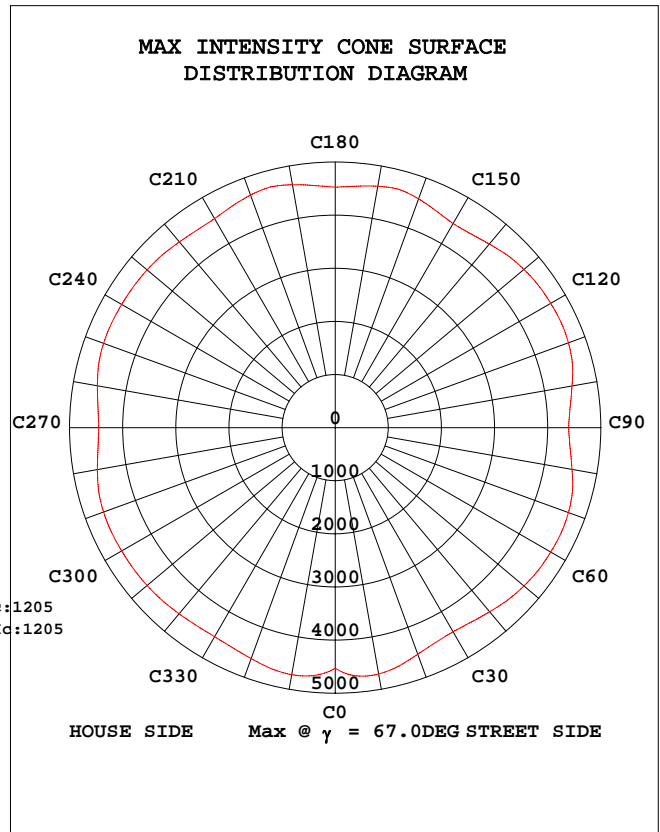
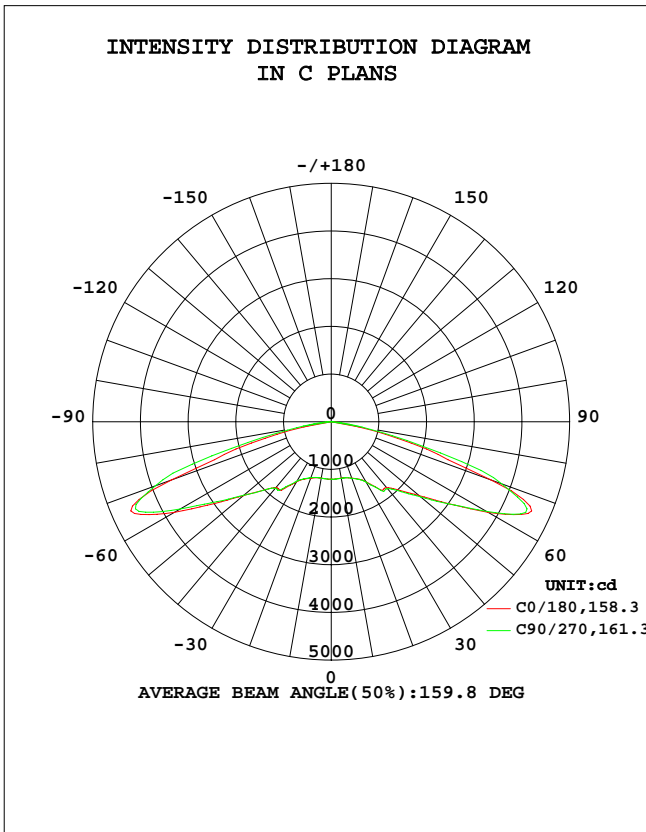


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.3545A P:75.72W PF:0.9745 Freq:49.99Hz Lamp Flux:13391.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75Wot-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 176.85 lm/W			
MODEL	5050	I _{max} (cd)	4694	η street_up(%)	0.0
NOMINAL POWER(W)	75	LOR(%)	100.0	η street_down(%)	49.8
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	13391	η house_up(%)	0.0
NOMINAL FLUX(lm)	13391.1	MAXIMUM @(C,γ)	195,67.0	η house_down(%)	50.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.552

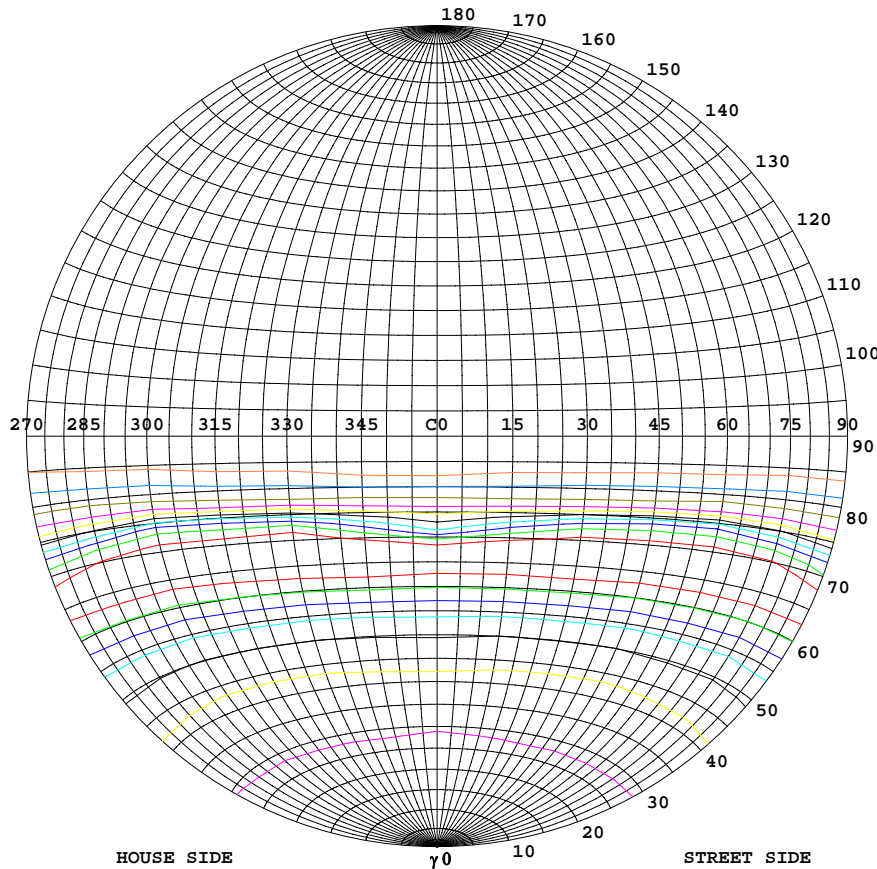


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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:0.3545A P:75.72W PF:0.9745 Freq:49.99Hz Lamp Flux:13391.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

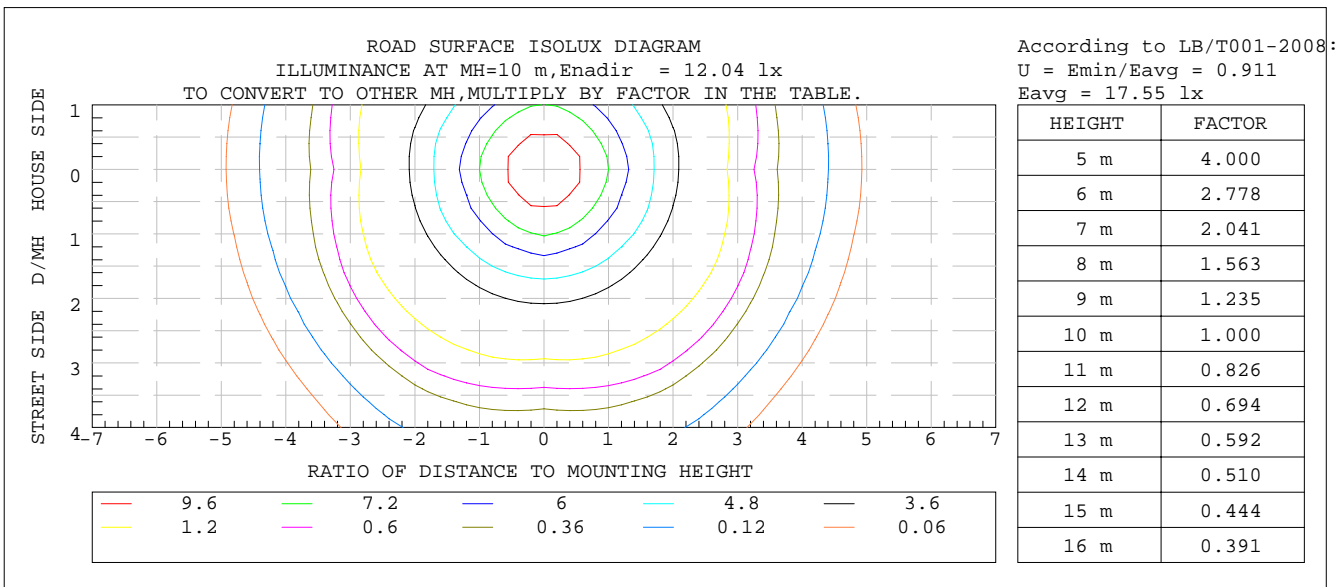
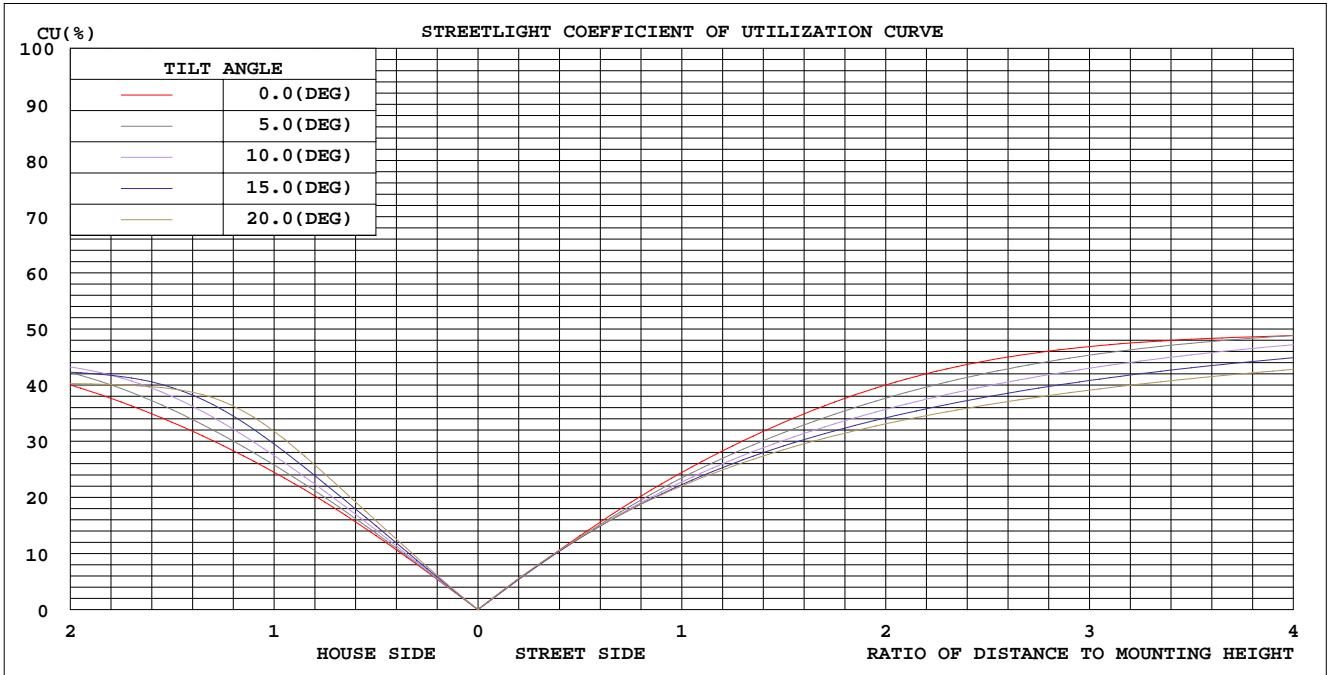
IES:Type V - Medium
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:55.58cd/klm
 Max.At90:0cd/klm
 Max.80-90:55.58cd/klm
 NRB 5101:Limited[2.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4694
90%	4224
80%	3755
70%	3286
60%	2816
50%	2347
40%	1877
30%	1408
20%	939
10%	469
5%	235

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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: 2019-09-02

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:0.3545A P:75.72W PF:0.9745 Freq:49.99Hz Lamp Flux:13391.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

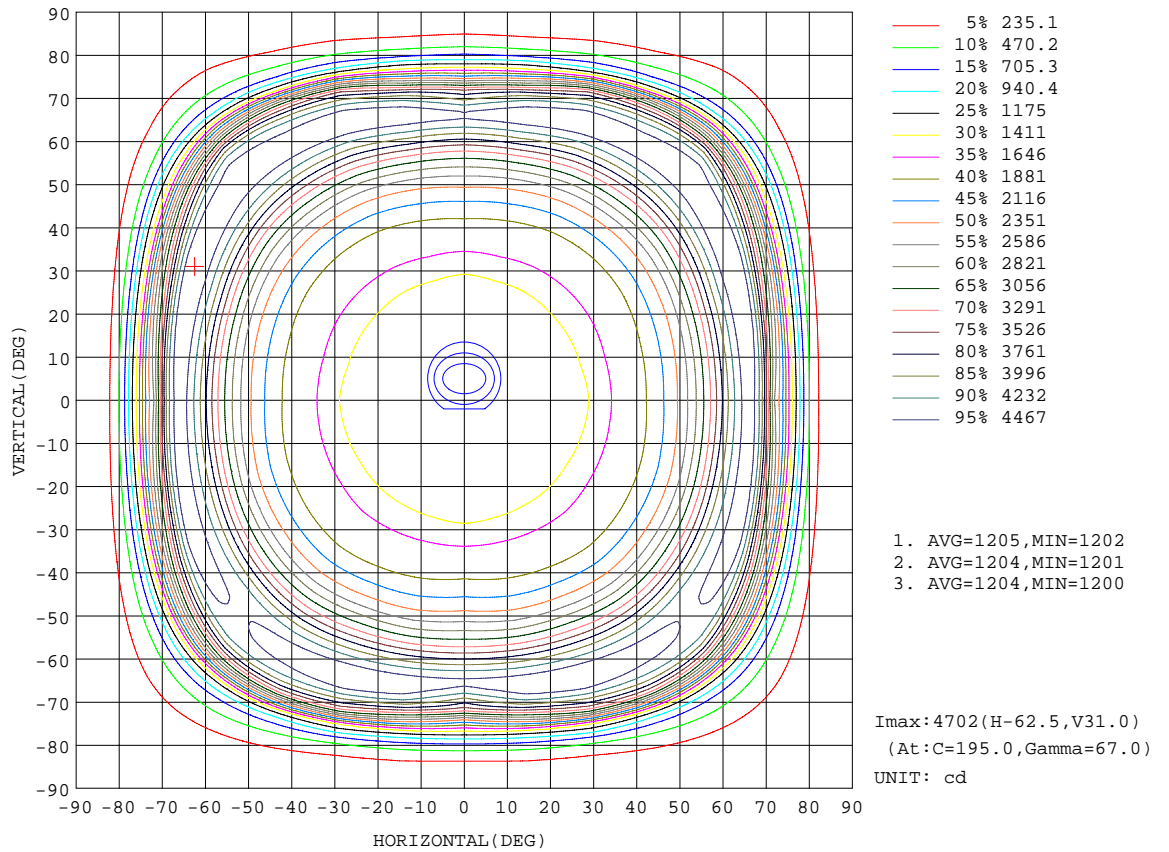
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	1202	1204	1205	1204	1202	1200	1202	1200	0- 10	114.9	114.9	0.86,0.86
20	1260	1282	1261	1282	1260	1277	1250	1277	10- 20	348.9	463.8	3.46,3.46
30	1452	1466	1460	1466	1452	1454	1436	1454	20- 30	627.2	1091	8.15,8.15
40	1805	1755	1832	1755	1805	1758	1821	1758	30- 40	1054	2145	16,16
50	2413	2346	2454	2346	2413	2340	2399	2340	40- 50	1576	3721	27.8,27.8
60	3800	3765	3761	3765	3800	3743	3661	3743	50- 60	2693	6414	47.9,47.9
70	3564	4341	3802	4341	3564	4398	3914	4398	60- 70	4302	10716	80,80
80	477.9	584.1	656.0	584.1	477.9	576.8	744.2	576.8	70- 80	2471	13187	98.5,98.5
90	0	0	0	0	0	0	0	0	80- 90	204.5	13391	100,100
100	0	0	0	0	0	0	0	0	90-100	0	13391	100,100
110	0	0	0	0	0	0	0	0	100-110	0	13391	100,100
120	0	0	0	0	0	0	0	0	110-120	0	13391	100,100
130	0	0	0	0	0	0	0	0	120-130	0	13391	100,100
140	0	0	0	0	0	0	0	0	130-140	0	13391	100,100
150	0	0	0	0	0	0	0	0	140-150	0	13391	100,100
160	0	0	0	0	0	0	0	0	150-160	0	13391	100,100
170	0	0	0	0	0	0	0	0	160-170	0	13391	100,100
180	0	0	0	0	0	0	0	0	170-180	0	13391	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:2019-09-02

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

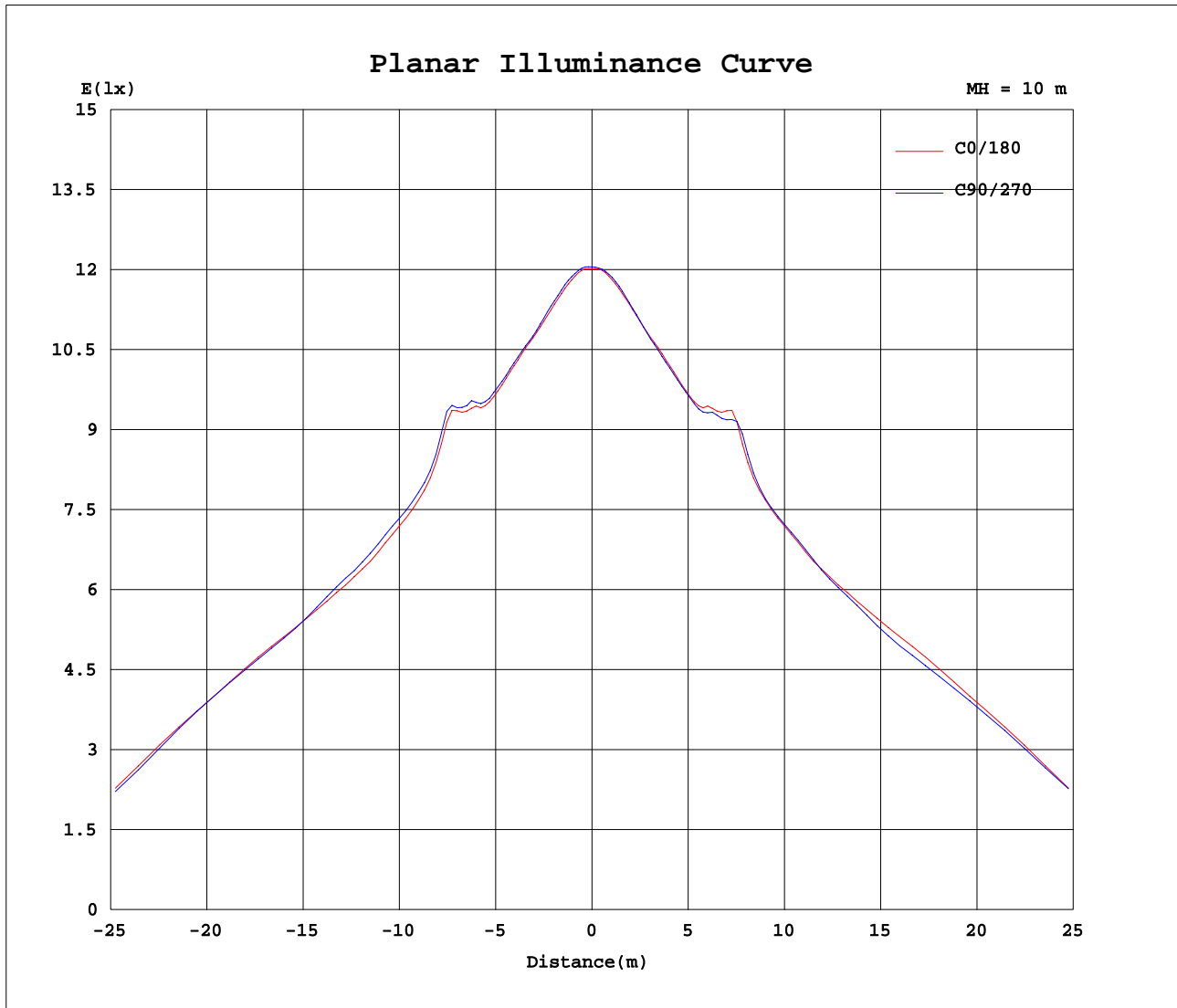
Test:U:219.2V I:0.3545A P:75.72W PF:0.9745 Freq:49.99Hz Lamp Flux:13391.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-09-02

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



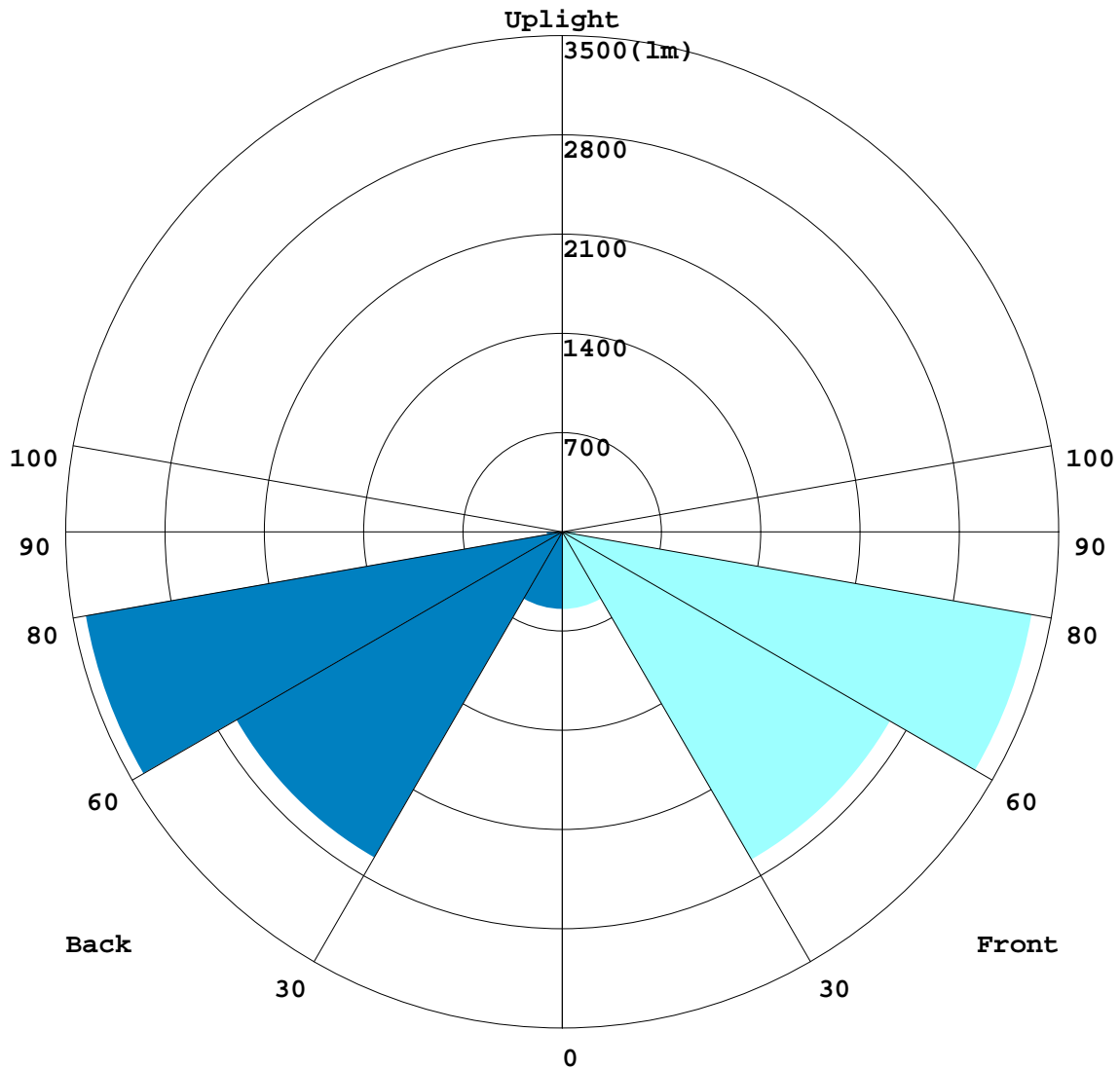
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-09-02

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:0.3545A P:75.72W PF:0.9745 Freq:49.99Hz Lamp Flux:13391.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L5-00-5070-T502-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:2019-09-02

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:0.3545A P:75.72W PF:0.9745 Freq:49.99Hz Lamp Flux:13391.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L5-00-5070-T502-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)	546.41	4.1
FM - Front-Medium(30-60)	2669.8	19.9
FH - Front-High(60-80)	3362.5	25.1
FVH - Front-Very High(80-90)	95.14	0.7
Total Forward Light	6673.9	49.8

BL - Back-Low(0-30)	544.6	4.1
BM - Back-Medium(30-60)	2653	19.8
BH - Back-High(60-80)	3410.3	25.5
BVH - Back-Very High(80-90)	109.33	0.8
Total Back Light	6717.2	50.2

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	B4-U0-G2
----------------------------------	-----------------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6717.2	0	6717.2
Street Side	6673.9	0	6673.9

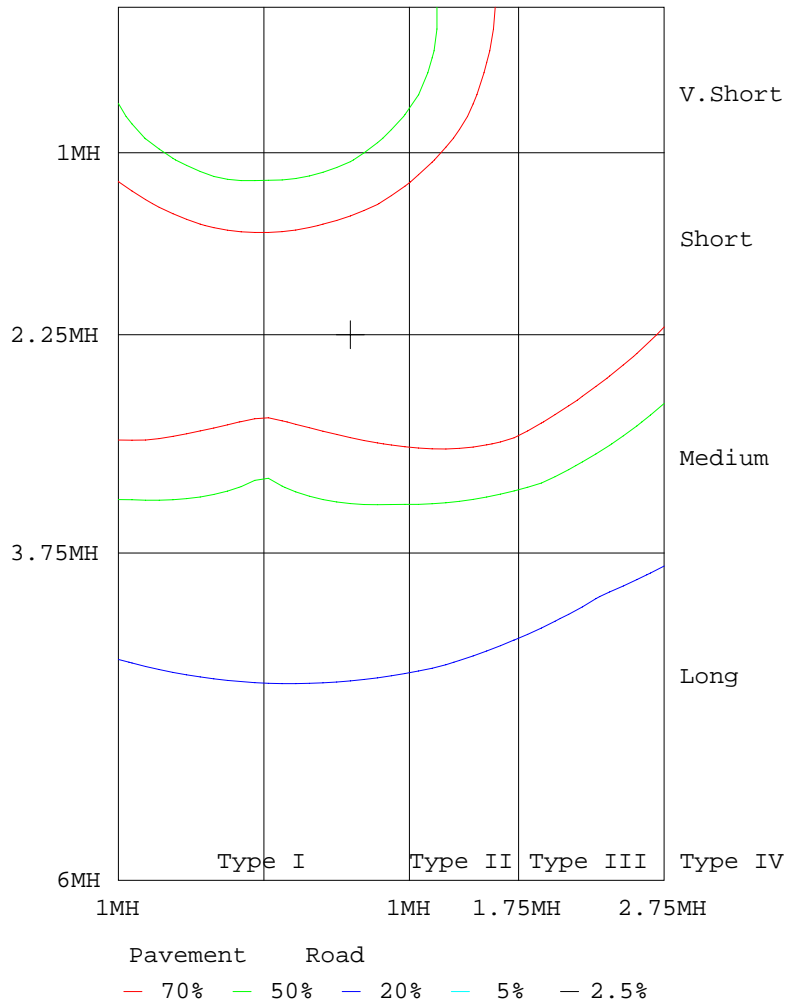
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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:0.3545A P:75.72W PF:0.9745 Freq:49.99Hz Lamp Flux:13391.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L5-00-5070-T502-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:2019-09-02

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:0.3545A P:75.72W PF:0.9745 Freq:49.99Hz Lamp Flux:13391.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L5-00-5070-T502-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	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205
5	1205	1206	1206	1207	1206	1206	1206	1206	1206	1207	1206	1206	1205	1205	1205	1205	1205	1204	1205
10	1202	1203	1205	1204	1203	1205	1205	1205	1203	1204	1205	1203	1202	1202	1201	1200	1200	1201	1202
15	1216	1219	1229	1234	1231	1221	1218	1221	1231	1234	1229	1219	1216	1217	1223	1228	1221	1214	1212
20	1260	1266	1280	1282	1282	1269	1261	1269	1282	1282	1280	1266	1260	1264	1274	1277	1270	1257	1250
25	1326	1340	1360	1348	1357	1344	1330	1344	1357	1348	1360	1340	1326	1341	1351	1342	1343	1332	1318
30	1452	1466	1472	1466	1470	1473	1460	1473	1470	1466	1472	1466	1452	1466	1456	1454	1450	1458	1436
35	1706	1706	1713	1692	1711	1713	1712	1713	1711	1692	1713	1706	1706	1708	1684	1680	1676	1690	1670
40	1805	1782	1761	1755	1776	1805	1832	1805	1776	1755	1761	1782	1805	1795	1764	1758	1766	1794	1821
45	2040	1996	1988	1977	2013	2025	2075	2025	2013	1977	1988	1996	2040	2007	1978	1977	1983	2016	2043
50	2413	2350	2357	2346	2390	2388	2454	2388	2390	2346	2357	2350	2413	2362	2339	2340	2335	2363	2399
55	2990	2952	2962	2939	2983	2963	3005	2963	2983	2939	2962	2952	2990	2964	2927	2928	2899	2926	2924
60	3800	3821	3830	3765	3774	3752	3761	3752	3774	3765	3830	3821	3800	3843	3782	3743	3666	3718	3661
65	4552	4507	4438	4491	4536	4525	4500	4525	4536	4491	4438	4507	4552	4611	4494	4482	4452	4503	4449
70	3564	4083	4344	4341	4415	4266	3802	4266	4415	4341	4344	4083	3564	4088	4501	4398	4468	4257	3914
75	1734	1988	2348	2606	2741	2377	1987	2377	2741	2606	2348	1988	1734	1987	2509	2745	2851	2388	2161
80	478	489	540	584	618	657	656	657	618	584	540	489	478	468	531	577	685	695	744
85	99.5	105	121	129	134	144	148	144	134	129	121	105	99.5	103	136	152	189	200	230
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:2019-09-02

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:0.3545A P:75.72W PF:0.9745 Freq:49.99Hz Lamp Flux:13391.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L5-00-5070-T502-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	1205	1205	1205	1205	1205														
5	1204	1205	1205	1205	1205														
10	1201	1200	1200	1201	1202														
15	1214	1221	1228	1223	1217														
20	1257	1270	1277	1274	1264														
25	1332	1343	1342	1351	1341														
30	1458	1450	1454	1456	1466														
35	1690	1676	1680	1684	1708														
40	1794	1766	1758	1764	1795														
45	2016	1983	1977	1978	2007														
50	2363	2335	2340	2339	2362														
55	2926	2899	2928	2927	2964														
60	3718	3666	3743	3782	3843														
65	4503	4452	4482	4494	4611														
70	4257	4468	4398	4501	4088														
75	2388	2851	2745	2509	1987														
80	695	685	577	531	468														
85	200	189	152	136	103														
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:2019-09-02

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: