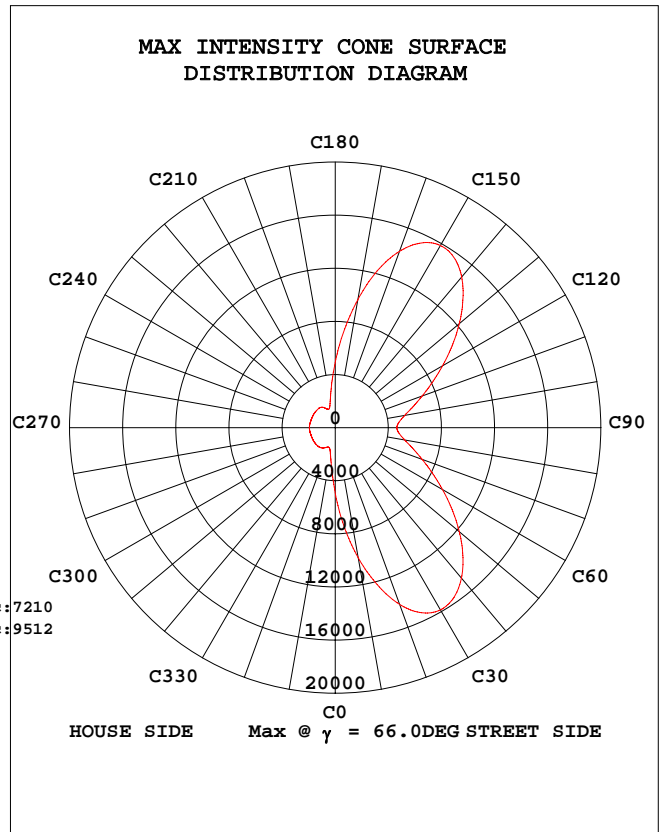
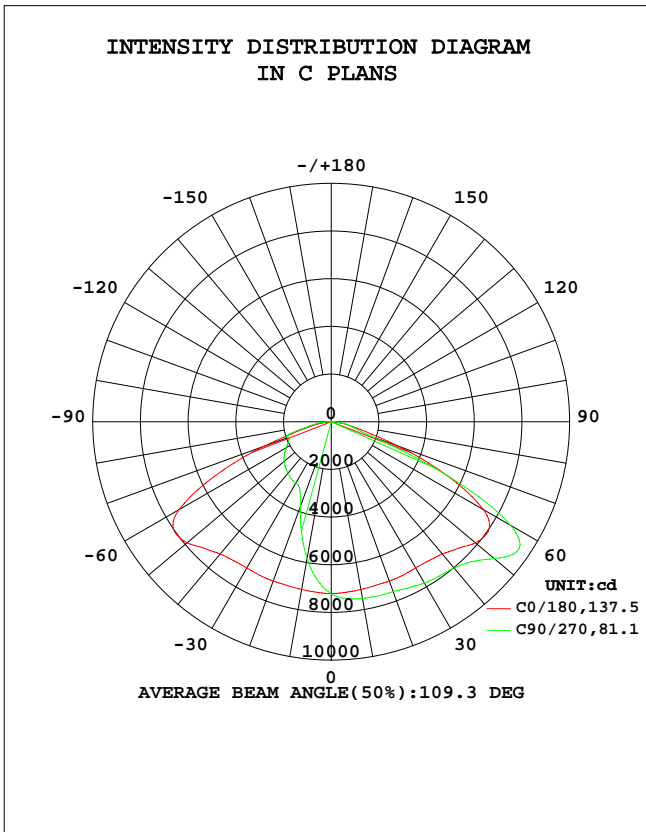


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:1.046A P:227.3W PF:0.9913 Freq:49.99Hz Lamp Flux:28739.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-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: 126.43 lm/W			
MODEL	3030	I _{max} (cd)	15845	η street_up(%)	0.0
NOMINAL POWER(W)	230	LOR(%)	100.0	η street_down(%)	73.3
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	28739	η house_up(%)	0.0
NOMINAL FLUX(lm)	28739.1	MAXIMUM @(C,γ)	150,66.0	η house_down(%)	26.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.705

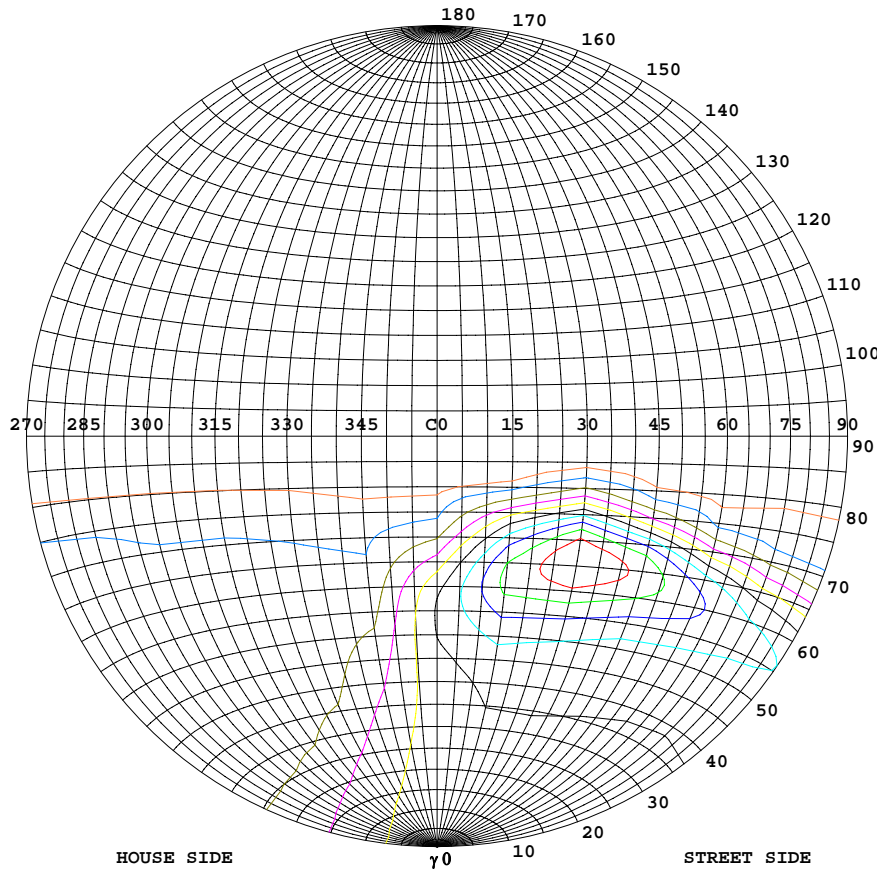


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-18

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:219.2V I:1.046A P:227.3W PF:0.9913 Freq:49.99Hz Lamp Flux:28739.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T401-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



Classification:

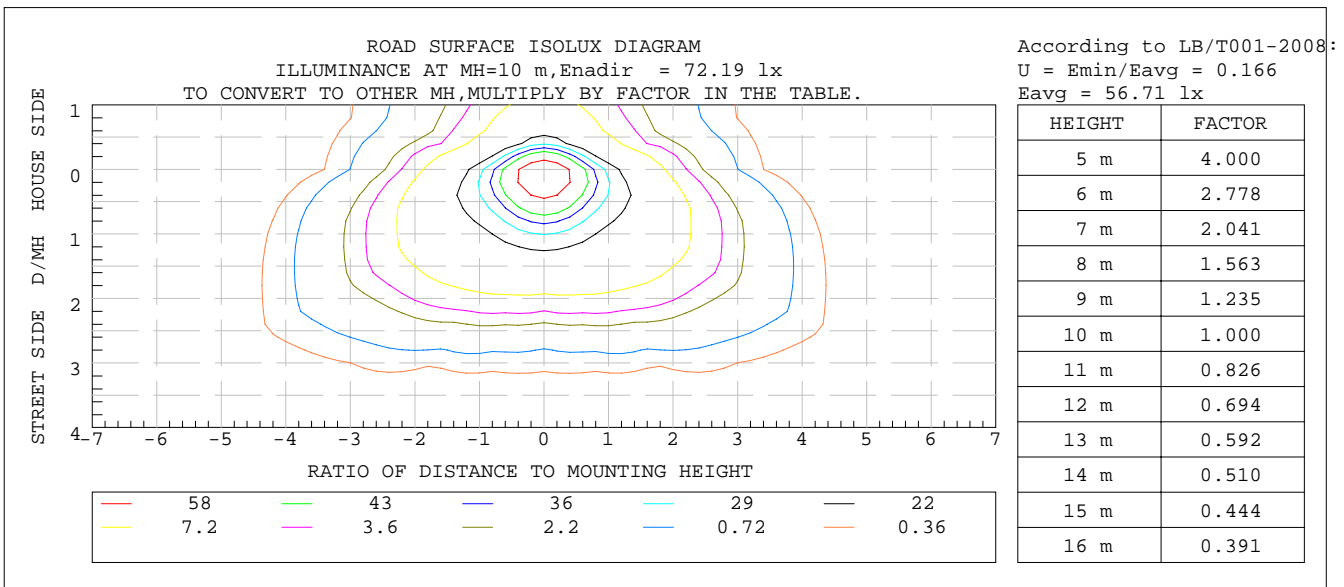
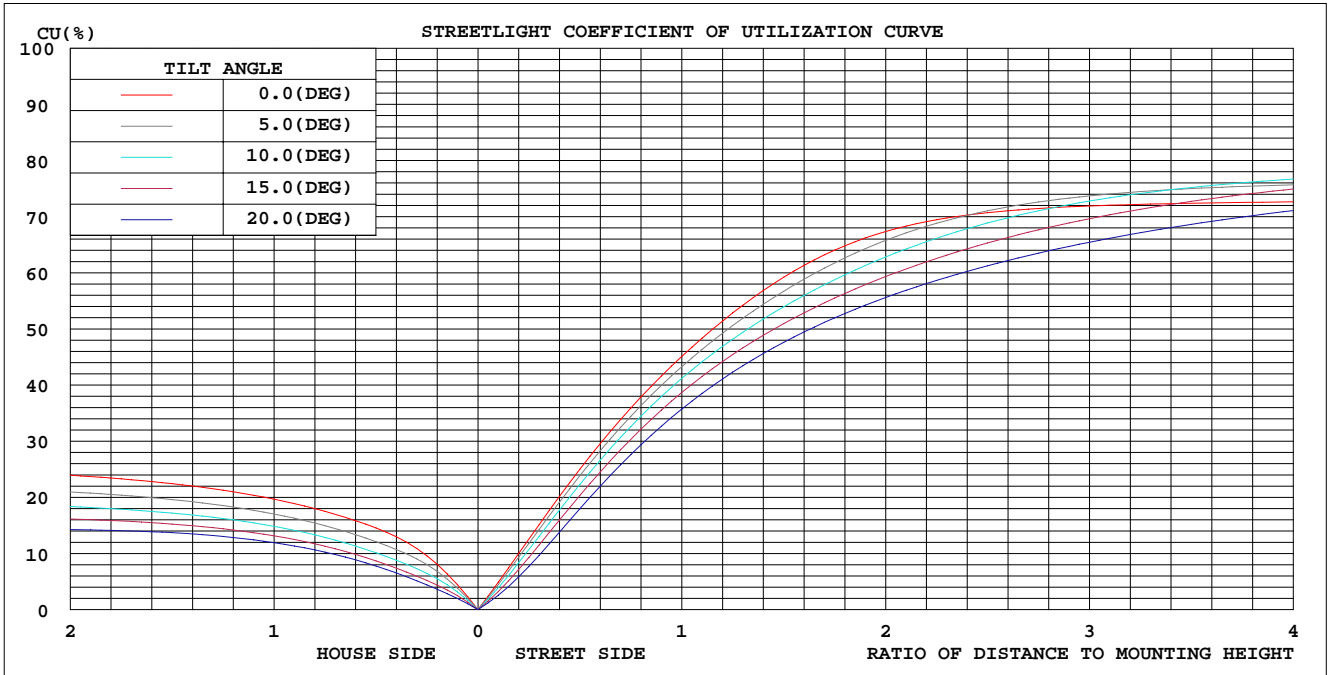
IES:Type III - Short
 CIE:Average - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:114.6cd/klm
 Max.At90:0cd/klm
 Max.80-90:114.6cd/klm
 NRB 5101:Semi limited[23.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	15845
90%	14261
80%	12676
70%	11092
60%	9507
50%	7923
40%	6338
30%	4754
20%	3169
10%	1585
5%	792

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:219.2V I:1.046A P:227.3W PF:0.9913 Freq:49.99Hz Lamp Flux:28739.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T401-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

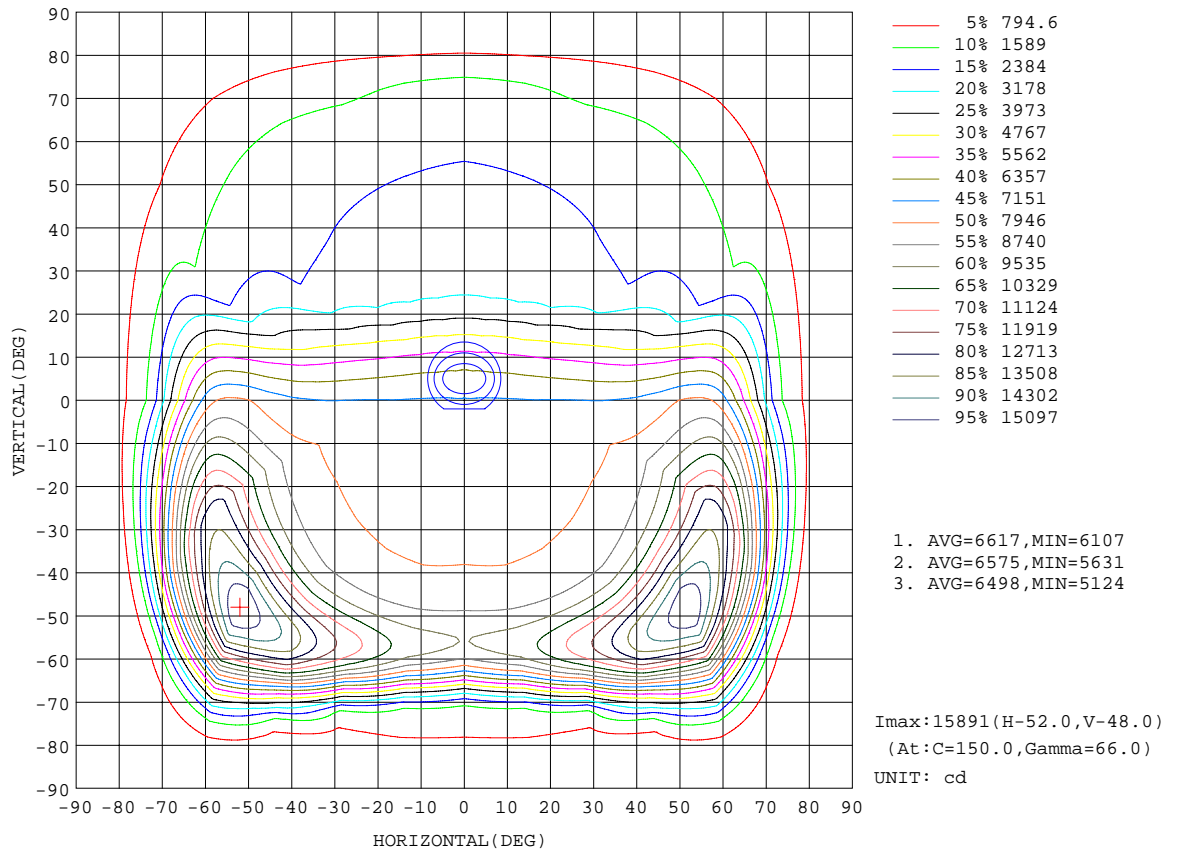
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	714.5	748.6	752.3	748.6	714.5	627.9	582.9	627.9	0- 10	672.3	672.3	2.34,2.34
20	711.4	758.5	758.3	758.5	711.4	469.3	379.5	469.3	10- 20	1858	2531	8.81,8.81
30	708.3	774.9	781.1	774.9	708.3	307.8	297.3	307.8	20- 30	2773	5304	18.5,18.5
40	723.9	805.9	801.0	805.9	723.9	252.0	282.8	252.0	30- 40	3608	8912	31,31
50	789.8	900.6	893.0	900.6	789.8	234.3	258.3	234.3	40- 50	4520	13432	46.7,46.7
60	736.7	1272	868.1	1272	736.7	208.7	218.1	208.7	50- 60	5902	19334	67.3,67.3
70	297.4	1077	194.0	1077	297.4	169.8	191.4	169.8	60- 70	6198	25532	88.8,88.8
80	60.52	93.01	67.63	93.01	60.52	80.48	83.80	80.48	70- 80	2797	28328	98.6,98.6
90	0	0	0	0	0	0	0	0	80- 90	410.7	28739	100,100
100	0	0	0	0	0	0	0	0	90-100	0	28739	100,100
110	0	0	0	0	0	0	0	0	100-110	0	28739	100,100
120	0	0	0	0	0	0	0	0	110-120	0	28739	100,100
130	0	0	0	0	0	0	0	0	120-130	0	28739	100,100
140	0	0	0	0	0	0	0	0	130-140	0	28739	100,100
150	0	0	0	0	0	0	0	0	140-150	0	28739	100,100
160	0	0	0	0	0	0	0	0	150-160	0	28739	100,100
170	0	0	0	0	0	0	0	0	160-170	0	28739	100,100
180	0	0	0	0	0	0	0	0	170-180	0	28739	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

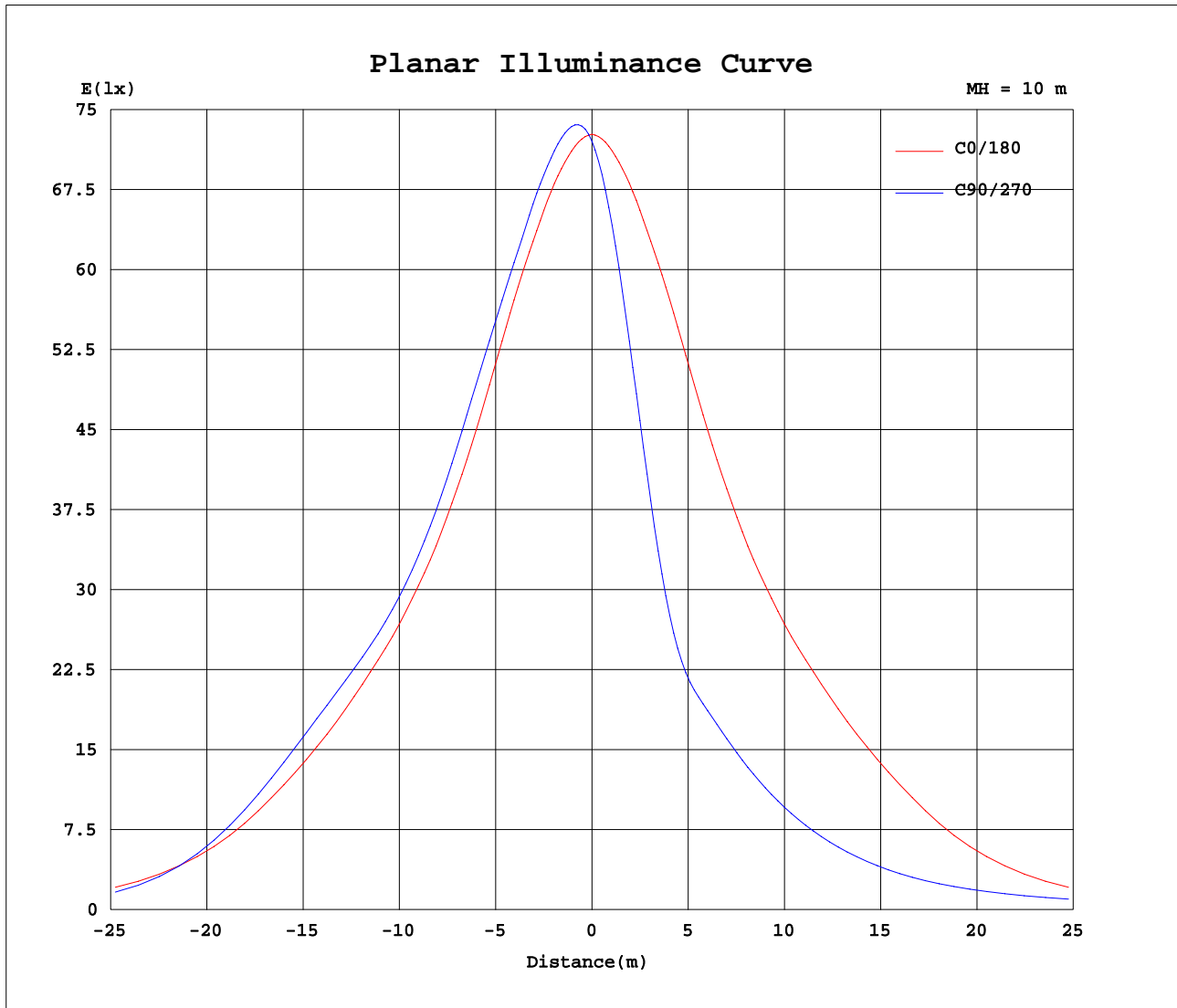
Test:U:219.2V I:1.046A P:227.3W PF:0.9913 Freq:49.99Hz Lamp Flux:28739.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T401-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



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



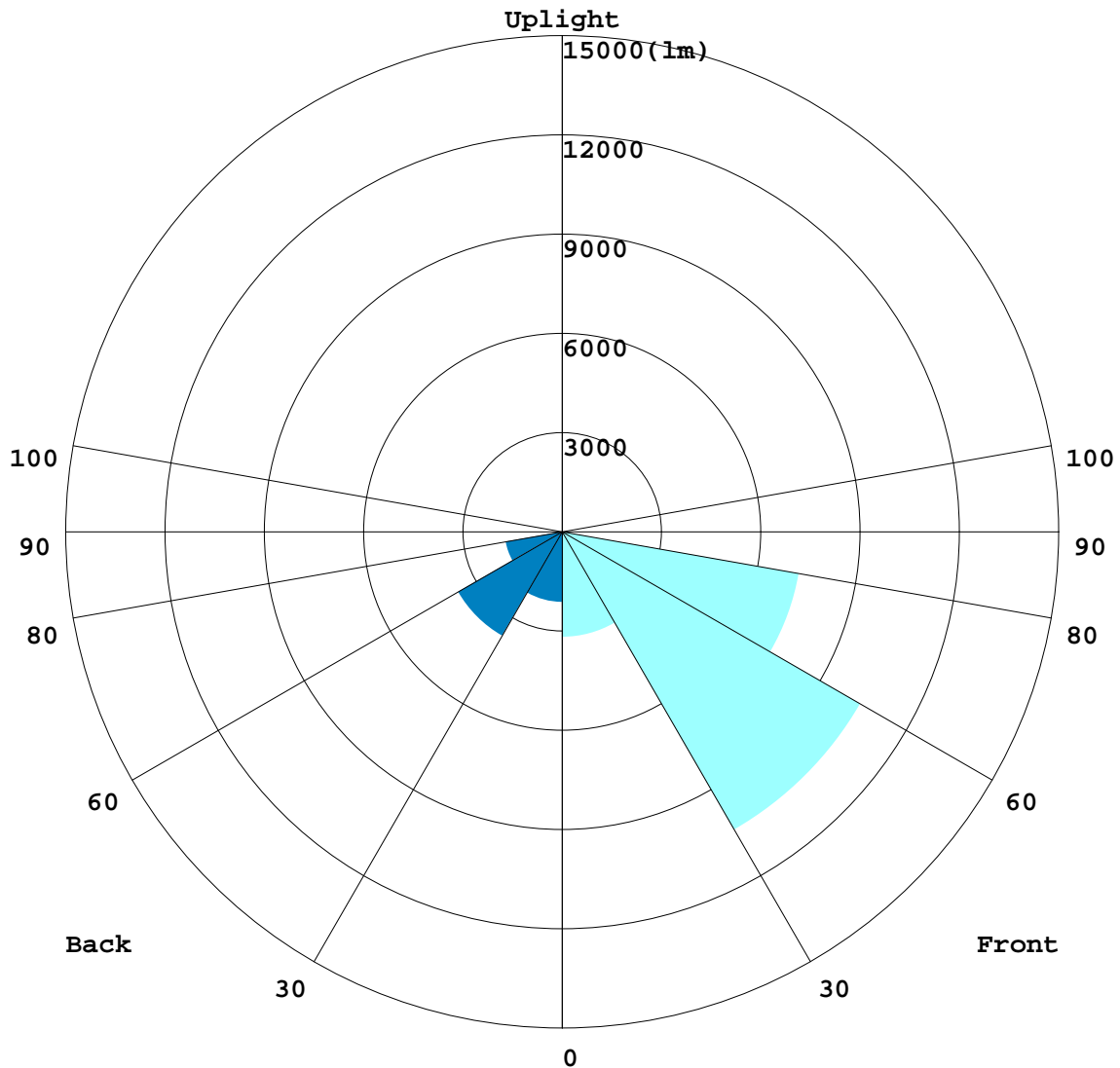
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-11-18

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:219.2V I:1.046A P:227.3W PF:0.9913 Freq:49.99Hz Lamp Flux:28739.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-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:219.2V I:1.046A P:227.3W PF:0.9913 Freq:49.99Hz Lamp Flux:28739.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-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)	3179.8	11.1
FM - Front-Medium(30-60)	10398	36.2
FH - Front-High(60-80)	7262.1	25.3
FVH - Front-Very High(80-90)	213.7	0.7
Total Forward Light	21053	73.3

BL - Back-Low(0-30)	2124.1	7.4
BM - Back-Medium(30-60)	3632.2	12.6
BH - Back-High(60-80)	1732.6	6.0
BVH - Back-Very High(80-90)	197	0.7
Total Back Light	7685.9	26.7

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	7685.9	0	7685.9
Street Side	21053	0	21053

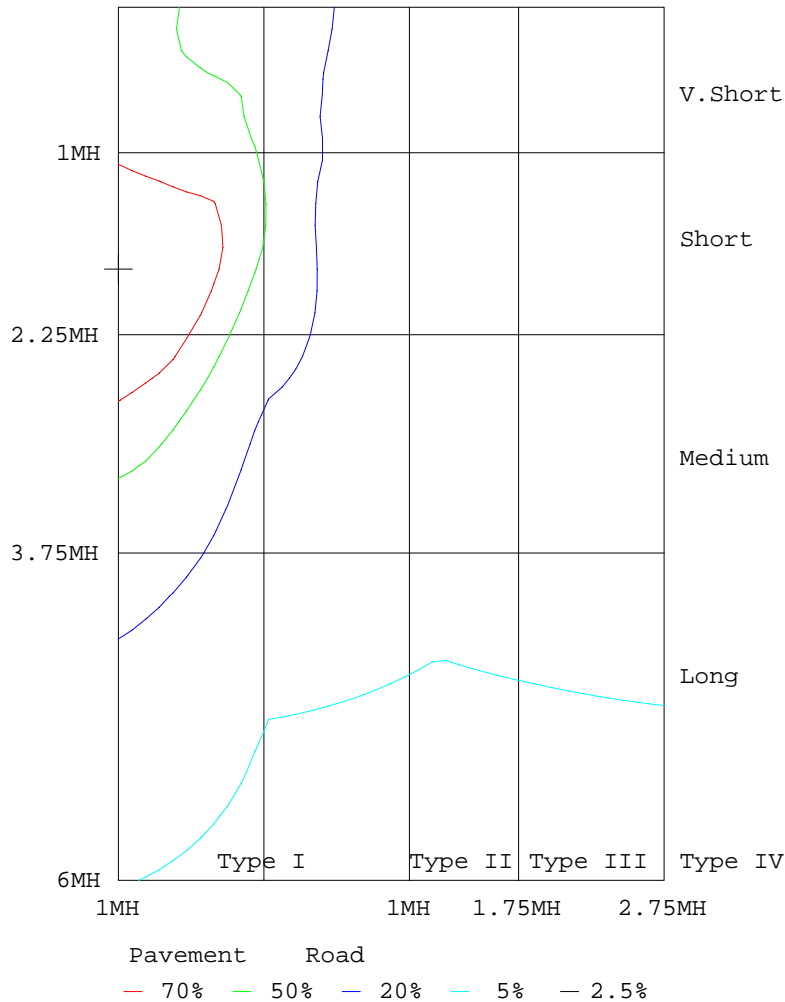
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-18

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:219.2V I:1.046A P:227.3W PF:0.9913 Freq:49.99Hz Lamp Flux:28739.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230WOT-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:219.2V I:1.046A P:227.3W PF:0.9913 Freq:49.99Hz Lamp Flux:28739.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-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	721	721	721	721	721	721	721	721	721	721	721	721	721	721	721	721	721	721	721
5	718	727	734	740	742	745	745	745	742	740	734	727	718	708	697	684	675	667	667
10	715	731	742	749	750	752	752	752	750	749	742	731	715	690	659	628	603	585	583
15	711	736	748	753	753	755	756	755	753	753	748	736	711	667	611	555	515	487	481
20	711	745	755	759	757	757	758	757	757	759	755	745	711	638	550	469	415	384	380
25	710	755	766	765	762	765	768	765	762	765	766	755	710	604	484	381	330	313	313
30	708	770	776	775	772	776	781	776	772	775	776	770	708	565	411	308	284	292	297
35	712	789	792	788	784	787	790	787	784	788	792	789	712	519	337	266	273	287	292
40	724	820	817	806	798	797	801	797	798	806	817	820	724	468	278	252	265	277	283
45	751	883	860	834	825	824	831	824	825	834	860	883	751	413	241	244	256	265	272
50	790	988	950	901	890	886	893	886	890	901	950	988	790	344	224	234	243	251	258
55	803	1139	1128	1050	1023	975	951	975	1023	1050	1128	1139	803	270	211	222	227	233	240
60	737	1295	1385	1272	1138	965	868	965	1138	1272	1385	1295	737	207	197	209	211	213	218
65	540	1260	1580	1379	1005	691	543	691	1005	1379	1580	1260	540	169	180	195	195	195	199
70	297	1001	1444	1077	527	282	194	282	527	1077	1444	1001	297	138	156	170	169	178	191
75	128	578	923	456	125	107	99.9	107	125	456	923	578	128	101	120	127	128	143	157
80	60.5	126	329	93.0	61.6	69.4	67.6	69.4	61.6	93.0	329	126	60.5	60.6	76.5	80.5	81.0	81.1	83.8
85	19.0	26.5	38.5	26.3	26.4	31.3	30.8	31.3	26.4	26.3	38.5	26.5	19.0	26.4	37.3	40.2	42.8	43.4	46.6
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:219.2V I:1.046A P:227.3W PF:0.9913 Freq:49.99Hz Lamp Flux:28739.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-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	721	721	721	721	721														
5	667	675	684	697	708														
10	585	603	628	659	690														
15	487	515	555	611	667														
20	384	415	469	550	638														
25	313	330	381	484	604														
30	292	284	308	411	565														
35	287	273	266	337	519														
40	277	265	252	278	468														
45	265	256	244	241	413														
50	251	243	234	224	344														
55	233	227	222	211	270														
60	213	211	209	197	207														
65	195	195	195	180	169														
70	178	169	170	156	138														
75	143	128	127	120	101														
80	81.1	81.0	80.5	76.5	60.6														
85	43.4	42.8	40.2	37.3	26.4														
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: