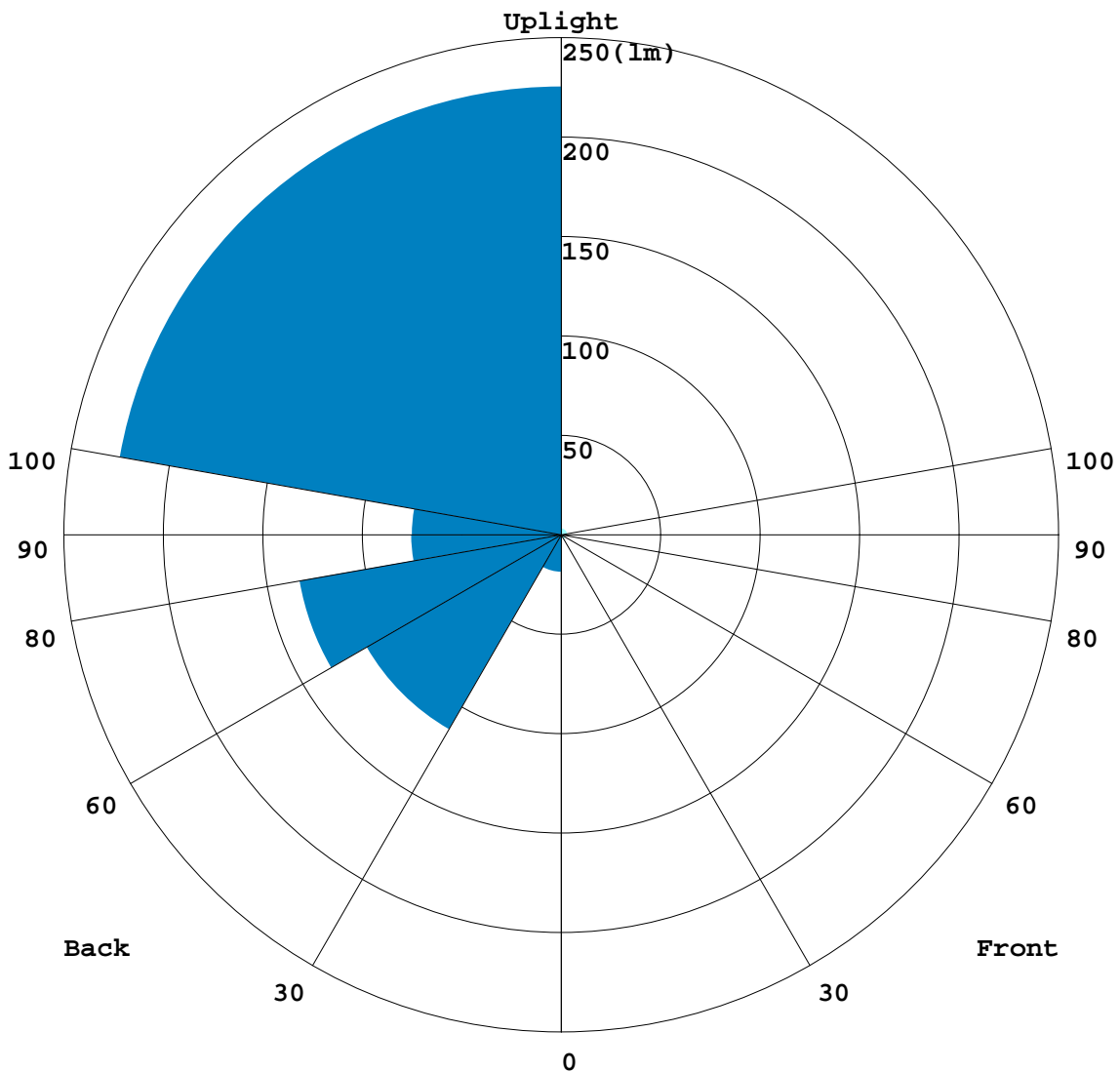
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: cai  
 Test Date: 2019-05-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity: 65.0%  
 Test Distance: 10.320m [K=1.0000]  
 Remarks:

LCS REPORT

NAME: GL19304	TYPE:Wall Light	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: YuyaoYisibeierElectricalAppliance Co.,Ltd.	SUR.:0	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:cai  
 Test Date:2019-05-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:10.320m [K=1.0000]  
 Remarks:

BUG REPORT

NAME: GL19304	TYPE:Wall Light	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: YuyaoYisibeierElectricalAppliance Co.,Ltd.	SUR.:0	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1.7251	0.3
FM - Front-Medium(30-60)	2.6176	0.4
FH - Front-High(60-80)	1.898	0.3
FVH - Front-Very High(80-90)	0.98263	0.2
Total Forward Light	11.34	1.7

BL - Back-Low(0-30)	18.707	2.9
BM - Back-Medium(30-60)	112.91	17.3
BH - Back-High(60-80)	133.61	20.5
BVH - Back-Very High(80-90)	75.347	11.6
Total Back Light	640.96	98.3

UL - Uplight-Low(90-100)	75.99	11.6
UH - Uplight-High(100-180)	228.52	35.0
Total Up Light	304.5	46.7

BUG(Back,Up,Glare) Rating	B1-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	340.57	300.39	640.96
Street Side	7.2233	4.1165	11.34

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:cai  
 Test Date:2019-05-31

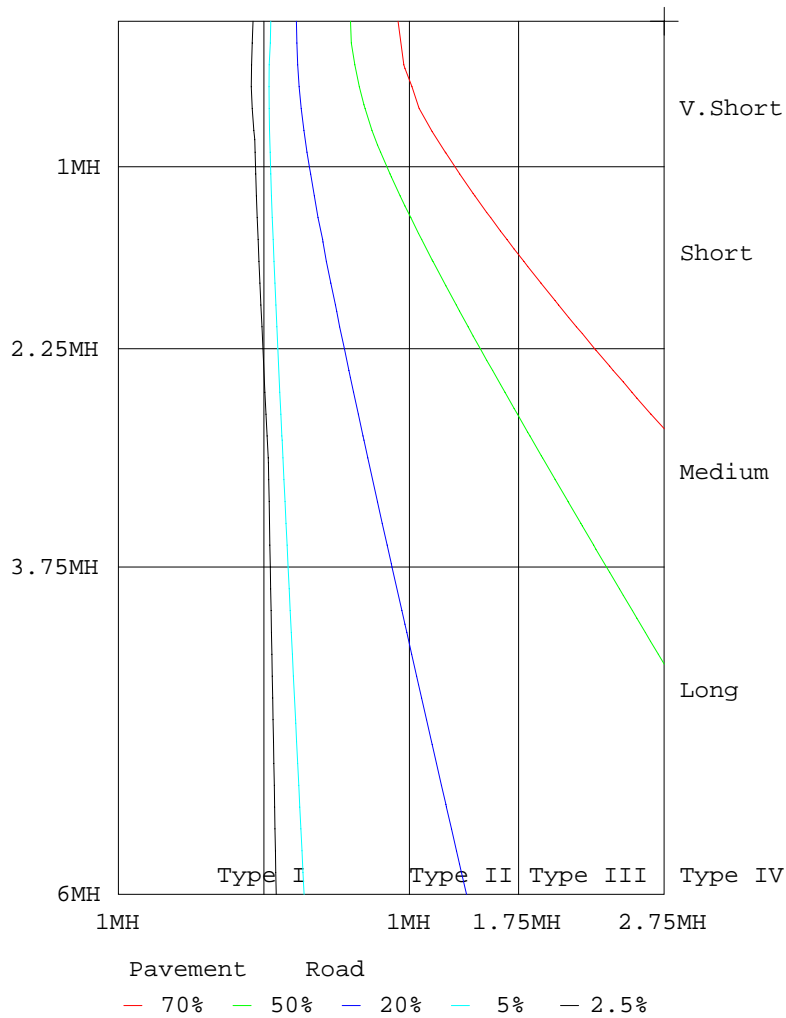
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:10.320m [K=1.0000]  
 Remarks:



ROAD ISOCANDELA REPORT

NAME: GL19304	TYPE:Wall Light	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: YuyaoYisibeierElectricalAppliance Co.,Ltd.	SUR.:0	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:cai  
 Test Date:2019-05-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:10.320m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: GL19304	TYPE:Wall Light	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: YuyaoYisibeierElectricalAppliance Co.,Ltd.	SUR.:0	Shielding Angle:

Table--1

UNIT: cd

C( DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	6.65	6.57	6.56	6.46	6.43	6.37	6.38	6.36	6.40	6.37	6.43	6.39	6.65	6.57	6.56	6.46	6.43	6.37	6.38
5	6.67	6.27	5.96	5.63	5.42	5.25	5.23	5.24	5.38	5.55	5.85	6.12	6.69	7.51	10.1	13.1	15.2	17.0	17.3
10	6.66	5.93	5.36	4.86	4.55	4.34	4.29	4.31	4.52	4.76	5.28	5.84	6.69	10.6	17.4	24.1	29.1	32.9	33.8
15	6.62	5.58	4.81	4.18	3.86	3.61	3.58	3.58	3.82	4.10	4.74	5.52	6.69	14.2	25.3	36.1	44.4	50.2	51.8
20	6.55	5.25	4.31	3.63	3.29	3.02	3.00	3.03	3.26	3.54	4.25	5.19	6.67	18.1	33.6	48.6	60.1	68.2	70.3
25	6.41	4.89	3.86	3.12	2.82	2.57	2.57	2.56	2.79	3.04	3.81	4.86	6.54	21.9	42.0	61.2	76.0	86.1	88.9
30	6.25	4.54	3.43	2.68	2.40	2.15	2.15	2.15	2.39	2.61	3.40	4.55	6.39	25.7	50.3	73.6	91.8	104	107
35	6.03	4.19	3.03	2.27	1.98	1.72	1.72	1.73	1.98	2.22	3.01	4.21	6.23	29.4	58.4	85.8	107	121	125
40	5.77	3.83	2.66	1.86	1.53	1.28	1.28	1.31	1.57	1.84	2.64	3.87	5.98	32.9	66.1	97.2	121	137	142
45	5.48	3.48	2.28	1.44	1.15	1.30	1.32	1.35	1.18	1.43	2.27	3.53	5.71	36.2	73.3	108	135	152	157
50	5.12	3.12	1.89	1.04	1.21	1.51	1.54	1.55	1.27	1.04	1.91	3.17	5.39	39.1	80.0	118	147	166	172
55	4.74	2.74	1.48	1.11	1.39	1.70	1.73	1.73	1.42	1.13	1.53	2.84	5.05	41.8	85.9	127	159	179	185
60	4.33	2.37	1.13	1.22	1.53	1.88	1.91	1.90	1.59	1.25	1.17	2.46	4.67	44.0	91.2	135	169	190	196
65	3.89	2.01	1.13	1.32	1.67	2.03	2.04	2.03	1.71	1.36	1.18	2.11	4.25	45.8	95.7	141	177	200	206
70	3.44	1.61	1.20	1.40	1.80	2.13	2.16	2.13	1.82	1.43	1.23	1.77	3.82	47.3	99.3	147	184	207	214
75	2.98	1.44	1.21	1.48	1.88	2.20	2.25	2.22	1.87	1.50	1.32	1.62	3.39	48.3	102	151	190	214	221
80	2.53	1.44	1.23	1.51	1.92	2.27	2.32	2.28	1.92	1.52	1.32	1.62	2.96	48.9	104	154	194	218	225
85	2.13	1.44	1.26	1.51	1.93	2.27	2.35	2.28	1.95	1.52	1.33	1.62	2.57	49.2	105	156	196	220	227
90	1.88	1.41	1.27	1.49	1.94	2.26	2.36	2.28	2.03	1.52	1.33	1.61	2.36	49.2	105	156	196	220	227
95	1.93	1.41	1.27	1.46	1.94	2.23	2.36	2.25	2.02	1.51	1.33	1.58	2.67	49.3	105	155	195	219	226
100	2.01	1.39	1.27	1.43	1.94	2.20	2.36	2.22	1.99	1.47	1.33	1.53	3.12	49.1	104	153	192	216	223
105	2.02	1.34	1.24	1.40	1.88	2.12	2.30	2.13	1.93	1.42	1.32	1.52	3.51	48.5	102	150	188	211	218
110	1.97	1.31	1.18	1.30	1.80	2.02	2.20	2.05	1.86	1.37	1.27	1.45	3.84	47.2	99.0	146	182	205	211
115	1.88	1.23	1.11	1.22	1.70	1.94	2.09	1.95	1.77	1.31	1.22	1.42	3.73	41.9	95.3	140	175	196	203
120	1.78	1.20	1.04	1.13	1.58	1.79	1.96	1.82	1.67	1.21	1.15	1.33	3.32	33.6	90.7	133	166	186	193
125	1.67	1.11	0.96	1.03	1.46	1.63	1.81	1.71	1.53	1.12	1.06	1.25	2.84	24.4	79.1	125	156	175	181
130	1.55	1.01	0.89	0.92	1.31	1.49	1.64	1.52	1.41	1.03	0.97	1.16	2.35	17.0	58.7	116	145	162	168
135	1.32	0.91	0.79	0.81	1.16	1.31	1.47	1.36	1.26	0.92	0.89	1.06	1.90	11.2	36.8	92.8	132	148	154
140	1.03	0.73	0.65	0.71	1.01	1.13	1.28	1.20	1.12	0.82	0.80	0.96	1.51	6.86	16.8	61.4	106	131	138
145	0.70	0.51	0.53	0.60	0.87	0.97	1.10	1.02	0.98	0.71	0.68	0.80	1.11	3.78	4.70	31.0	69.3	93.1	101
150	0.36	0.30	0.42	0.51	0.72	0.80	0.92	0.85	0.83	0.60	0.56	0.58	0.74	1.64	1.48	6.29	33.2	52.3	59.3
155	0.15	0.20	0.37	0.42	0.59	0.62	0.76	0.70	0.69	0.51	0.45	0.32	0.33	0.44	0.09	0.00	4.90	16.4	21.2
160	0.15	0.20	0.32	0.34	0.48	0.49	0.60	0.54	0.56	0.41	0.38	0.20	0.13	0.06	0.01	0.00	0.00	0.00	0.00
165	0.15	0.15	0.27	0.29	0.38	0.37	0.47	0.41	0.43	0.33	0.31	0.19	0.13	0.06	0.03	0.01	0.00	0.00	0.00
170	0.15	0.15	0.23	0.22	0.29	0.23	0.34	0.29	0.34	0.27	0.25	0.13	0.13	0.06	0.08	0.03	0.00	0.00	0.00
175	0.15	0.15	0.18	0.19	0.20	0.13	0.22	0.20	0.23	0.15	0.19	0.13	0.13	0.11	0.11	0.03	0.03	0.00	0.02
180	0.15	0.15	0.15	0.13	0.12	0.10	0.11	0.11	0.13	0.13	0.13	0.13	0.13	0.11	0.11	0.10	0.11	0.09	0.10

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:cai  
 Test Date:2019-05-31

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:10.320m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: GL19304	TYPE:Wall Light	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: YuyaoYisibeierElectricalAppliance Co.,Ltd.	SUR.:0	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	6.36	6.40	6.37	6.43	6.39														
5	17.2	15.5	13.5	10.5	7.76														
10	33.1	29.4	24.4	17.8	10.9														
15	50.3	44.5	36.3	25.5	14.4														
20	68.2	60.1	48.6	33.6	18.1														
25	86.0	75.7	60.8	41.7	21.6														
30	103	91.2	72.9	49.6	25.2														
35	120	106	84.5	57.3	28.5														
40	136	120	95.6	64.5	31.7														
45	151	133	106	71.3	34.6														
50	165	145	115	77.5	37.2														
55	177	156	124	83.0	39.4														
60	188	165	131	87.8	41.4														
65	198	174	137	91.8	42.8														
70	205	180	142	95.0	44.0														
75	211	186	146	97.4	44.7														
80	215	189	149	99.1	45.1														
85	217	191	151	100	45.2														
90	217	191	150	100.0	45.1														
95	216	190	150	99.5	45.0														
100	213	187	148	98.5	44.8														
105	209	183	145	96.6	44.3														
110	202	178	141	93.9	42.1														
115	194	171	135	90.4	35.6														
120	184	162	128	85.9	26.8														
125	173	153	121	69.4	18.0														
130	161	142	111	48.1	11.4														
135	147	130	83.9	26.4	6.68														
140	128	100	53.5	7.94	3.46														
145	90.1	63.9	24.7	1.36	1.43														
150	49.9	29.1	2.32	0.00	0.35														
155	14.8	2.48	0.00	0.00	0.01														
160	0.00	0.00	0.00	0.00	0.01														
165	0.00	0.00	0.00	0.00	0.01														
170	0.00	0.00	0.00	0.04	0.01														
175	0.00	0.04	0.00	0.08	0.09														
180	0.09	0.12	0.11	0.13	0.11														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:cai  
 Test Date:2019-05-31

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:10.320m [K=1.0000]  
 Remarks: