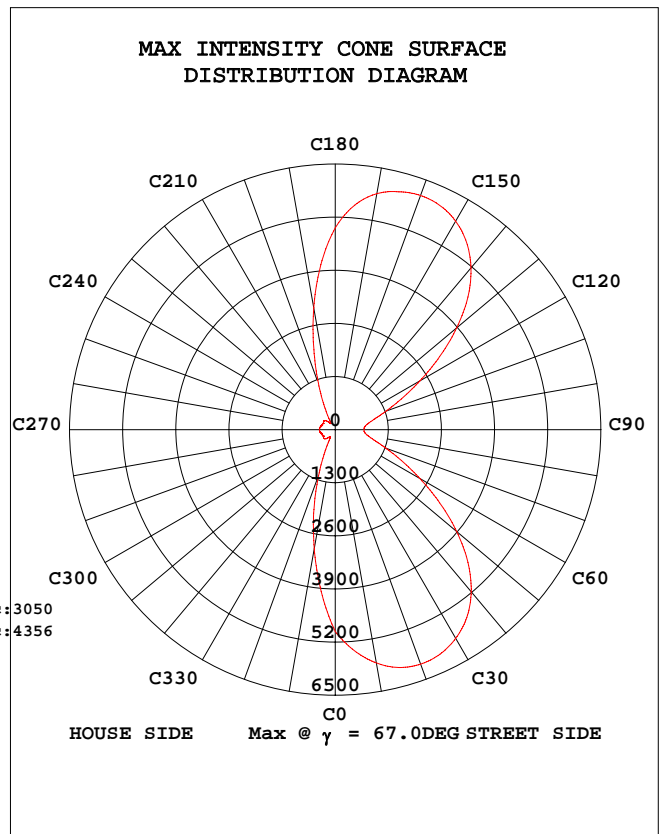
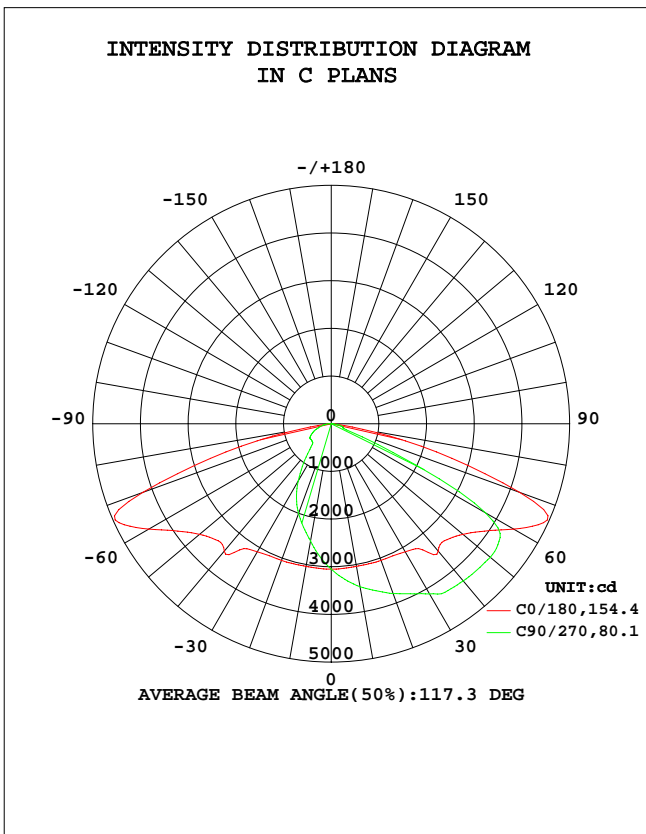


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.3457A P:73.76W PF:0.9734 Freq:49.99Hz Lamp Flux:12806.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75Wot-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: 173.63 lm/W			
MODEL	5050	I _{max} (cd)	6027	η street_up(%)	0.0
NOMINAL POWER(W)	75	LOR(%)	100.0	η street_down(%)	72.5
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	12806	η house_up(%)	0.0
NOMINAL FLUX(lm)	12806.3	MAXIMUM @(C,γ)	165,67.0	η house_down(%)	27.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.088

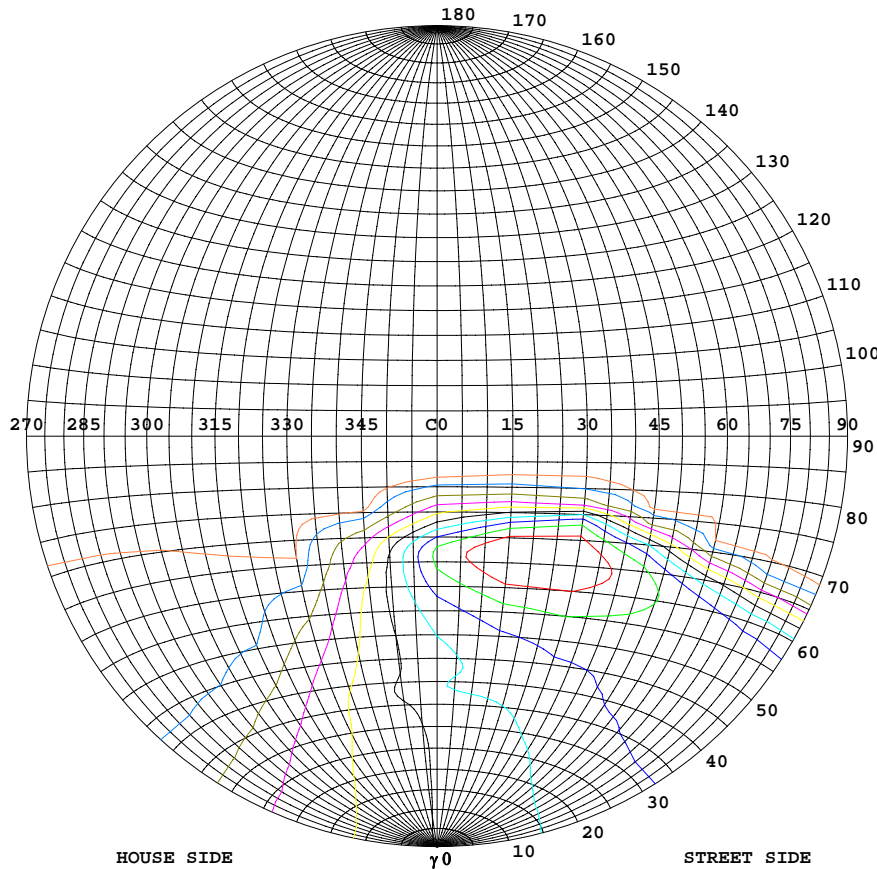


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

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:0.3457A P:73.76W PF:0.9734 Freq:49.99Hz Lamp Flux:12806.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

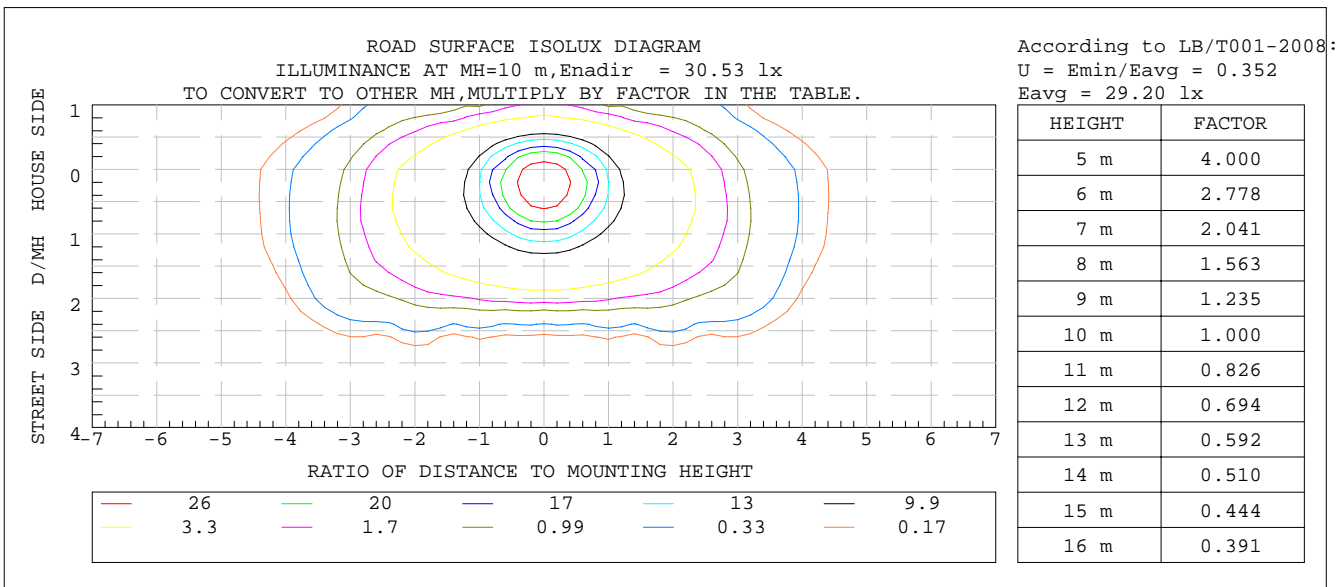
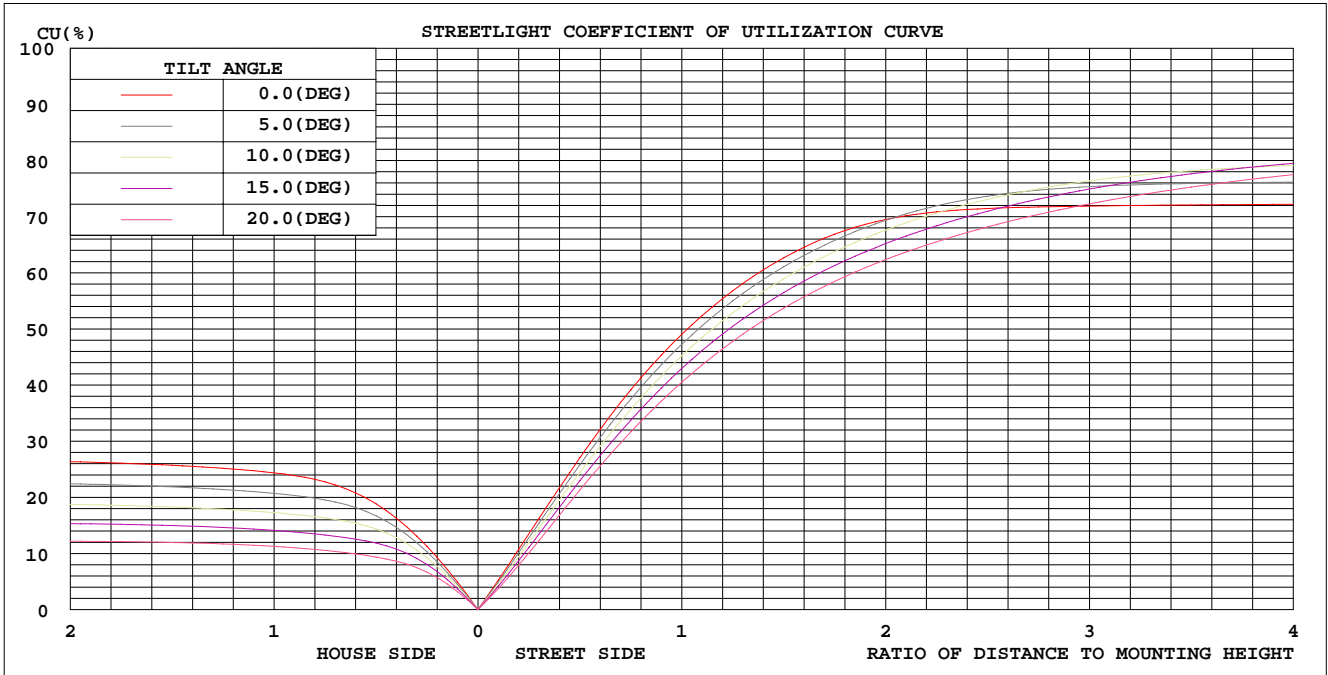
IES:Type III - Medium
 CIE:Average - Intermediate
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:60.46cd/klm
 Max.At90:0cd/klm
 Max.80-90:60.46cd/klm
 NRB 5101:Limited[4.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6027
90%	5424
80%	4821
70%	4219
60%	3616
50%	3013
40%	2411
30%	1808
20%	1205
10%	603
5%	301

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:0.3457A P:73.76W PF:0.9734 Freq:49.99Hz Lamp Flux:12806.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

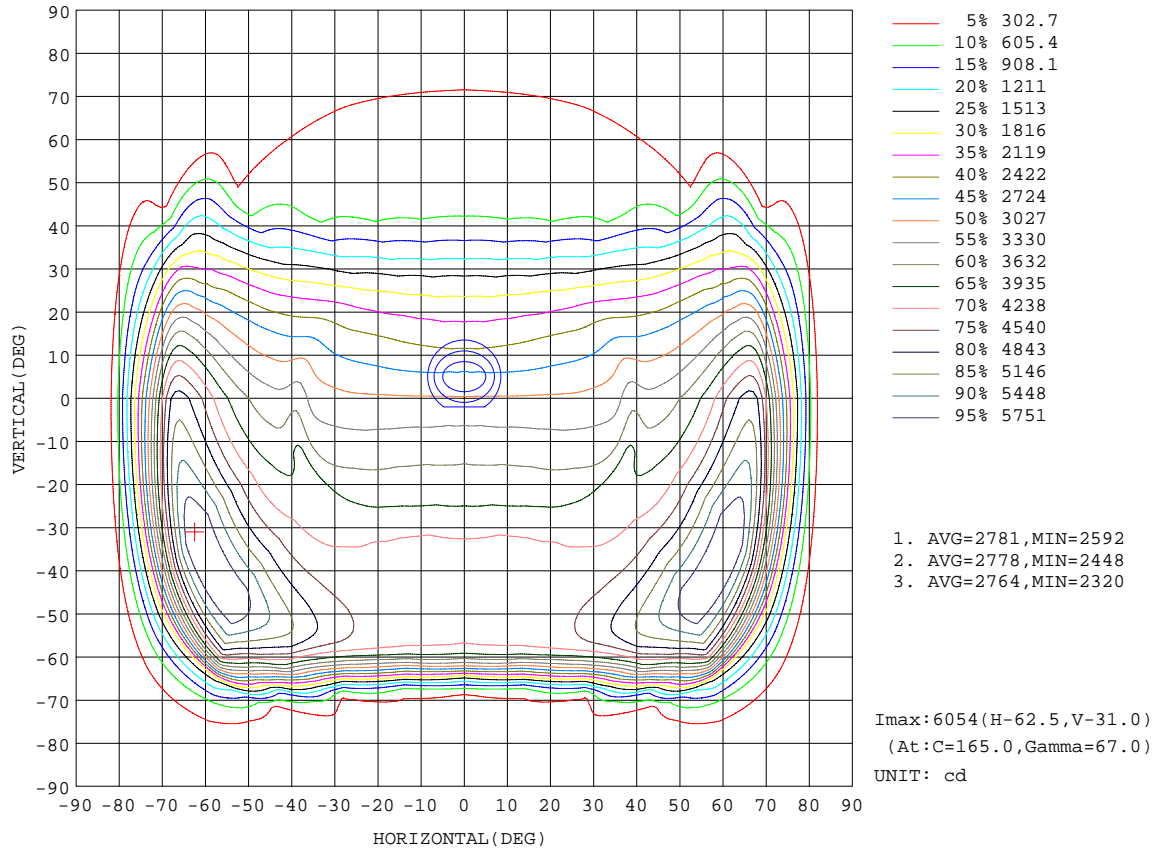
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	3038	3343	3471	3343	3038	2669	2501	2669	0- 10	289.0	289.0	2.26,2.26
20	3051	3583	3791	3583	3051	2366	2003	2366	10- 20	846.6	1136	8.87,8.87
30	3103	3813	4122	3813	3103	2004	1385	2004	20- 30	1364	2499	19.5,19.5
40	3491	4197	4303	4197	3491	1374	697.9	1374	30- 40	1835	4334	33.8,33.8
50	3610	4415	4356	4415	3610	648.9	539.6	648.9	40- 50	2186	6521	50.9,50.9
60	4420	5011	3733	5011	4420	384.5	498.3	384.5	50- 60	2588	9108	71.1,71.1
70	4201	3626	261.4	3626	4201	280.4	331.0	280.4	60- 70	2542	11650	91,91
80	677.7	159.2	150.1	159.2	677.7	146.0	169.7	146.0	70- 80	1060	12711	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	95.65	12806	100,100
100	0	0	0	0	0	0	0	0	90-100	0	12806	100,100
110	0	0	0	0	0	0	0	0	100-110	0	12806	100,100
120	0	0	0	0	0	0	0	0	110-120	0	12806	100,100
130	0	0	0	0	0	0	0	0	120-130	0	12806	100,100
140	0	0	0	0	0	0	0	0	130-140	0	12806	100,100
150	0	0	0	0	0	0	0	0	140-150	0	12806	100,100
160	0	0	0	0	0	0	0	0	150-160	0	12806	100,100
170	0	0	0	0	0	0	0	0	160-170	0	12806	100,100
180	0	0	0	0	0	0	0	0	170-180	0	12806	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

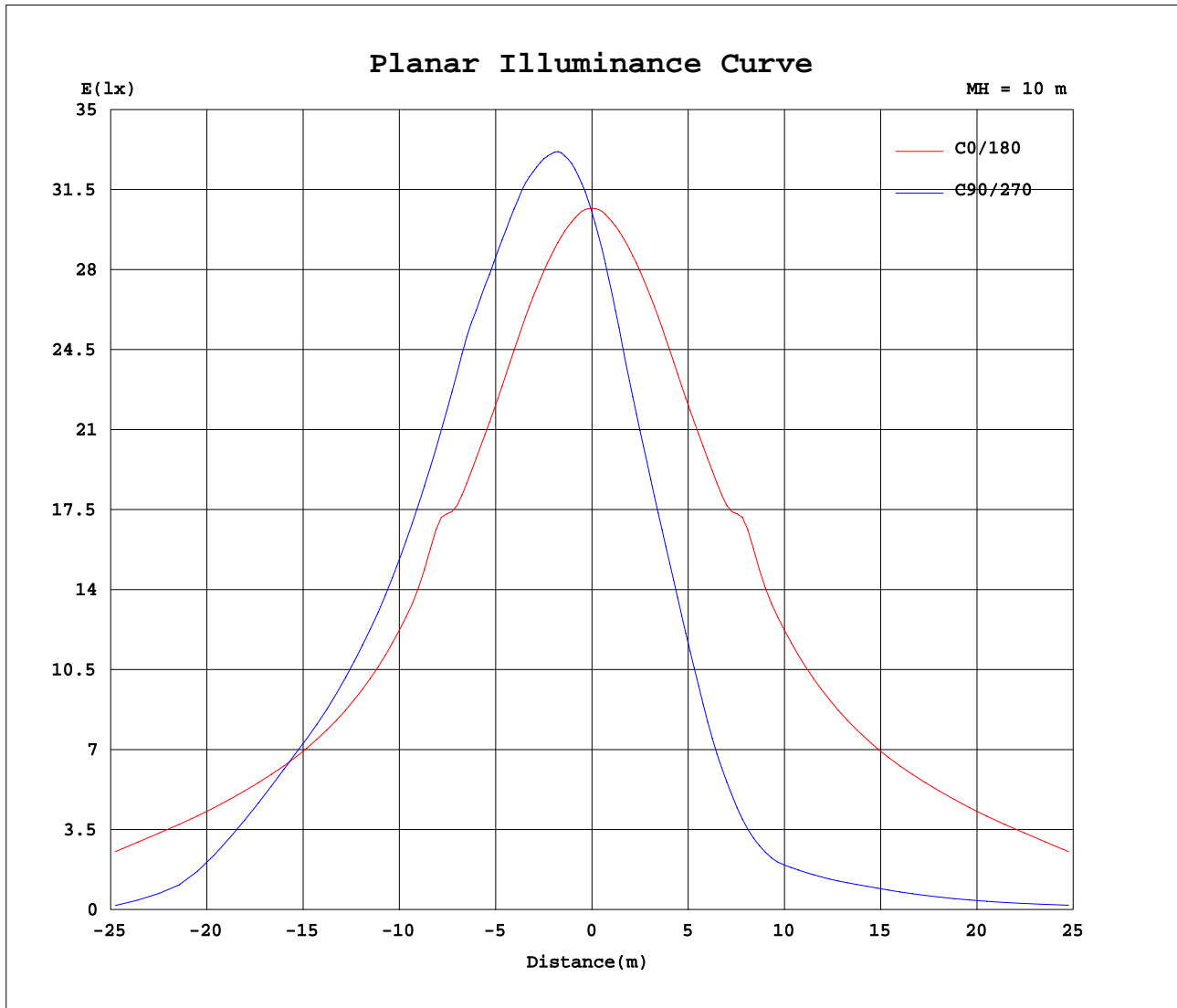
Test:U:219.2V I:0.3457A P:73.76W PF:0.9734 Freq:49.99Hz Lamp Flux:12806.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



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



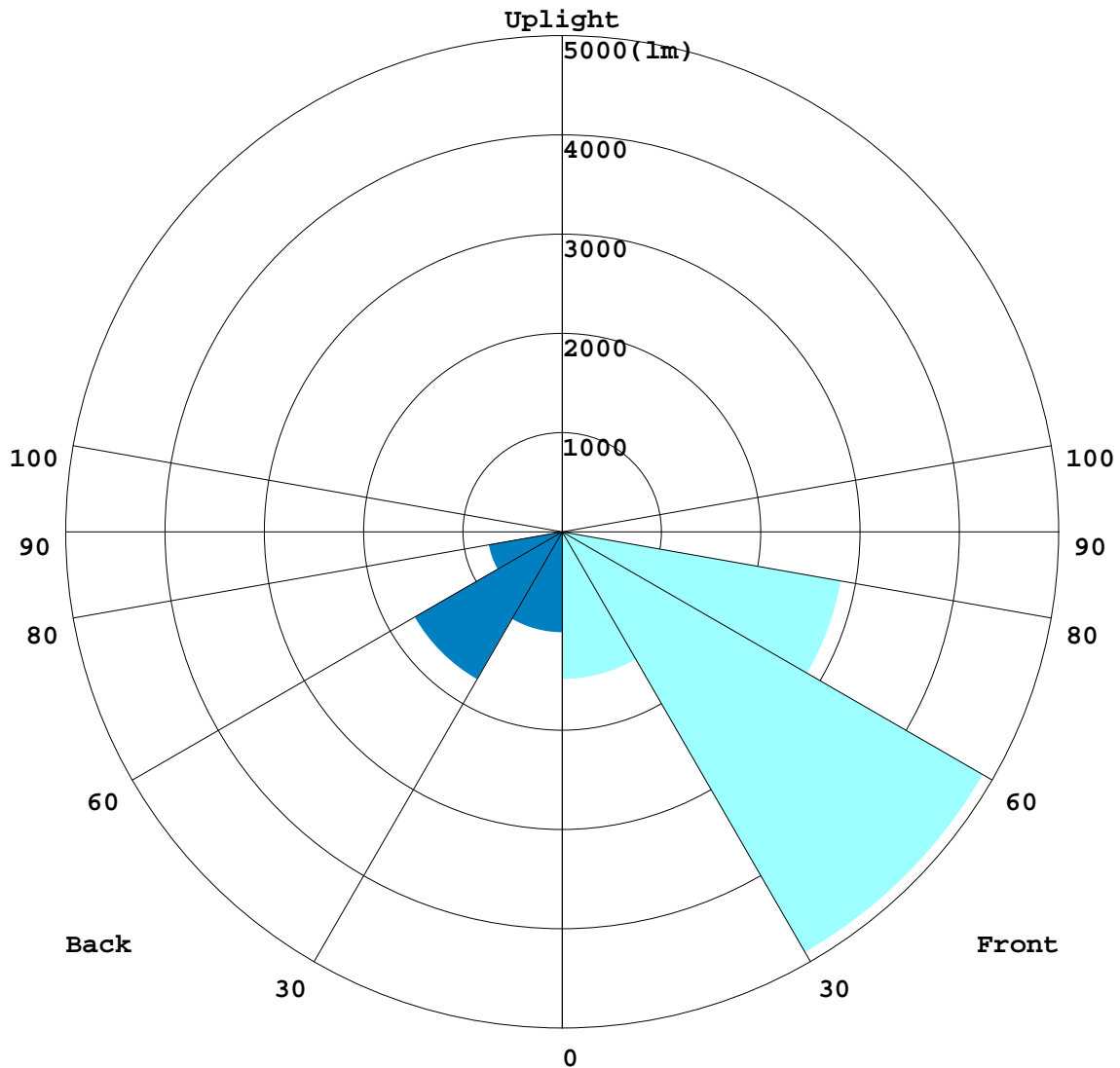
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-09-05

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:0.3457A P:73.76W PF:0.9734 Freq:49.99Hz Lamp Flux:12806.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-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:0.3457A P:73.76W PF:0.9734 Freq:49.99Hz Lamp Flux:12806.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-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)	1485.4	11.6
FM - Front-Medium(30-60)	4892.5	38.2
FH - Front-High(60-80)	2851.2	22.3
FVH - Front-Very High(80-90)	59.868	0.5
Total Forward Light	9288.9	72.5

BL - Back-Low(0-30)	1014.1	7.9
BM - Back-Medium(30-60)	1716.5	13.4
BH - Back-High(60-80)	751.07	5.9
BVH - Back-Very High(80-90)	35.778	0.3
Total Back Light	3517.4	27.5

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3517.4	0	3517.4
Street Side	9288.9	0	9288.9

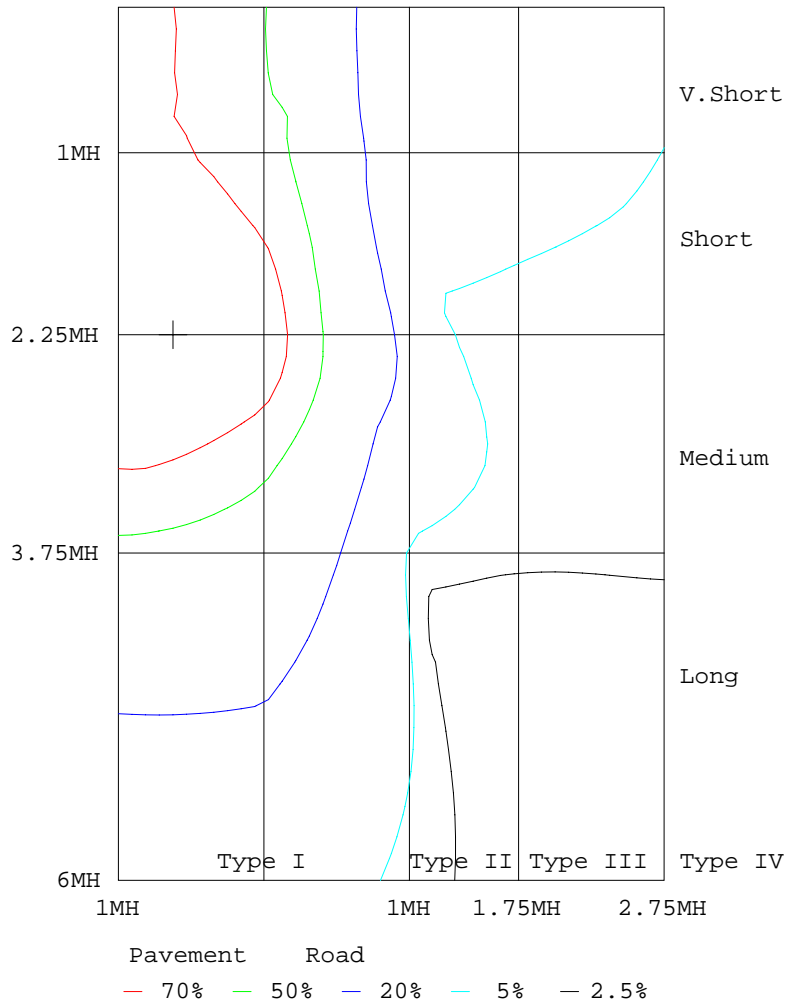
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

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:0.3457A P:73.76W PF:0.9734 Freq:49.99Hz Lamp Flux:12806.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-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:0.3457A P:73.76W PF:0.9734 Freq:49.99Hz Lamp Flux:12806.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-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	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050
5	3043	3105	3160	3207	3242	3267	3276	3267	3242	3207	3160	3105	3043	2981	2922	2867	2826	2795	2789
10	3038	3153	3249	3343	3411	3455	3471	3455	3411	3343	3249	3153	3038	2912	2786	2669	2582	2519	2501
15	3042	3196	3353	3471	3549	3605	3626	3605	3549	3471	3353	3196	3042	2854	2668	2503	2370	2278	2249
20	3051	3252	3433	3583	3696	3767	3791	3767	3696	3583	3433	3252	3051	2816	2588	2366	2171	2039	2003
25	3058	3299	3506	3692	3828	3921	3935	3921	3828	3692	3506	3299	3058	2791	2519	2195	1942	1771	1728
30	3103	3373	3613	3813	3995	4121	4122	4121	3995	3813	3613	3373	3103	2789	2414	2004	1651	1441	1385
35	3198	3488	3772	4017	4200	4304	4270	4304	4200	4017	3772	3488	3198	2870	2329	1736	1285	1067	1018
40	3491	3982	4113	4197	4254	4367	4303	4367	4254	4197	4113	3982	3491	2867	2129	1374	923	723	698
45	3437	3858	4140	4244	4309	4406	4331	4406	4309	4244	4140	3858	3437	2767	1867	1009	610	537	551
50	3610	4107	4378	4415	4405	4433	4356	4433	4405	4415	4378	4107	3610	2722	1539	649	475	515	540
55	3927	4585	4813	4699	4491	4405	4297	4405	4491	4699	4813	4585	3927	2678	1153	425	443	495	544
60	4420	5290	5411	5011	4457	3985	3733	3985	4457	5011	5411	5290	4420	2540	703	384	402	450	498
65	4910	5946	5894	4962	3338	2001	1436	2001	3338	4962	5894	5946	4910	2203	337	332	354	388	421
70	4201	5495	5566	3626	857	313	261	313	857	3626	5566	5495	4201	1552	257	280	305	320	331
75	2289	3045	3576	731	278	247	246	247	278	731	3576	3045	2289	338	189	222	243	240	246
80	678	774	580	159	187	153	150	153	187	159	580	774	678	84.7	117	146	163	162	170
85	34.2	41.1	118	96.6	74.1	57.7	52.4	57.7	74.1	96.6	118	41.1	34.2	27.5	37.0	57.8	77.9	68.7	71.8
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:0.3457A P:73.76W PF:0.9734 Freq:49.99Hz Lamp Flux:12806.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-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	3050	3050	3050	3050	3050														
5	2795	2826	2867	2922	2981														
10	2519	2582	2669	2786	2912														
15	2278	2370	2503	2668	2854														
20	2039	2171	2366	2588	2816														
25	1771	1942	2195	2519	2791														
30	1441	1651	2004	2414	2789														
35	1067	1285	1736	2329	2870														
40	723	923	1374	2129	2867														
45	537	610	1009	1867	2767														
50	515	475	649	1539	2722														
55	495	443	425	1153	2678														
60	450	402	384	703	2540														
65	388	354	332	337	2203														
70	320	305	280	257	1552														
75	240	243	222	189	338														
80	162	163	146	117	84.7														
85	68.7	77.9	57.8	37.0	27.5														
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: