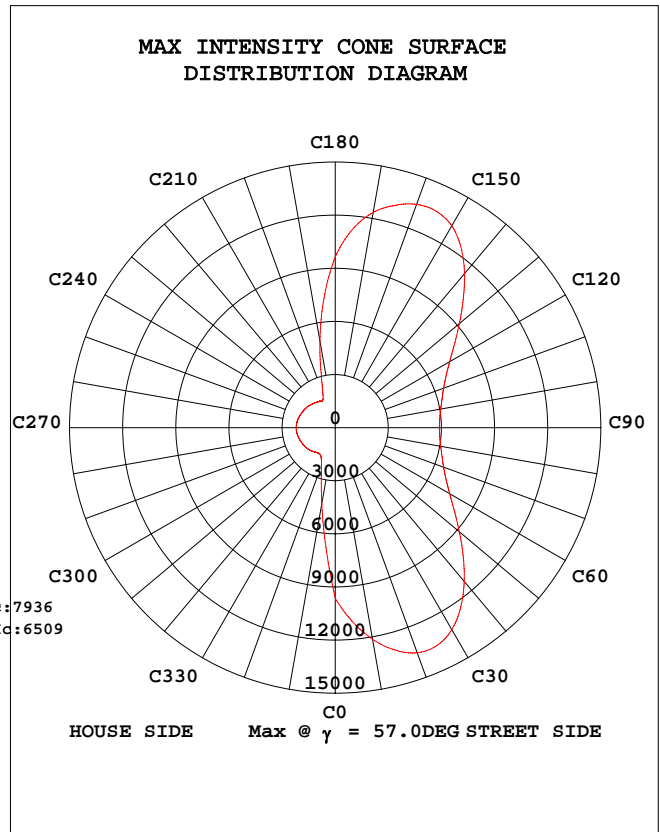
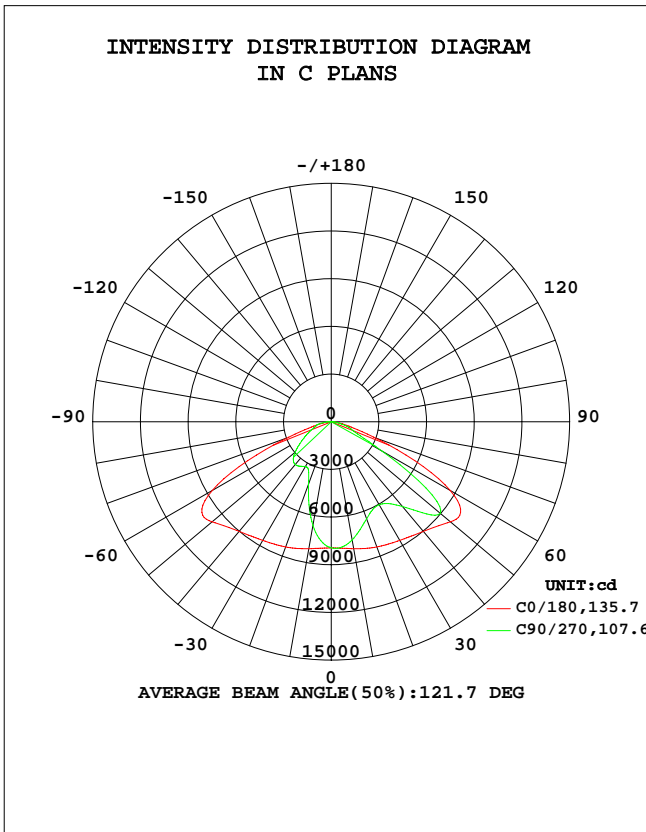


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.8532A P:181.1W PF:0.9682 Freq:49.99Hz Lamp Flux:24658.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-180Wot-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 136.17 lm/W			
MODEL	3030	I _{max} (cd)	13170	η street_up(%)	0.0
NOMINAL POWER(W)	180	LOR(%)	100.0	η street_down(%)	66.9
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	24658	η house_up(%)	0.0
NOMINAL FLUX(lm)	24658.1	MAXIMUM @(C,γ)	150,57.0	η house_down(%)	33.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.601

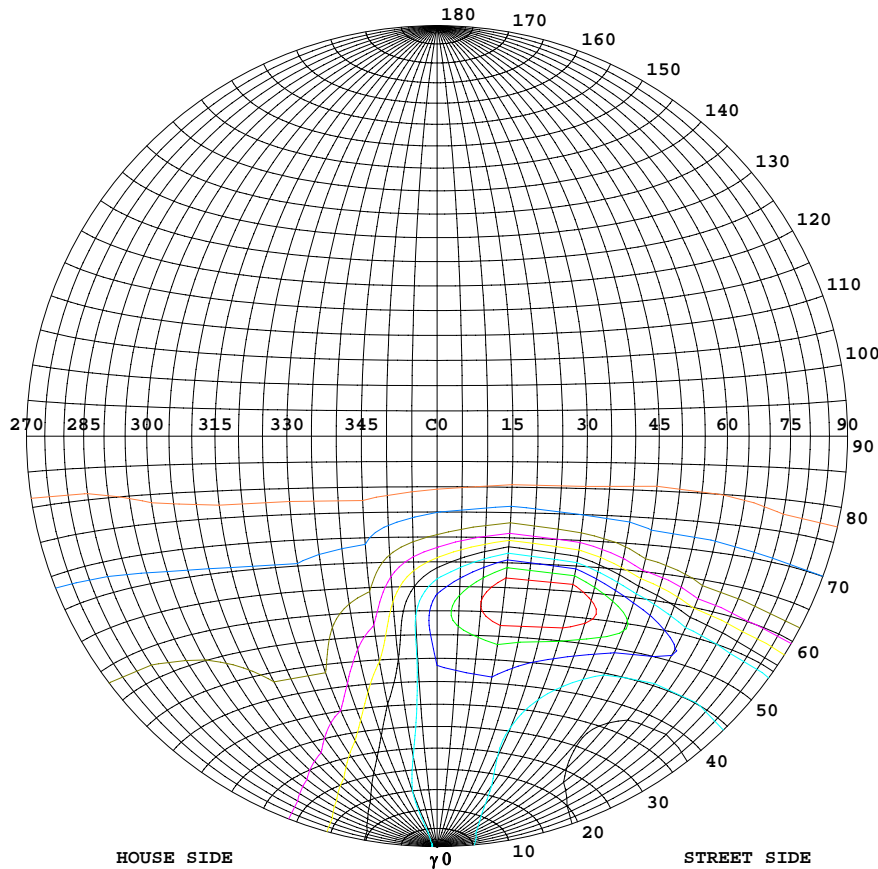


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.2V I:0.8532A P:181.1W PF:0.9682 Freq:49.99Hz Lamp Flux:24658.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-180Wot-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



Classification:

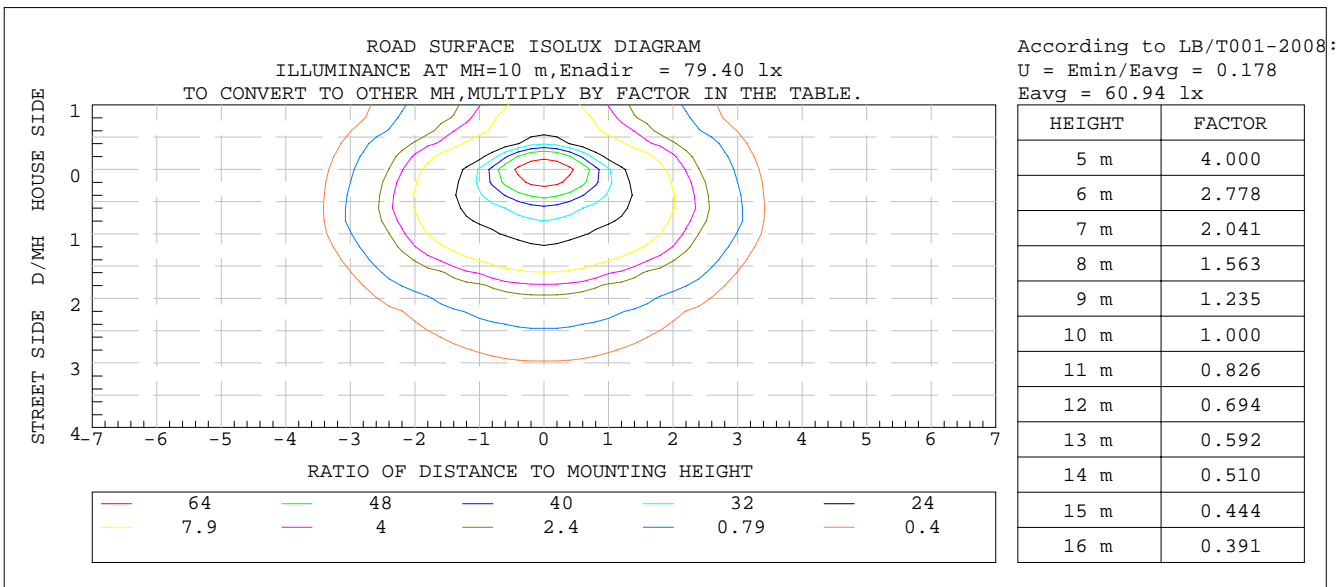
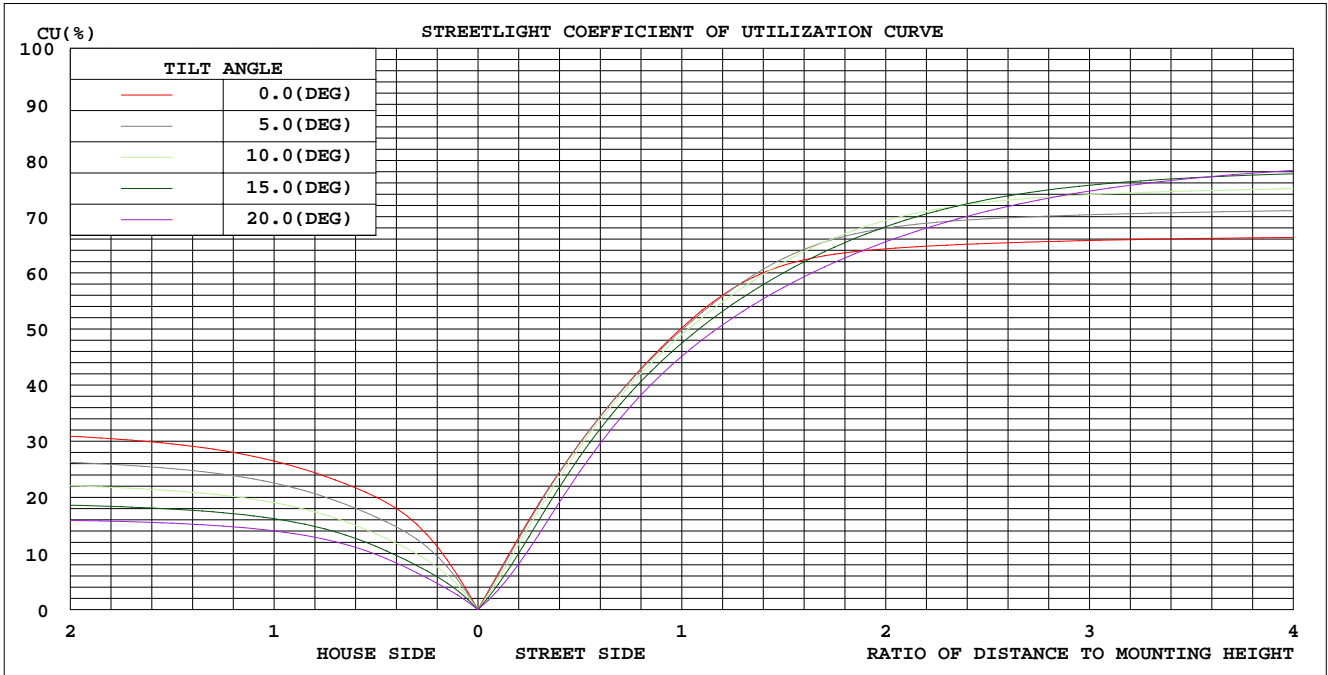
IES:Type II - Short
 CIE:Narrow - Short
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:31.36cd/klm
 Max.At90:0cd/klm
 Max.80-90:31.36cd/klm
 NRB 5101:Limited[5.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	13170
90%	11853
80%	10536
70%	9219
60%	7902
50%	6585
40%	5268
30%	3951
20%	2634
10%	1317
5%	658

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [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:
Test Date: 2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.2V I:0.8532A P:181.1W PF:0.9682 Freq:49.99Hz Lamp Flux:24658.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-180Wot-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

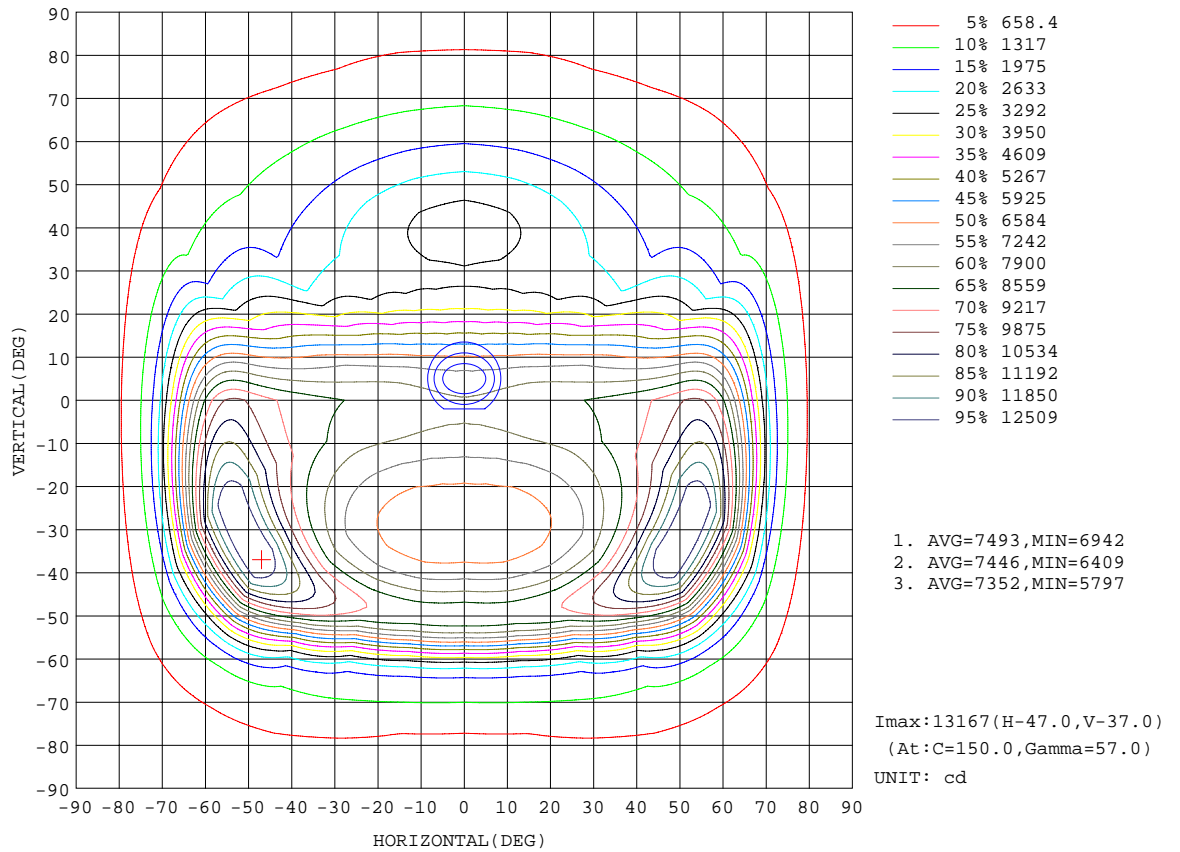
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	811.2	786.0	755.7	786.0	811.2	724.1	662.7	724.1	0- 10	740.4	740.4	3,3
20	838.5	726.5	650.9	726.5	838.5	549.8	418.4	549.8	10- 20	2005	2745	11.1,11.1
30	861.9	680.4	603.4	680.4	861.9	348.8	326.4	348.8	20- 30	2850	5594	22.7,22.7
40	901.3	718.5	695.7	718.5	901.3	273.3	352.1	273.3	30- 40	3653	9247	37.5,37.5
50	979.6	952.4	895.2	952.4	979.6	232.6	296.0	232.6	40- 50	4801	14048	57,57
60	864.6	852.4	370.5	852.4	864.6	167.8	193.0	167.8	50- 60	5690	19739	80,80
70	284.0	173.7	131.9	173.7	284.0	106.6	120.9	106.6	60- 70	3458	23196	94.1,94.1
80	60.03	75.91	48.73	75.91	60.03	52.96	77.32	52.96	70- 80	1178	24374	98.8,98.8
90	0	0	0	0	0	0	0	0	80- 90	284.3	24658	100,100
100	0	0	0	0	0	0	0	0	90-100	0	24658	100,100
110	0	0	0	0	0	0	0	0	100-110	0	24658	100,100
120	0	0	0	0	0	0	0	0	110-120	0	24658	100,100
130	0	0	0	0	0	0	0	0	120-130	0	24658	100,100
140	0	0	0	0	0	0	0	0	130-140	0	24658	100,100
150	0	0	0	0	0	0	0	0	140-150	0	24658	100,100
160	0	0	0	0	0	0	0	0	150-160	0	24658	100,100
170	0	0	0	0	0	0	0	0	160-170	0	24658	100,100
180	0	0	0	0	0	0	0	0	170-180	0	24658	100,100
DEG	LUMINOUS INTENSITY:×10cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

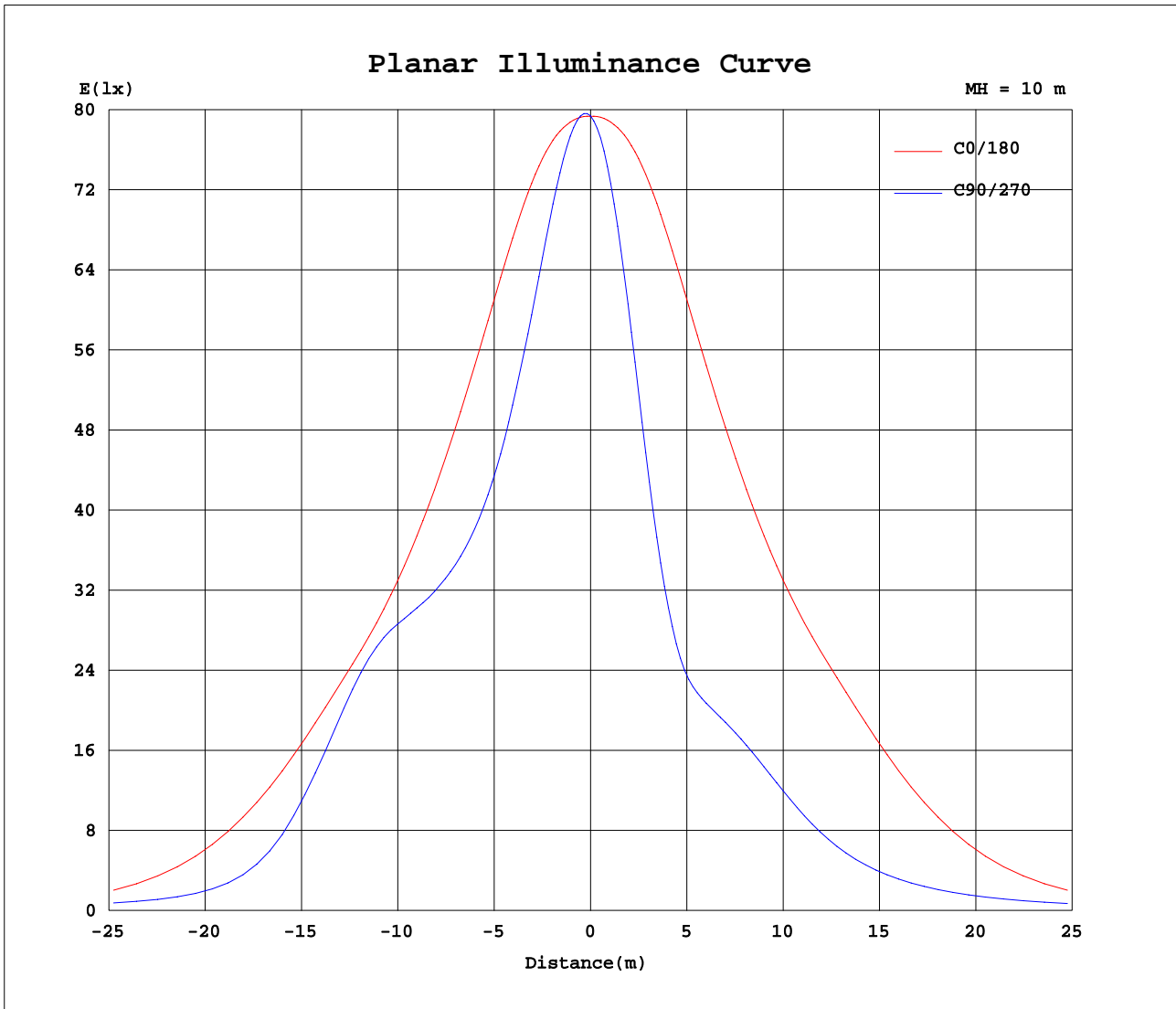
Test:U:219.2V I:0.8532A P:181.1W PF:0.9682 Freq:49.99Hz Lamp Flux:24658.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-180Wot-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

Planar Illuminance Curve



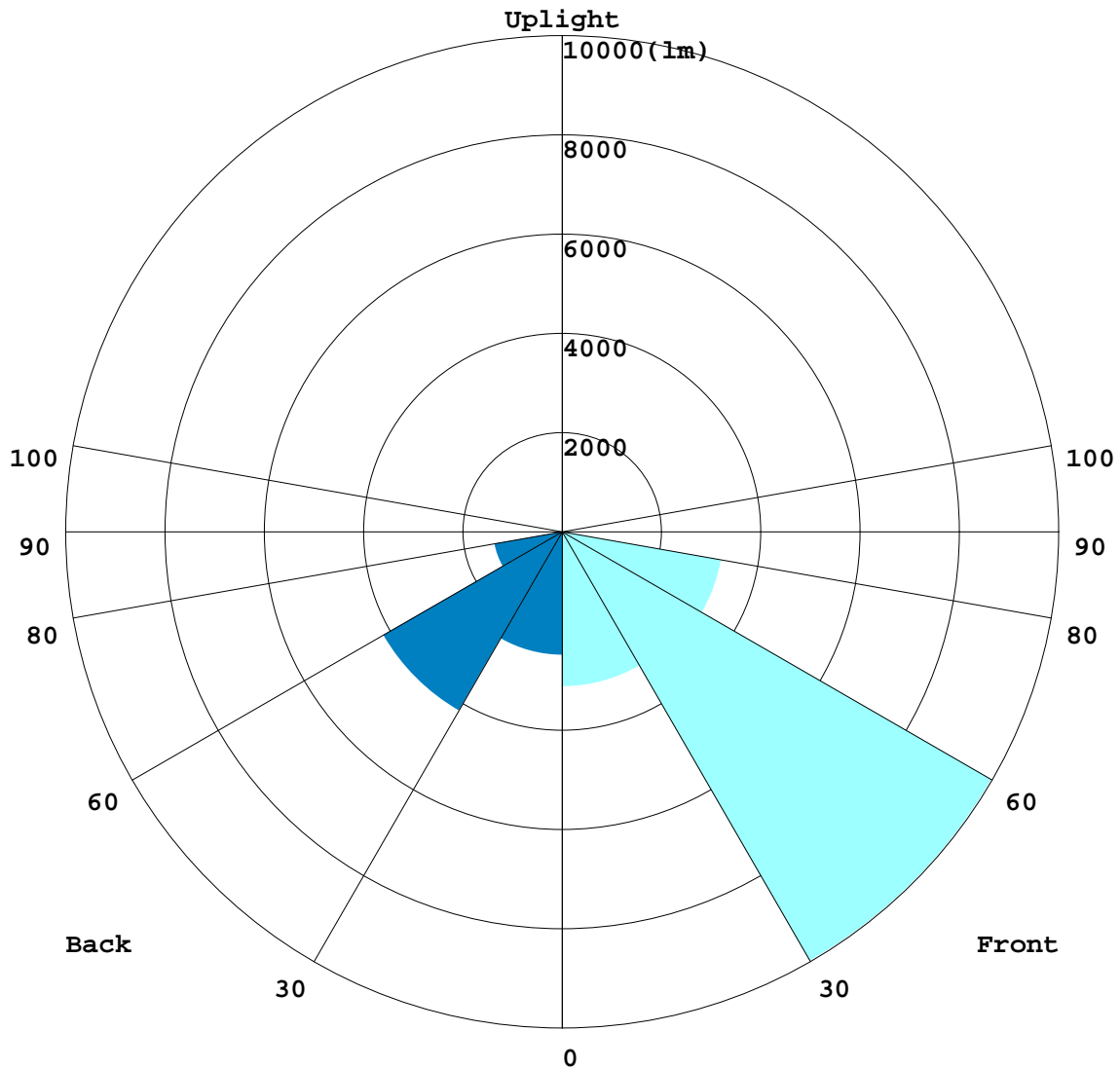
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.801m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:219.2V I:0.8532A P:181.1W PF:0.9682 Freq:49.99Hz Lamp Flux:24658.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-180Wot-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:219.2V I:0.8532A P:181.1W PF:0.9682 Freq:49.99Hz Lamp Flux:24658.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-180Wot-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3114.4	12.6
FM - Front-Medium(30-60)	9984	40.5
FH - Front-High(60-80)	3249.6	13.2
FVH - Front-Very High(80-90)	136.63	0.6
Total Forward Light	16485	66.9

BL - Back-Low(0-30)	2480.1	10.1
BM - Back-Medium(30-60)	4160.2	16.9
BH - Back-High(60-80)	1385.5	5.6
BVH - Back-Very High(80-90)	147.65	0.6
Total Back Light	8173.5	33.1

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B3-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	8173.5	0	8173.5
Street Side	16485	0	16485

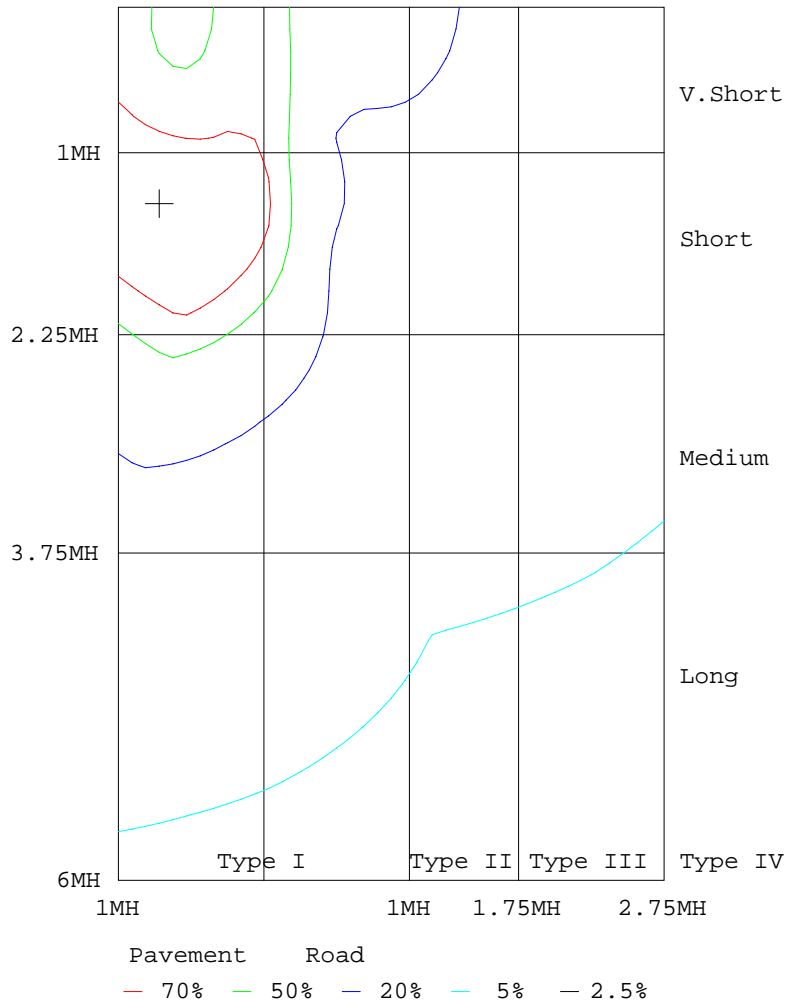
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.2V I:0.8532A P:181.1W PF:0.9682 Freq:49.99Hz Lamp Flux:24658.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-180WOT-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.2V I:0.8532A P:181.1W PF:0.9682 Freq:49.99Hz Lamp Flux:24658.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-180Wot-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	794	794	794	794	794	794	794	794	794	794	794	794	794	794	794	794	794	794	794
5	799	801	801	798	794	793	791	793	794	798	801	801	799	792	782	770	761	753	752
10	811	812	801	786	770	761	756	761	770	786	801	812	811	793	762	724	692	667	663
15	826	822	795	761	728	710	702	710	728	761	795	822	826	790	726	649	590	548	541
20	838	829	782	726	681	658	651	658	681	726	782	829	838	777	667	550	472	427	418
25	850	834	766	696	643	618	613	618	643	696	766	834	850	752	587	441	370	342	339
30	862	843	761	680	626	603	603	603	626	680	761	843	862	715	493	349	315	322	326
35	878	866	774	684	636	622	629	622	636	684	774	866	878	664	396	293	309	334	342
40	901	907	813	719	684	681	696	681	684	719	813	907	901	598	308	273	309	341	352
45	934	979	889	798	779	787	810	787	779	798	889	979	934	520	245	257	296	327	338
50	980	1107	1059	952	909	890	895	890	909	952	1059	1107	980	435	210	233	264	287	296
55	994	1270	1284	1059	855	759	728	759	855	1059	1284	1270	994	343	184	201	220	235	242
60	865	1264	1259	852	516	400	371	400	516	852	1259	1264	865	247	160	168	178	188	193
65	580	976	862	412	226	193	183	193	226	412	862	976	580	171	134	136	141	149	154
70	284	476	360	174	143	136	132	136	143	174	360	476	284	120	107	107	110	117	121
75	130	164	130	112	115	96.8	90.5	96.8	115	112	130	164	130	82.5	80.1	78.7	82.5	92.7	98.6
80	60.0	71.4	69.1	75.9	64.5	50.0	48.7	50.0	64.5	75.9	69.1	71.4	60.0	47.8	52.5	53.0	59.5	72.6	77.3
85	16.6	24.1	21.5	24.6	23.5	20.7	19.9	20.7	23.5	24.6	21.5	24.1	16.6	19.0	23.9	26.1	30.1	34.0	33.2
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.2V I:0.8532A P:181.1W PF:0.9682 Freq:49.99Hz Lamp Flux:24658.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-180WOT-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	794	794	794	794	794														
5	753	761	770	782	792														
10	667	692	724	762	793														
15	548	590	649	726	790														
20	427	472	550	667	777														
25	342	370	441	587	752														
30	322	315	349	493	715														
35	334	309	293	396	664														
40	341	309	273	308	598														
45	327	296	257	245	520														
50	287	264	233	210	435														
55	235	220	201	184	343														
60	188	178	168	160	247														
65	149	141	136	134	171														
70	117	110	107	107	120														
75	92.7	82.5	78.7	80.1	82.5														
80	72.6	59.5	53.0	52.5	47.8														
85	34.0	30.1	26.1	23.9	19.0														
90	0.00	0.00	0.00	0.00	0.00														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks: