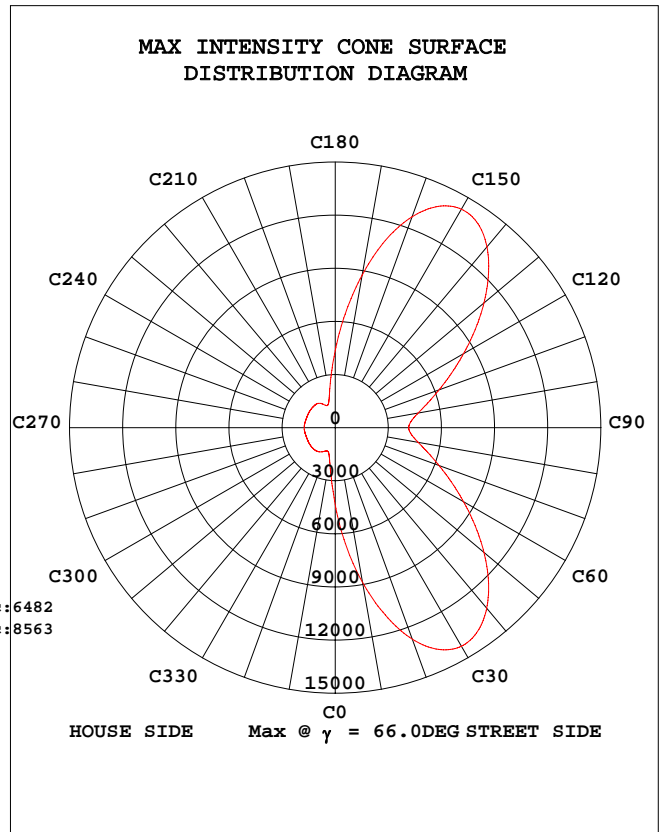
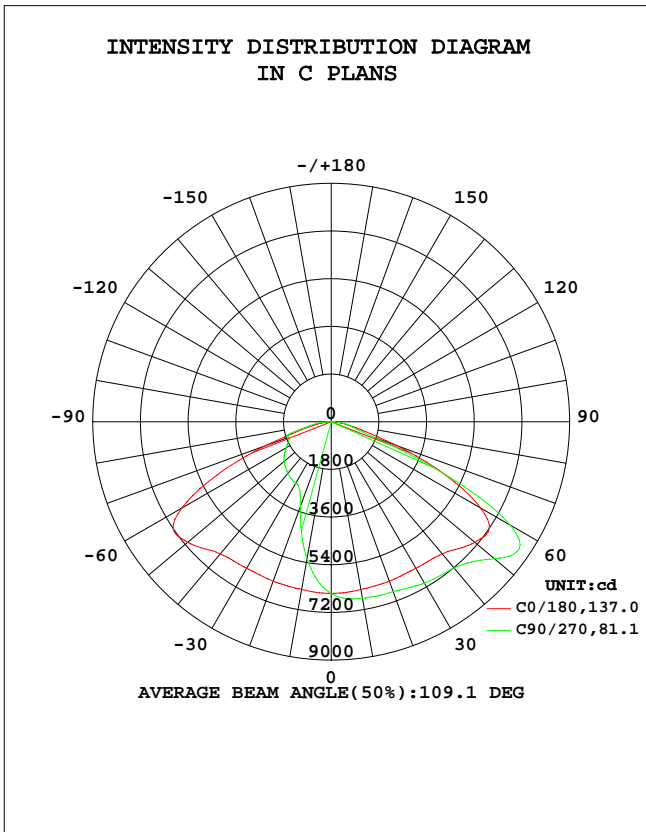


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.9201A P:199.5W PF:0.9891 Freq:49.99Hz Lamp Flux:25788.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-200Wot-NV-L3-00-5070-T401-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.24 lm/W			
MODEL	3030	I _{max} (cd)	14251	η street_up(%)	0.0
NOMINAL POWER(W)	200	LOR(%)	100.0	η street_down(%)	73.2
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	25789	η house_up(%)	0.0
NOMINAL FLUX(lm)	25788.6	MAXIMUM @(C,γ)	30,66.0	η house_down(%)	26.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.551

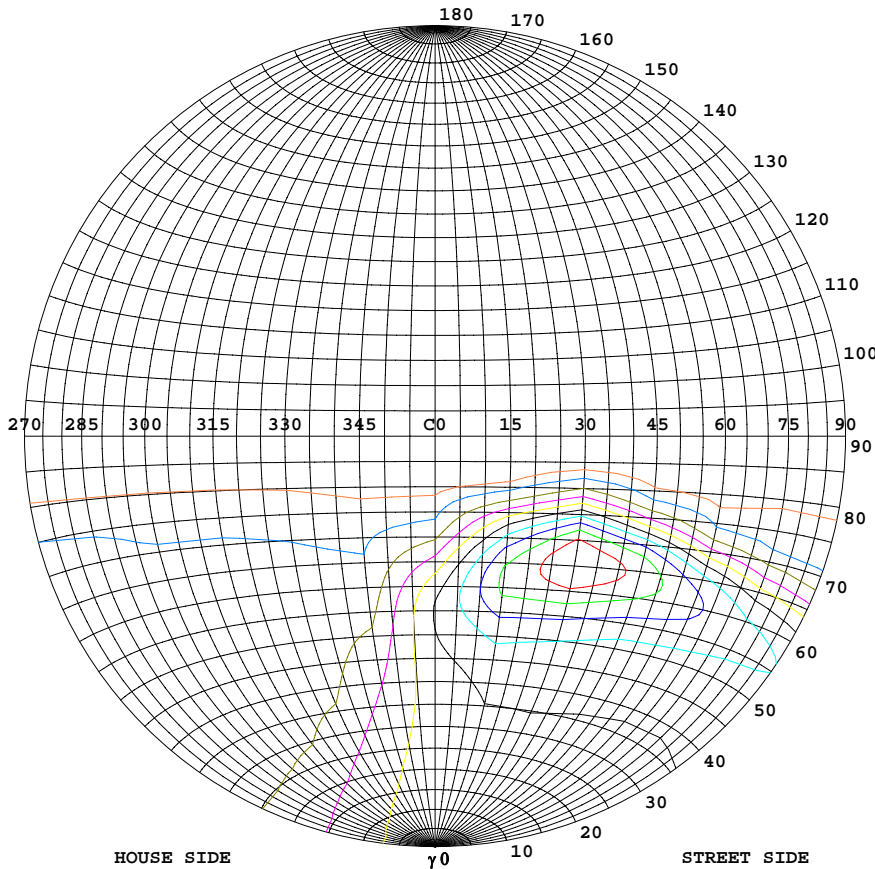


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-18

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:219.3V I:0.9201A P:199.5W PF:0.9891 Freq:49.99Hz Lamp Flux:25788.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-200WOT-NV-L3-00-5070-T401-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



Classification:

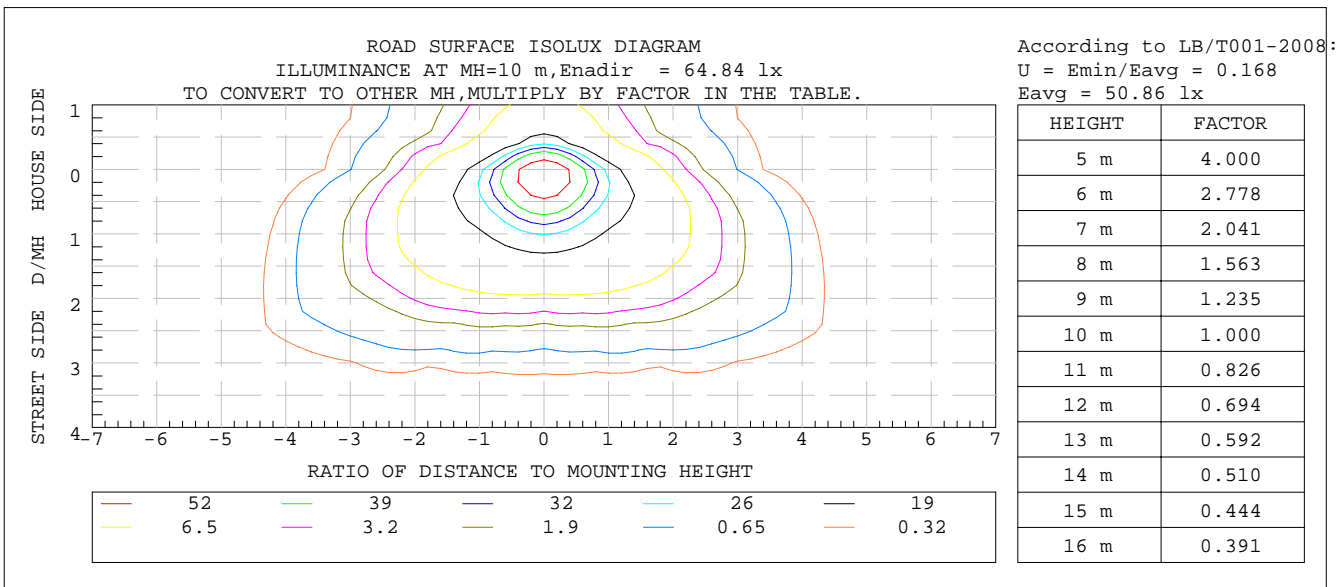
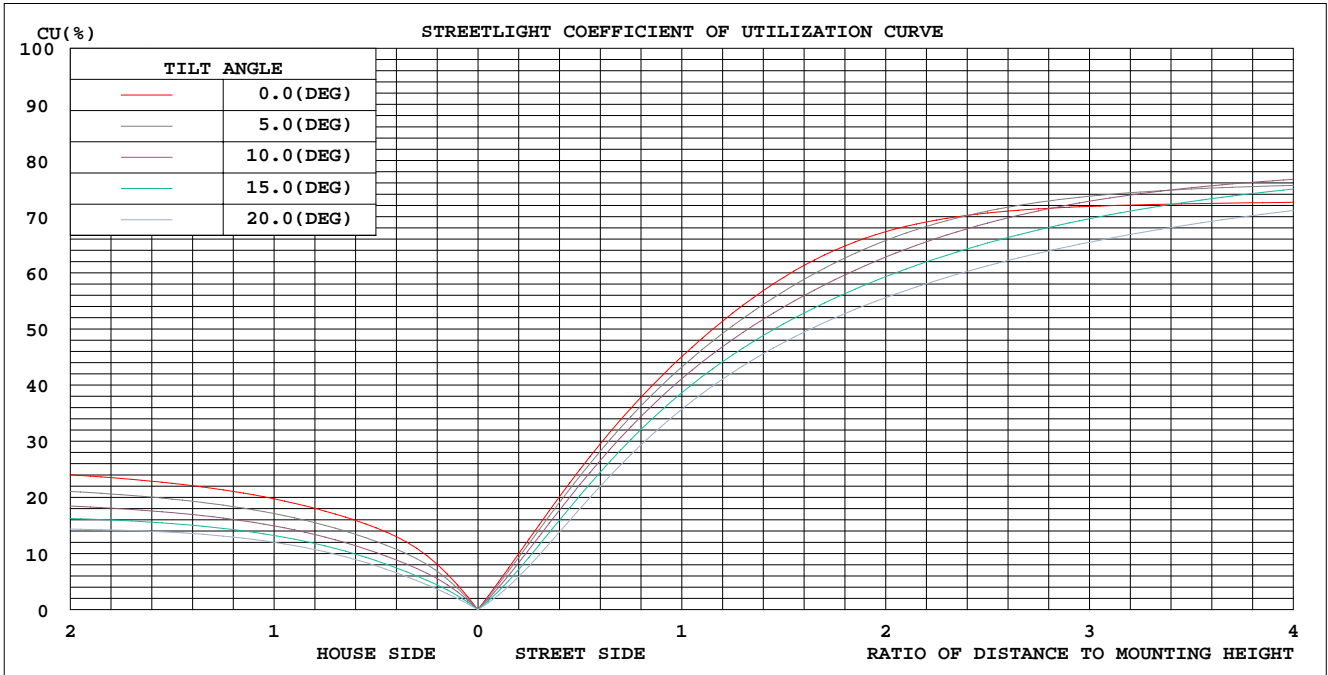
IES:Type III - Short
 CIE:Average - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:111.7cd/klm
 Max.At90:0cd/klm
 Max.80-90:111.7cd/klm
 NRB 5101:Semi limited[22.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	14251
90%	12826
80%	11401
70%	9976
60%	8551
50%	7125
40%	5700
30%	4275
20%	2850
10%	1425
5%	713

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-18

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: 2019-11-18

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:219.3V I:0.9201A P:199.5W PF:0.9891 Freq:49.99Hz Lamp Flux:25788.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-200Wot-NV-L3-00-5070-T401-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

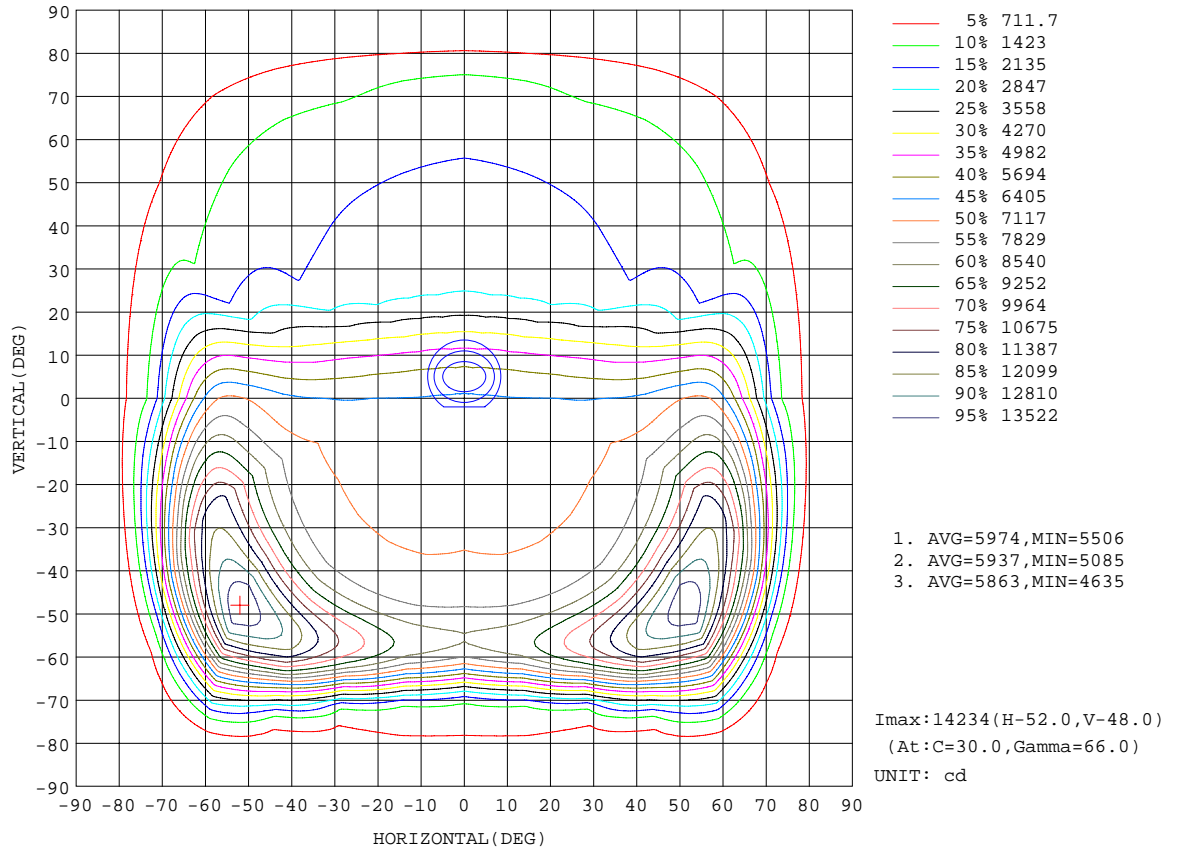
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	643.0	673.2	677.0	673.2	643.0	565.1	525.2	565.1	0- 10	604.9	604.9	2.35,2.35
20	640.7	682.4	682.5	682.4	640.7	422.3	342.3	422.3	10- 20	1672	2277	8.83,8.83
30	638.7	697.5	703.3	697.5	638.7	277.0	267.9	277.0	20- 30	2494	4771	18.5,18.5
40	651.8	725.8	721.4	725.8	651.8	226.6	254.5	226.6	30- 40	3244	8015	31.1,31.1
50	707.9	812.9	804.6	812.9	707.9	210.3	232.3	210.3	40- 50	4063	12078	46.8,46.8
60	650.8	1151	780.1	1151	650.8	187.4	196.2	187.4	50- 60	5316	17394	67.4,67.4
70	261.3	961.1	172.7	961.1	261.3	152.1	171.3	152.1	60- 70	5547	22941	89,89
80	54.74	82.48	60.63	82.48	54.74	72.68	75.76	72.68	70- 80	2483	25424	98.6,98.6
90	0	0	0	0	0	0	0	0	80- 90	365.1	25789	100,100
100	0	0	0	0	0	0	0	0	90-100	0	25789	100,100
110	0	0	0	0	0	0	0	0	100-110	0	25789	100,100
120	0	0	0	0	0	0	0	0	110-120	0	25789	100,100
130	0	0	0	0	0	0	0	0	120-130	0	25789	100,100
140	0	0	0	0	0	0	0	0	130-140	0	25789	100,100
150	0	0	0	0	0	0	0	0	140-150	0	25789	100,100
160	0	0	0	0	0	0	0	0	150-160	0	25789	100,100
170	0	0	0	0	0	0	0	0	160-170	0	25789	100,100
180	0	0	0	0	0	0	0	0	170-180	0	25789	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:2019-11-18

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

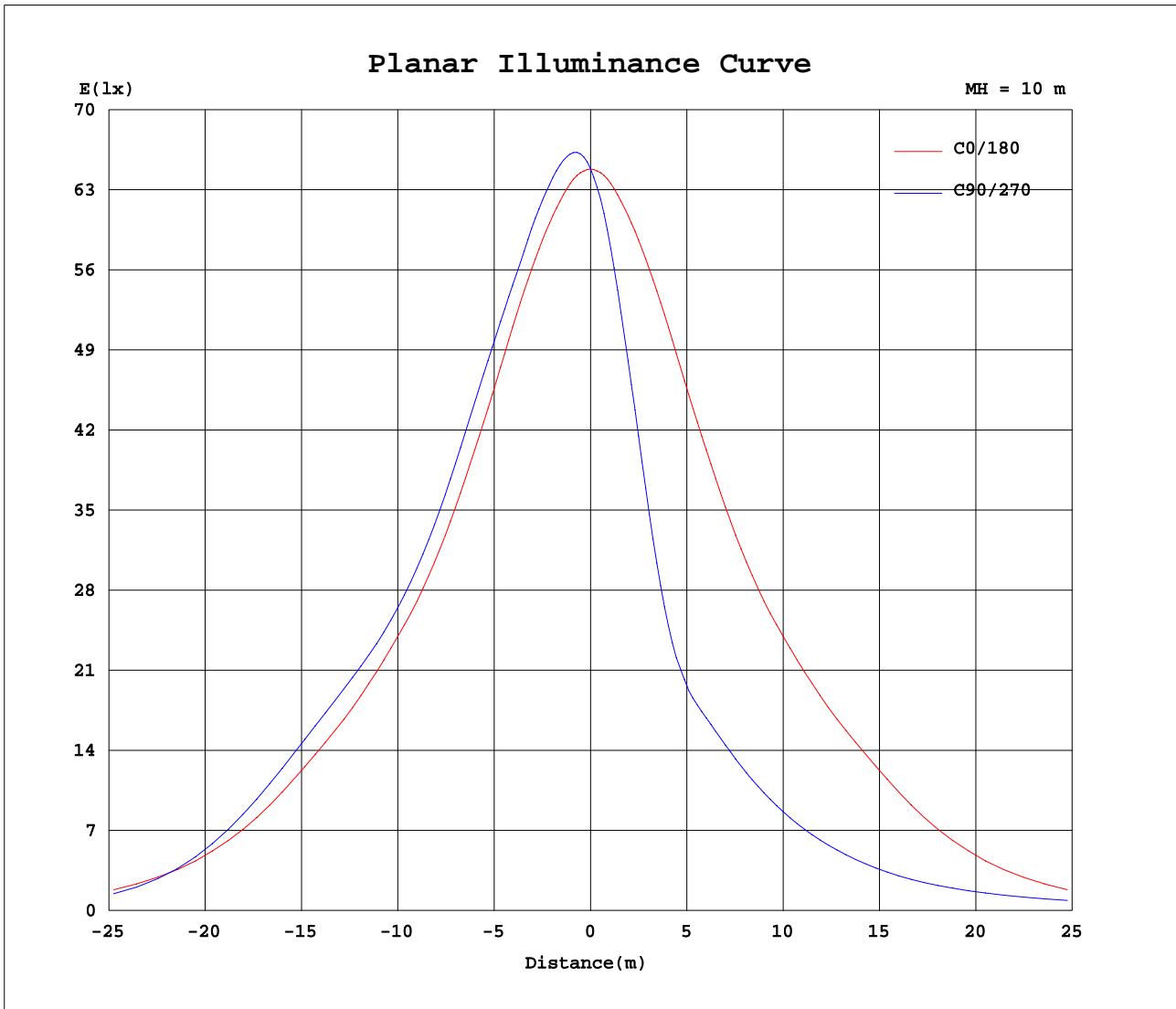
Test:U:219.3V I:0.9201A P:199.5W PF:0.9891 Freq:49.99Hz Lamp Flux:25788.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-200WoT-NV-L3-00-5070-T401-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-18

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



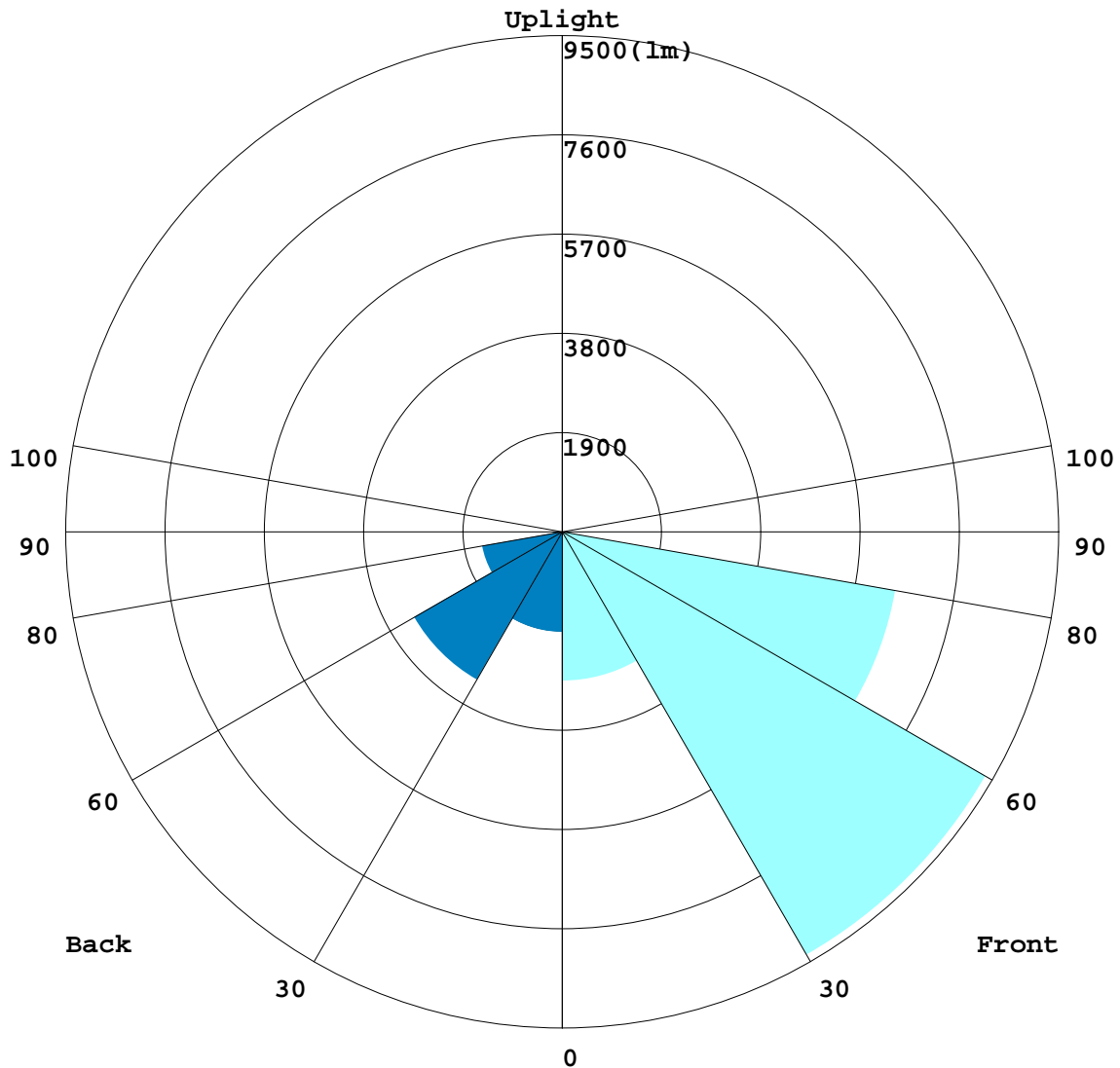
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-11-18

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:219.3V I:0.9201A P:199.5W PF:0.9891 Freq:49.99Hz Lamp Flux:25788.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-200WOT-NV-L3-00-5070-T401-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:2019-11-18

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:219.3V I:0.9201A P:199.5W PF:0.9891 Freq:49.99Hz Lamp Flux:25788.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-200Wot-NV-L3-00-5070-T401-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)	2852.6	11.1
FM - Front-Medium(30-60)	9352.8	36.3
FH - Front-High(60-80)	6474.5	25.1
FVH - Front-Very High(80-90)	185.95	0.7
Total Forward Light	18866	73.2

BL - Back-Low(0-30)	1918	7.4
BM - Back-Medium(30-60)	3270.3	12.7
BH - Back-High(60-80)	1555.4	6.0
BVH - Back-Very High(80-90)	179.16	0.7
Total Back Light	6922.8	26.8

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	6922.8	0	6922.8
Street Side	18866	0	18866

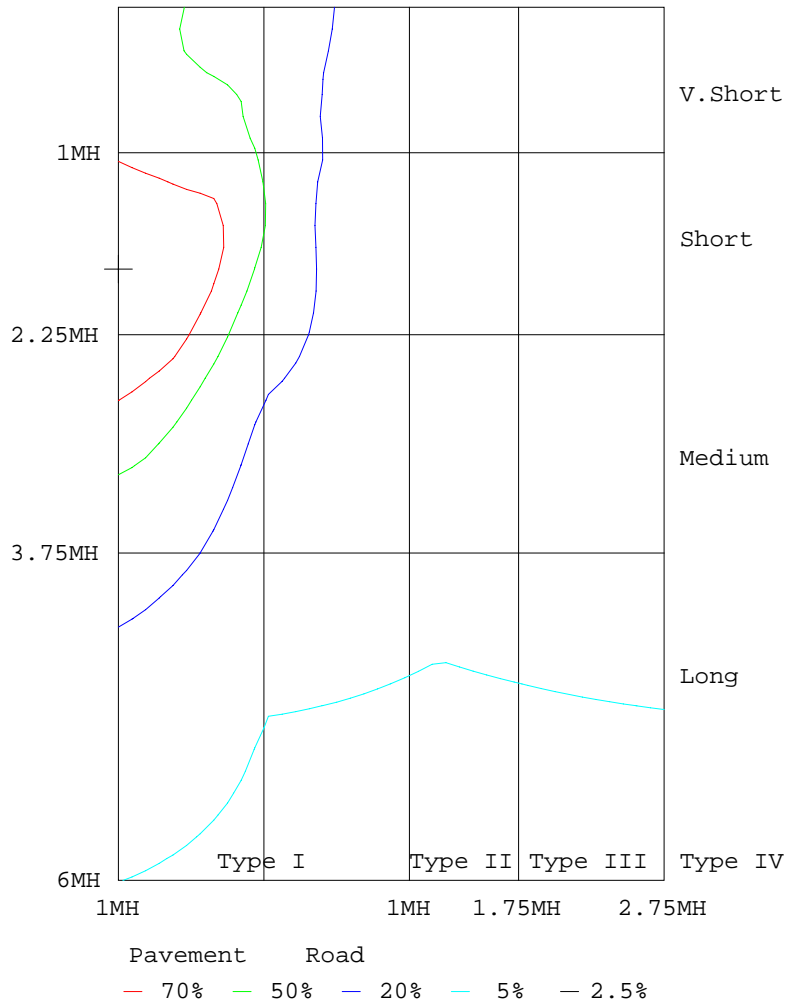
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-18

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:219.3V I:0.9201A P:199.5W PF:0.9891 Freq:49.99Hz Lamp Flux:25788.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-200WOT-NV-L3-00-5070-T401-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:2019-11-18

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:219.3V I:0.9201A P:199.5W PF:0.9891 Freq:49.99Hz Lamp Flux:25788.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-200Wot-NV-L3-00-5070-T401-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	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648
5	647	654	660	665	668	670	670	670	668	665	660	654	647	636	625	615	607	601	601
10	643	659	667	673	675	677	677	677	675	673	667	659	643	620	593	565	544	528	525
15	641	662	673	678	678	680	680	680	678	678	673	662	641	598	549	499	464	439	435
20	641	670	679	682	681	681	682	681	681	682	679	670	641	573	495	422	375	346	342
25	638	680	689	688	686	689	692	689	686	688	689	680	638	543	435	344	298	282	284
30	639	693	699	698	695	699	703	699	695	698	699	693	639	508	369	277	256	263	268
35	642	710	714	709	706	709	711	709	706	709	714	710	642	465	303	239	245	258	263
40	652	740	736	726	719	718	721	718	719	726	736	740	652	423	250	227	239	249	254
45	678	795	774	752	744	742	749	742	744	752	774	795	678	370	216	219	230	239	244
50	708	890	857	813	803	799	805	799	803	813	857	890	708	309	201	210	218	226	232
55	724	1035	1025	952	925	880	856	880	925	952	1025	1035	724	243	189	199	204	210	216
60	651	1171	1257	1151	1027	868	780	868	1027	1151	1257	1171	651	186	177	187	189	191	196
65	476	1125	1422	1243	902	619	486	619	902	1243	1422	1125	476	152	162	175	175	175	179
70	261	892	1299	961	470	253	173	253	470	961	1299	892	261	123	141	152	152	160	171
75	116	506	822	402	126	96.3	89.7	96.3	126	402	822	506	116	90.3	108	114	115	130	143
80	54.7	109	288	82.5	55.2	62.2	60.6	62.2	55.2	82.5	288	109	54.7	54.4	68.7	72.7	73.1	73.4	75.8
85	17.5	24.0	33.1	23.4	23.5	27.9	27.4	27.9	23.5	23.4	33.1	24.0	17.5	24.1	34.1	36.4	39.0	39.1	42.1
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:2019-11-18

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:219.3V I:0.9201A P:199.5W PF:0.9891 Freq:49.99Hz Lamp Flux:25788.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-200WOT-NV-L3-00-5070-T401-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	648	648	648	648	648														
5	601	607	615	625	636														
10	528	544	565	593	620														
15	439	464	499	549	598														
20	346	375	422	495	573														
25	282	298	344	435	543														
30	263	256	277	369	508														
35	258	245	239	303	465														
40	249	239	227	250	423														
45	239	230	219	216	370														
50	226	218	210	201	309														
55	210	204	199	189	243														
60	191	189	187	177	186														
65	175	175	175	162	152														
70	160	152	152	141	123														
75	130	115	114	108	90.3														
80	73.4	73.1	72.7	68.7	54.4														
85	39.1	39.0	36.4	34.1	24.1														
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:2019-11-18

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: