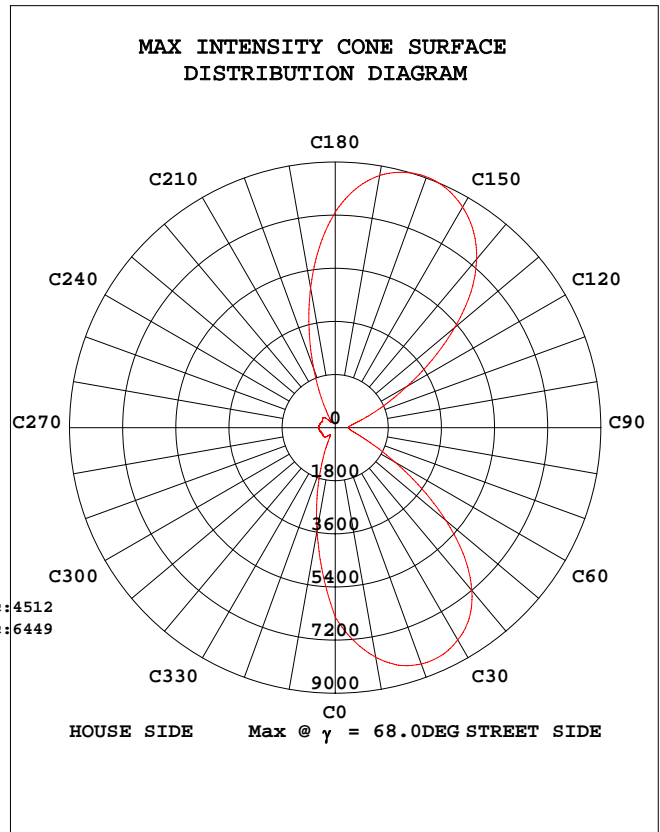
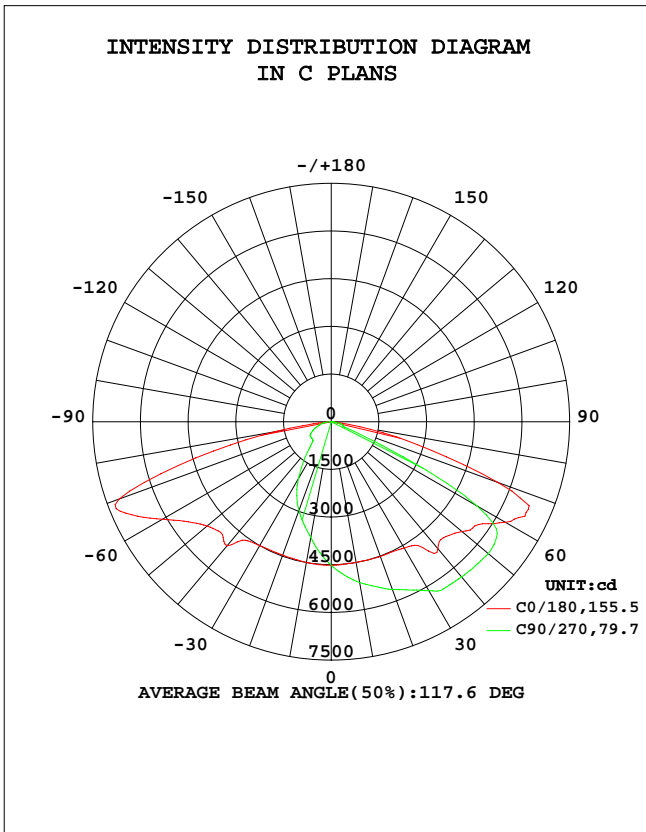


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.5285A P:112.7W PF:0.9732 Freq:49.99Hz Lamp Flux:18932x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 167.92 lm/W			
MODEL	5050	I _{max} (cd)	8956	η street_up(%)	0.0
NOMINAL POWER(W)	115	LOR(%)	100.0	η street_down(%)	72.0
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	18932	η house_up(%)	0.0
NOMINAL FLUX(lm)	18932	MAXIMUM @(C,γ)	165,68.0	η house_down(%)	28.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.455

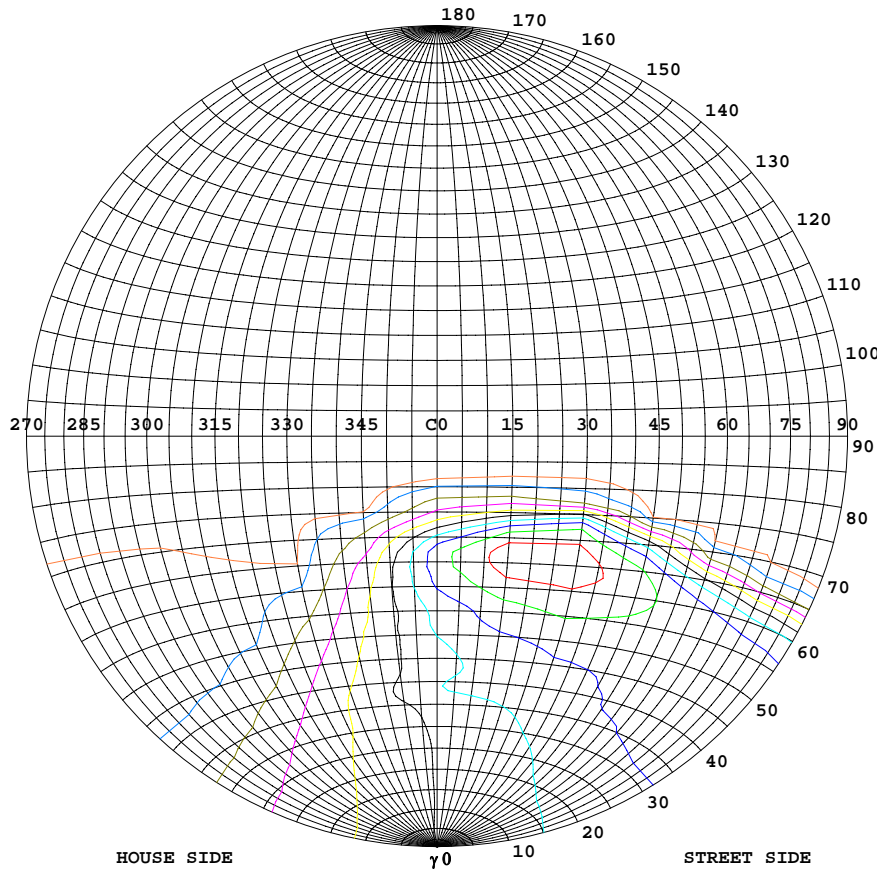


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

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:0.5285A P:112.7W PF:0.9732 Freq:49.99Hz Lamp Flux:18932x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

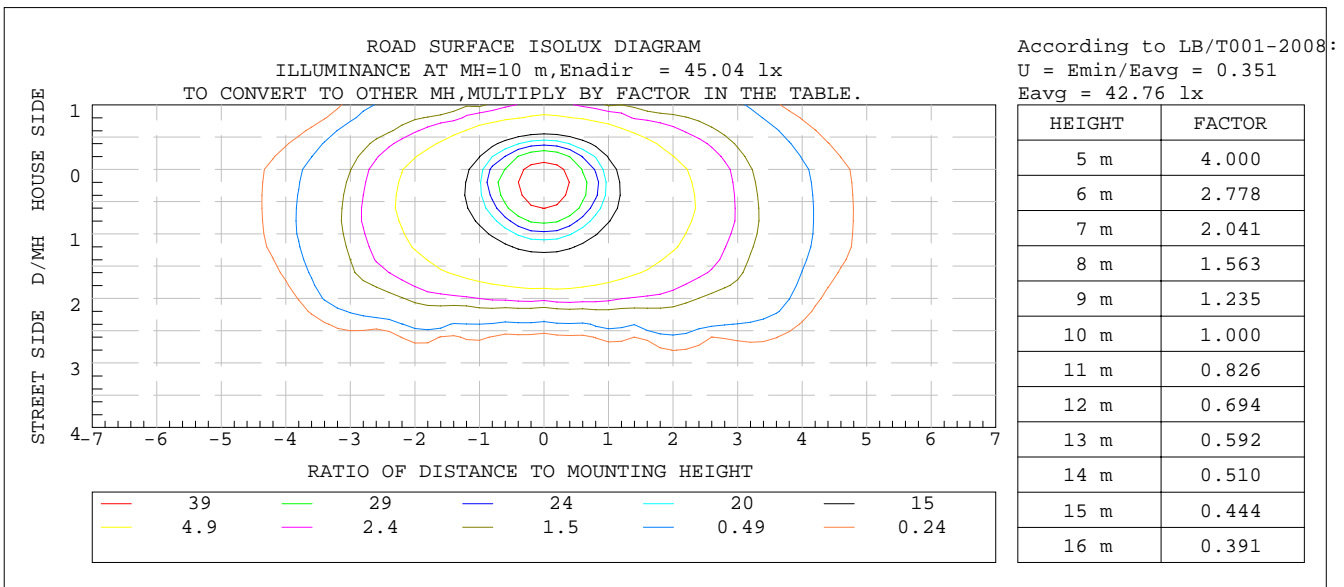
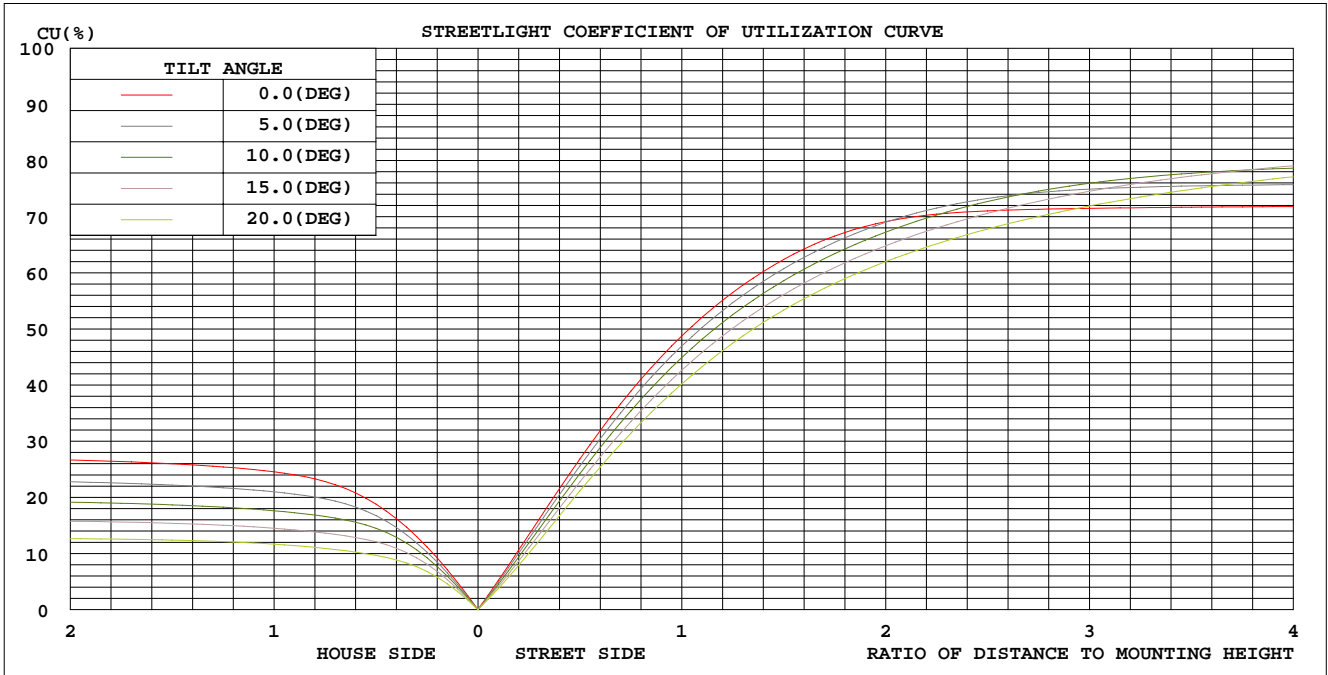
IES:Type III - Medium
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:102.7cd/klm
 Max.At90:0cd/klm
 Max.80-90:102.7cd/klm
 NRB 5101:Limited[7.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	8956
90%	8060
80%	7164
70%	6269
60%	5373
50%	4478
40%	3582
30%	2687
20%	1791
10%	896
5%	448

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

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: 2019-09-05

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:0.5285A P:112.7W PF:0.9732 Freq:49.99Hz Lamp Flux:18932x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

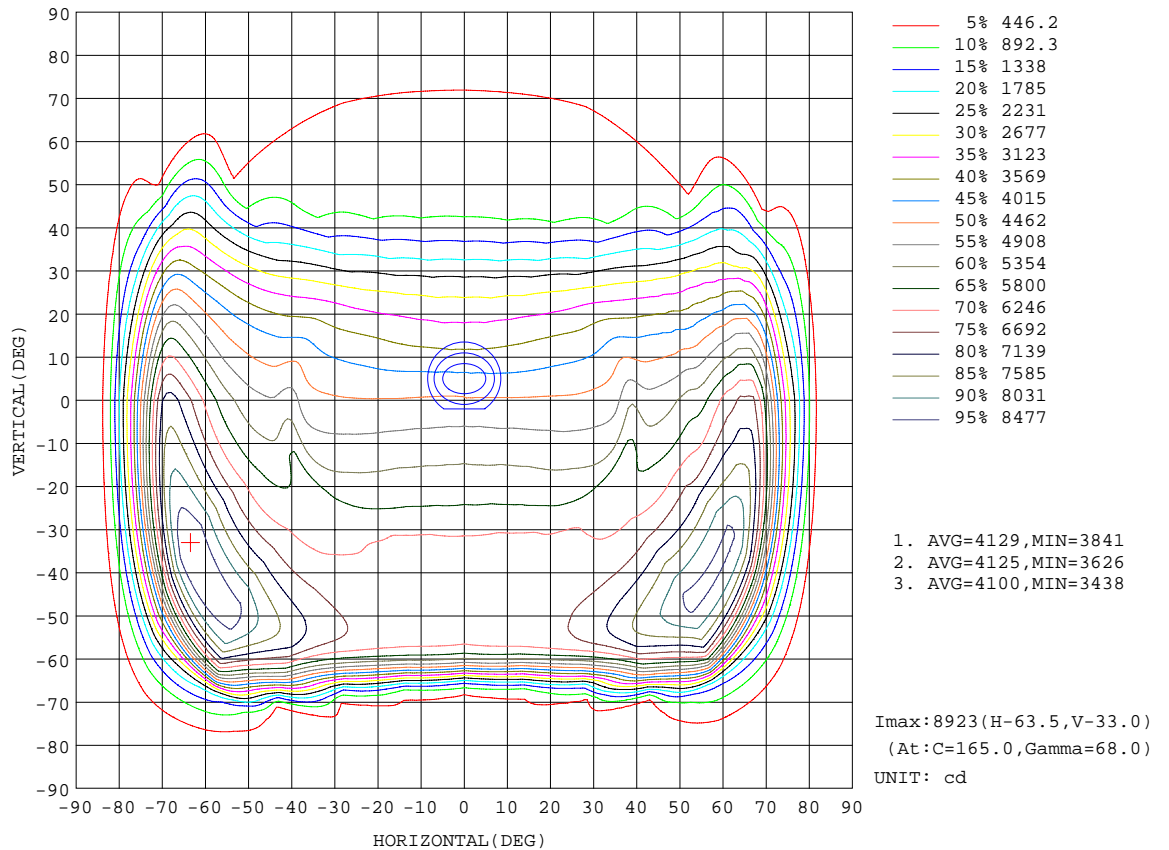
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	4493	4944	5134	4966	4494	3960	3706	3953	0- 10	428.1	428.1	2.26,2.26
20	4510	5304	5615	5312	4467	3455	2971	3504	10- 20	1252	1680	8.87,8.87
30	4589	5661	6134	5651	4500	2963	2067	2970	20- 30	2016	3696	19.5,19.5
40	5222	6245	6377	6189	5094	2123	1047	2045	30- 40	2714	6409	33.9,33.9
50	5379	6574	6449	6468	5100	1095	801.6	970.0	40- 50	3234	9643	50.9,50.9
60	6329	7478	5289	7214	6134	584.7	745.2	572.6	50- 60	3779	13423	70.9,70.9
70	5556	5029	381.2	5565	7091	436.1	502.3	405.5	60- 70	3663	17086	90.2,90.2
80	915.9	225.4	211.6	255.9	1766	250.6	259.9	205.3	70- 80	1670	18756	99.1,99.1
90	0	0	0	0	0	0	0	0	80- 90	175.9	18932	100,100
100	0	0	0	0	0	0	0	0	90-100	0	18932	100,100
110	0	0	0	0	0	0	0	0	100-110	0	18932	100,100
120	0	0	0	0	0	0	0	0	110-120	0	18932	100,100
130	0	0	0	0	0	0	0	0	120-130	0	18932	100,100
140	0	0	0	0	0	0	0	0	130-140	0	18932	100,100
150	0	0	0	0	0	0	0	0	140-150	0	18932	100,100
160	0	0	0	0	0	0	0	0	150-160	0	18932	100,100
170	0	0	0	0	0	0	0	0	160-170	0	18932	100,100
180	0	0	0	0	0	0	0	0	170-180	0	18932	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

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

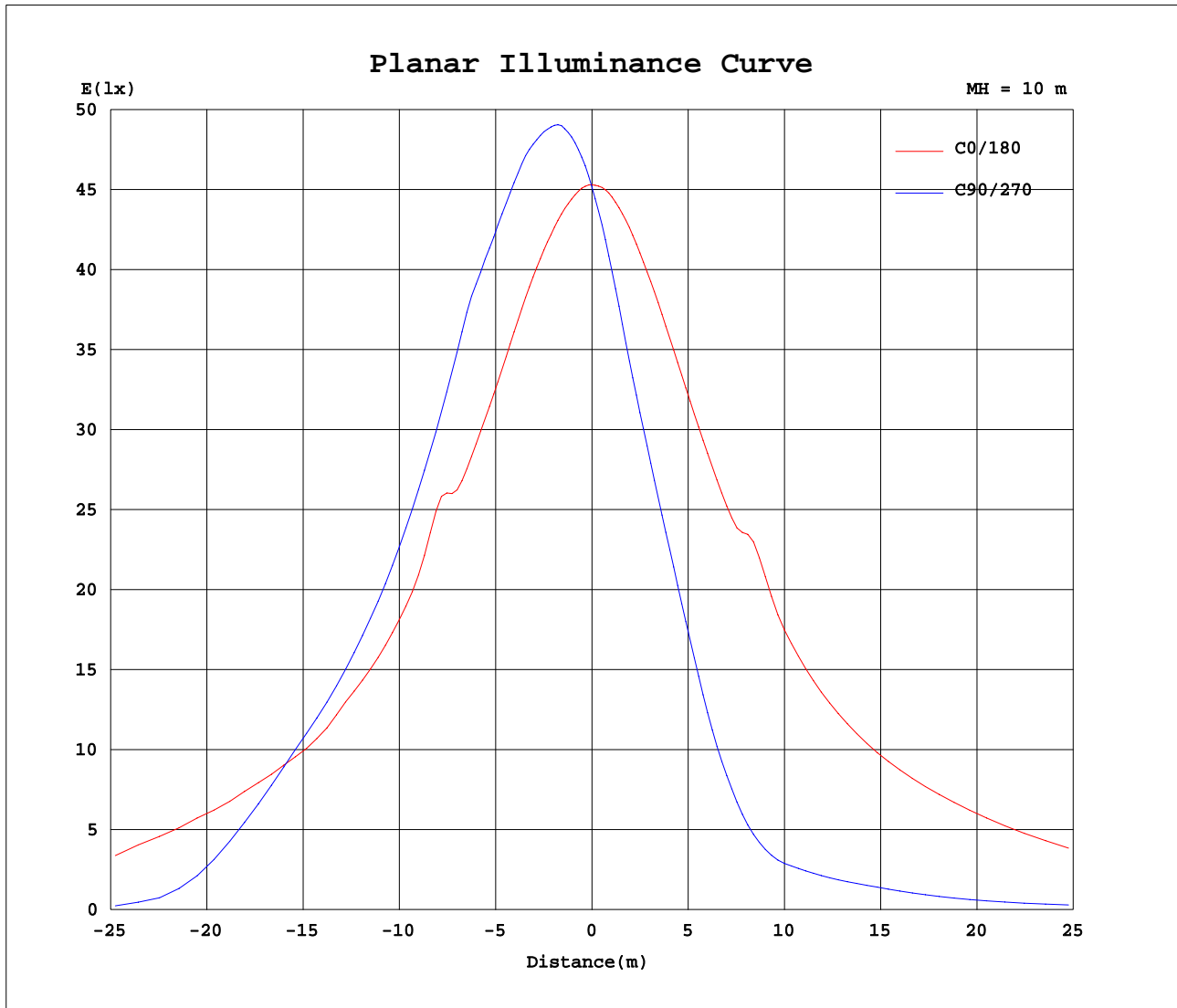
Test:U:219.2V I:0.5285A P:112.7W PF:0.9732 Freq:49.99Hz Lamp Flux:18932x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

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



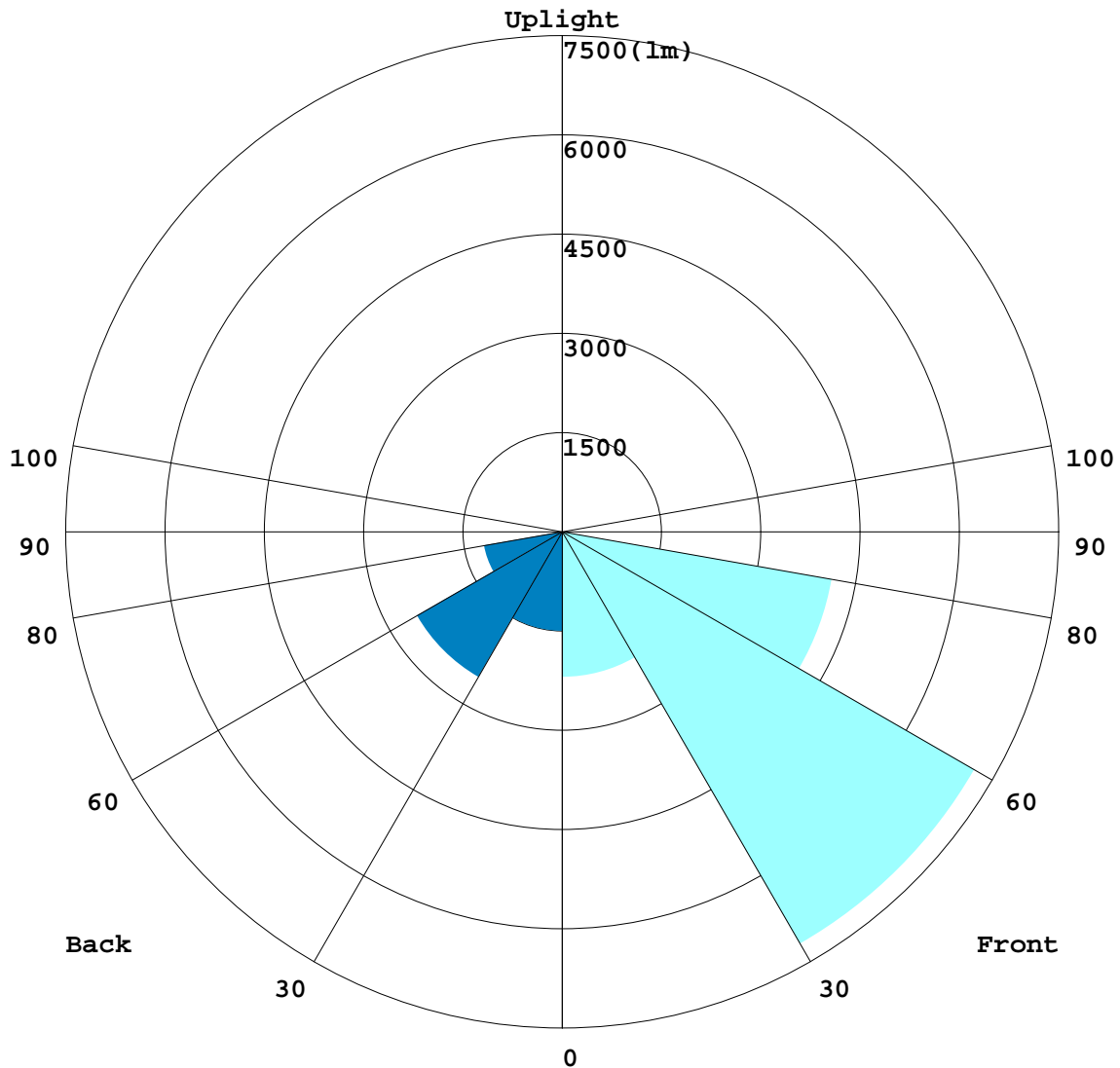
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-09-05

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:0.5285A P:112.7W PF:0.9732 Freq:49.99Hz Lamp Flux:18932x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

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:0.5285A P:112.7W PF:0.9732 Freq:49.99Hz Lamp Flux:18932x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2195	11.6
FM - Front-Medium(30-60)	7192.3	38.0
FH - Front-High(60-80)	4135.9	21.8
FVH - Front-Very High(80-90)	102.62	0.5
Total Forward Light	13626	72.0

BL - Back-Low(0-30)	1500.7	7.9
BM - Back-Medium(30-60)	2534.5	13.4
BH - Back-High(60-80)	1197.6	6.3
BVH - Back-Very High(80-90)	73.327	0.4
Total Back Light	5306.1	28.0

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	5306.1	0	5306.1
Street Side	13626	0	13626

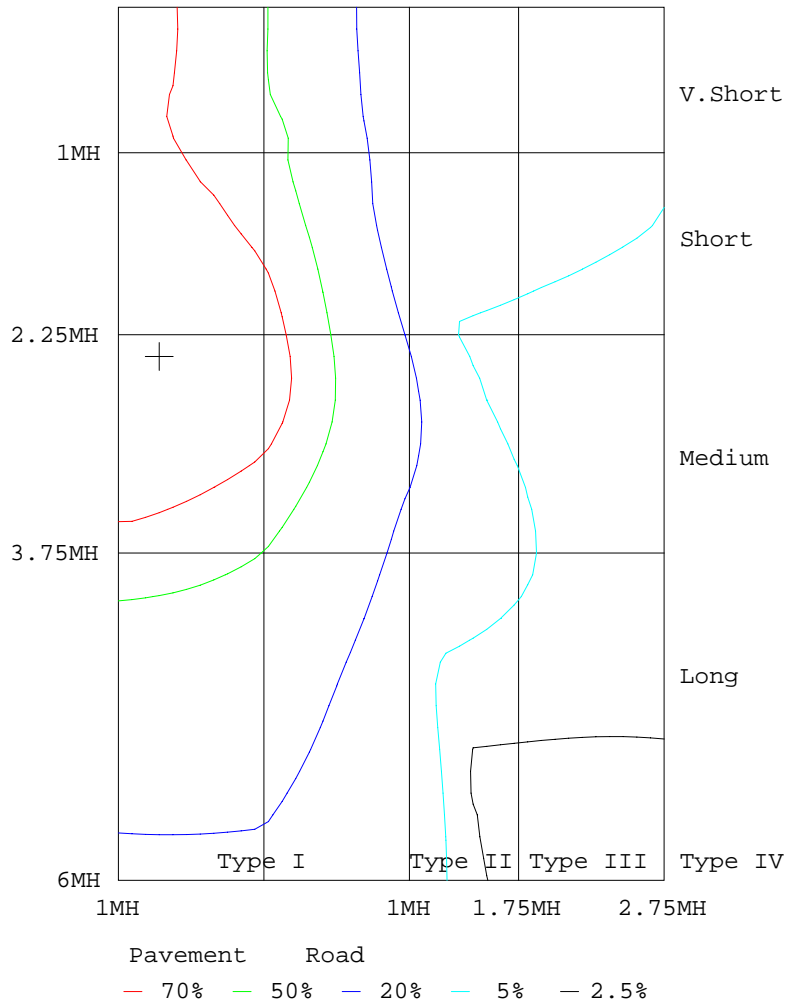
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

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:0.5285A P:112.7W PF:0.9732 Freq:49.99Hz Lamp Flux:18932x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

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:0.5285A P:112.7W PF:0.9732 Freq:49.99Hz Lamp Flux:18932x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	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	4513	4513	4513	4513	4513	4513	4513	4513	4513	4513	4513	4513	4513	4513	4513	4513	4513	4513	4513
5	4502	4594	4674	4744	4795	4833	4846	4843	4811	4759	4688	4605	4514	4423	4330	4250	4188	4143	4132
10	4493	4662	4806	4944	5045	5109	5134	5125	5062	4966	4839	4678	4494	4313	4127	3960	3828	3733	3706
15	4498	4727	4958	5134	5250	5335	5366	5349	5263	5142	4968	4748	4473	4202	3929	3681	3490	3362	3333
20	4510	4812	5078	5304	5472	5579	5615	5594	5481	5312	5083	4819	4467	4116	3773	3455	3202	3016	2971
25	4521	4878	5190	5468	5678	5817	5840	5808	5682	5480	5199	4876	4471	4080	3668	3239	2875	2638	2568
30	4589	4992	5353	5661	5943	6128	6134	6099	5917	5651	5334	4957	4500	4057	3530	2963	2478	2163	2067
35	4755	5184	5633	6016	6258	6396	6337	6394	6254	5934	5533	5093	4572	4092	3392	2609	1963	1617	1526
40	5222	5984	6139	6245	6312	6471	6377	6457	6324	6189	6094	5721	5094	4210	3176	2123	1449	1122	1047
45	5109	5739	6165	6300	6391	6524	6412	6506	6361	6258	6073	5601	4924	4017	2832	1617	970	811	818
50	5379	6133	6532	6574	6540	6566	6449	6555	6487	6468	6335	5873	5100	3954	2396	1095	712	767	802
55	5646	6727	7215	7015	6668	6509	6348	6497	6607	6822	6874	6481	5486	3905	1886	677	666	738	807
60	6329	7650	7973	7478	6561	5709	5289	5819	6533	7214	7670	7403	6134	3851	1257	585	609	683	745
65	6761	8467	8526	7247	4638	2564	1761	2817	4960	7251	8476	8529	6925	3661	660	512	540	589	632
70	5556	7657	7849	5029	1177	443	381	457	1307	5565	8433	8760	7091	3142	408	436	468	490	502
75	2817	3895	4605	468	408	367	356	378	419	1126	6399	6017	4414	1548	326	353	383	372	373
80	916	1003	762	225	267	218	212	234	302	256	1217	1945	1766	189	225	251	268	259	260
85	79.1	56.2	138	130	101	78.3	70.2	93.3	129	177	258	280	256	82.0	113	132	150	130	120
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:2019-09-05

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:0.5285A P:112.7W PF:0.9732 Freq:49.99Hz Lamp Flux:18932x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG)\ γ (DEG)	285	300	315	330	345														
0	4513	4513	4513	4513	4513														
5	4143	4186	4244	4324	4411														
10	3733	3823	3953	4122	4308														
15	3375	3509	3704	3944	4222														
20	3024	3216	3504	3824	4162														
25	2633	2880	3252	3721	4125														
30	2148	2455	2970	3567	4121														
35	1598	1919	2581	3453	4260														
40	1097	1385	2045	3154	4258														
45	799	914	1505	2767	4088														
50	766	706	970	2281	3896														
55	738	661	632	1706	3698														
60	676	601	573	1012	3516														
65	583	531	488	465	3003														
70	482	459	405	344	2011														
75	363	369	316	256	473														
80	249	243	205	163	129														
85	110	115	83.5	59.6	54.6														
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:2019-09-05

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: