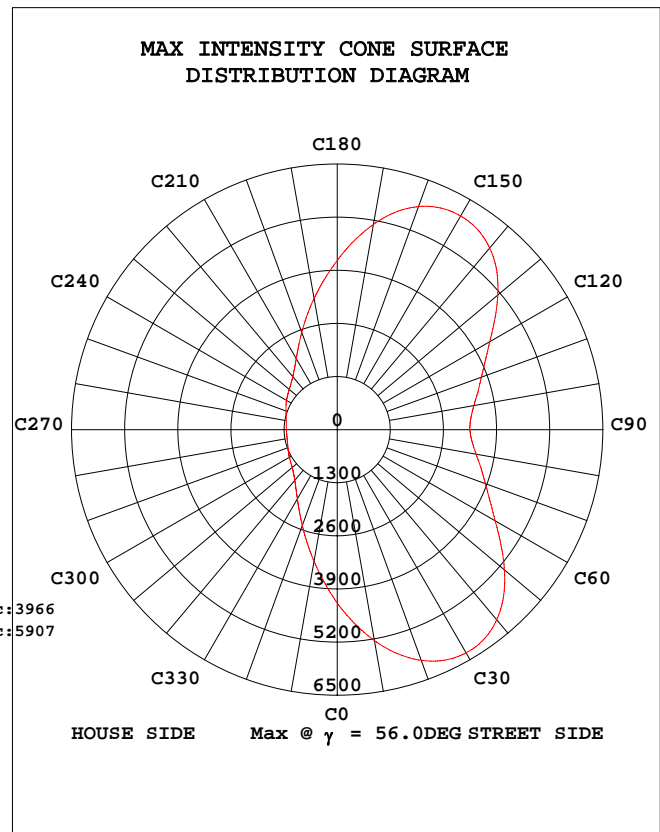
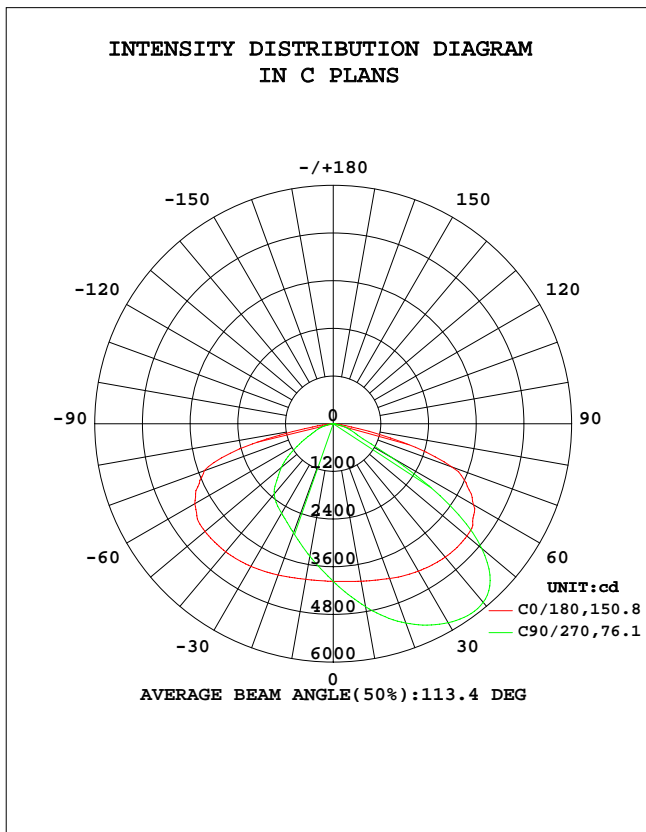


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.5212A P:110.8W PF:0.9694 Freq:50.00Hz Lamp Flux:15646.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 141.20 lm/W			
MODEL	3030	I _{max} (cd)	6305	η street_up(%)	0.0
NOMINAL POWER(W)	110	LOR(%)	100.0	η street_down(%)	67.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	15646	η house_up(%)	0.0
NOMINAL FLUX(lm)	15646.1	MAXIMUM @(C,γ)	30,56.0	η house_down(%)	32.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.275

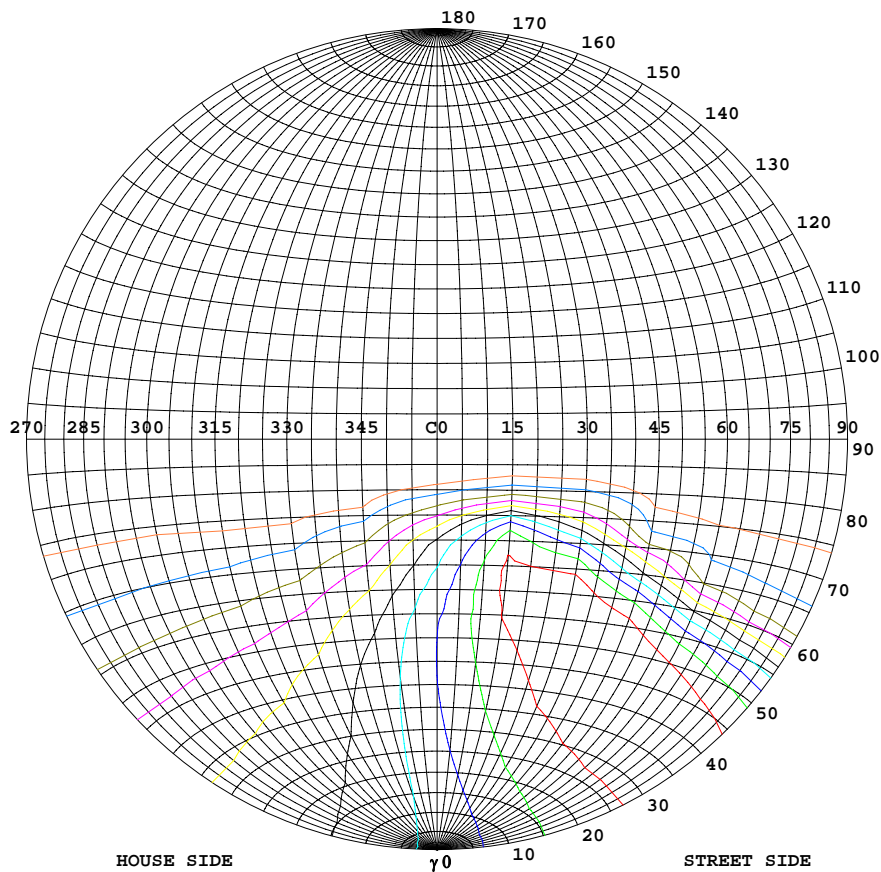


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.3V I:0.5212A P:110.8W PF:0.9694 Freq:50.00Hz Lamp Flux:15646.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



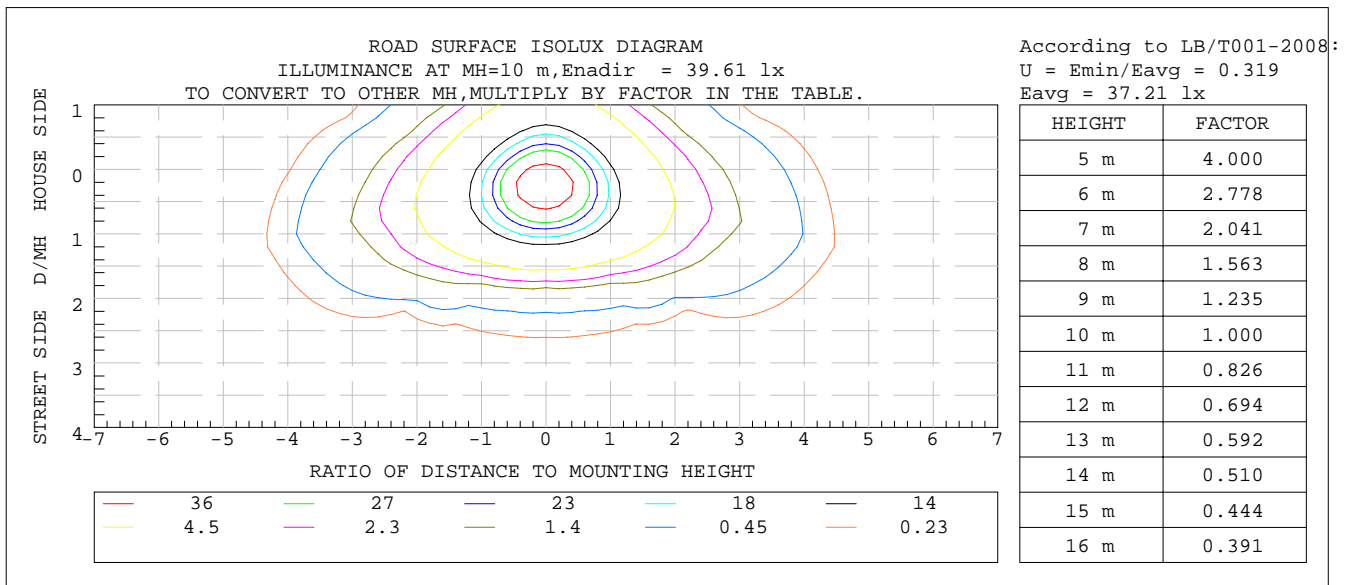
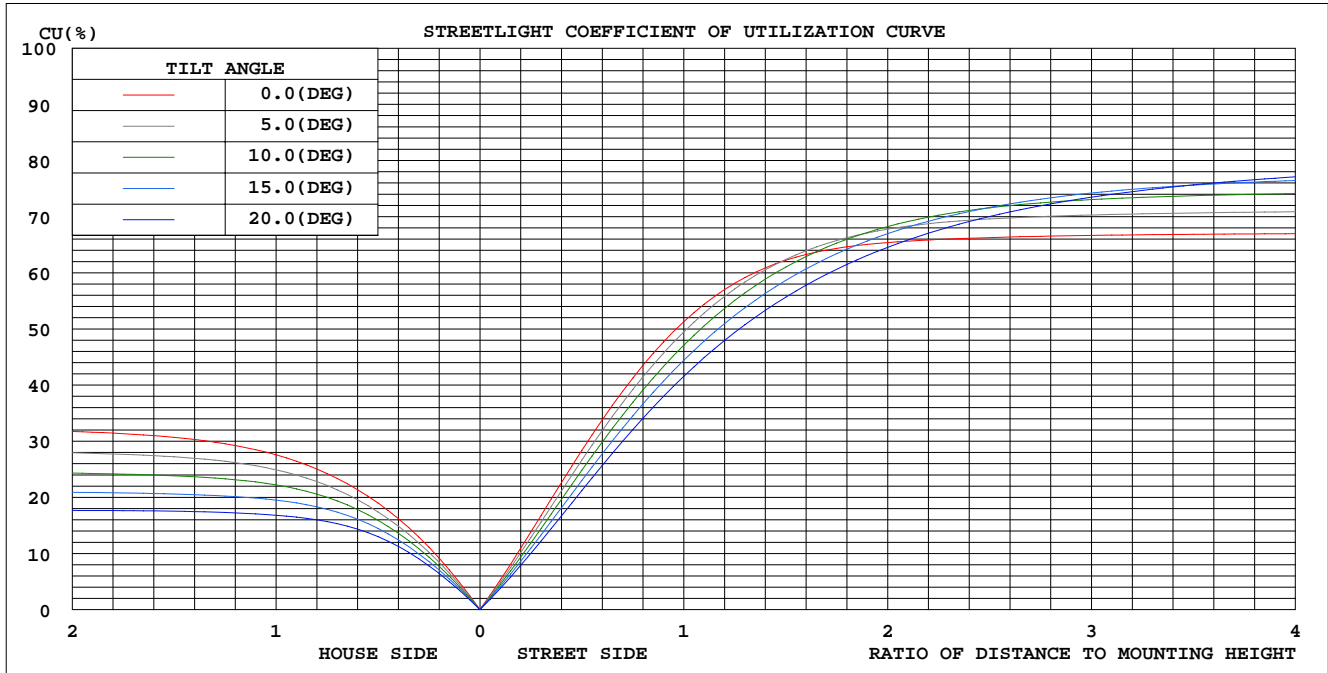
Classification:

IES:Type II - Short
CIE:Average - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:78.59cd/klm
Max.At90:0cd/klm
Max.80-90:78.59cd/klm
NRB 5101:Semi limited[23.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6305
90%	5675
80%	5044
70%	4414
60%	3783
50%	3153
40%	2522
30%	1892
20%	1261
10%	631
5%	315

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [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: yanyonggeng
Test Date: 2024-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.3V I:0.5212A P:110.8W PF:0.9694 Freq:50.00Hz Lamp Flux:15646.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

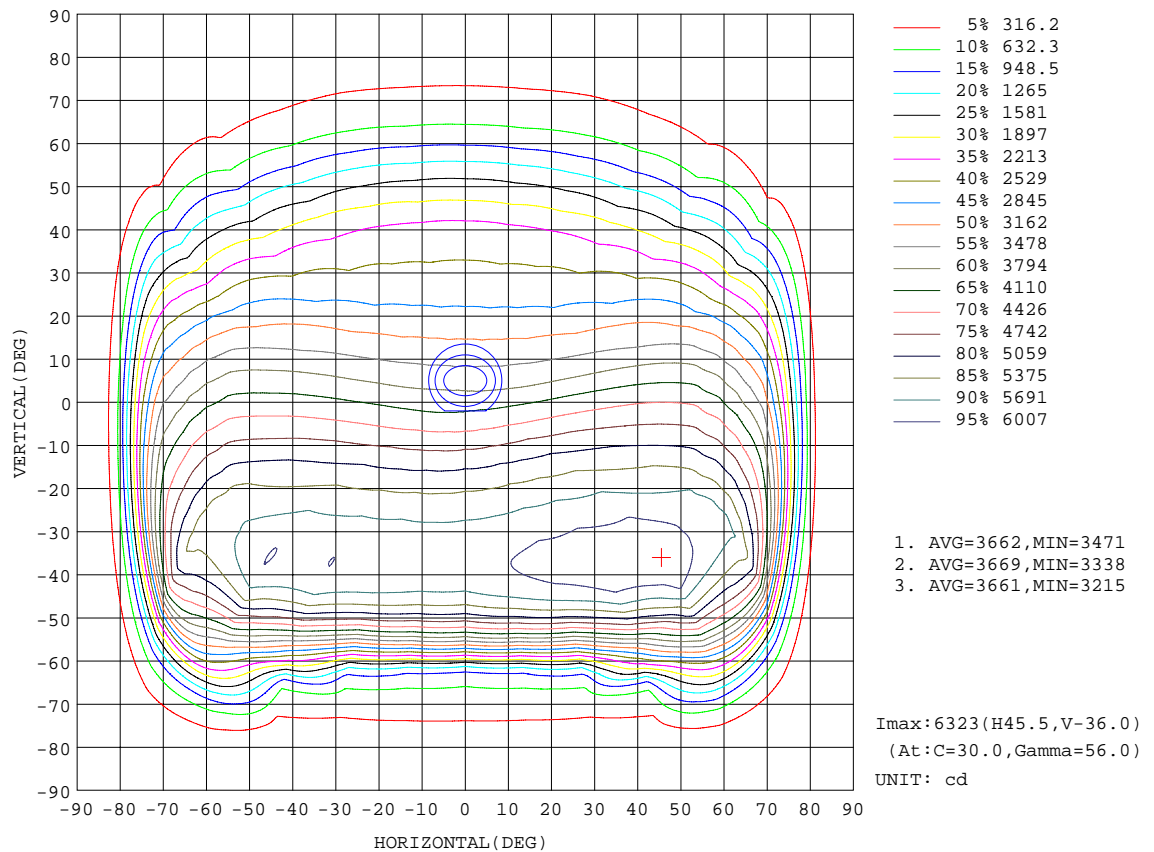
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	4024	4513	4673	4463	3977	3549	3389	3556	0- 10	381.0	381.0	2.44,2.44
20	4147	5136	5335	5004	4053	3188	2925	3188	10- 20	1155	1536	9.82,9.82
30	4284	5654	5782	5500	4144	2853	2601	2846	20- 30	1931	3467	22.2,22.2
40	4384	6063	5869	5897	4210	2520	2311	2508	30- 40	2658	6125	39.1,39.1
50	4393	6216	4874	5995	4215	2075	1702	2016	40- 50	3184	9310	59.5,59.5
60	4078	4941	1691	4715	4026	1276	916.8	1173	50- 60	3111	12420	79.4,79.4
70	3165	1529	456.0	1322	3454	470.7	423.2	434.0	60- 70	2148	14568	93.1,93.1
80	463.8	196.1	108.1	203.9	734.8	135.1	111.7	113.5	70- 80	982.3	15550	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	95.83	15646	100,100
100	0	0	0	0	0	0	0	0	90-100	0	15646	100,100
110	0	0	0	0	0	0	0	0	100-110	0	15646	100,100
120	0	0	0	0	0	0	0	0	110-120	0	15646	100,100
130	0	0	0	0	0	0	0	0	120-130	0	15646	100,100
140	0	0	0	0	0	0	0	0	130-140	0	15646	100,100
150	0	0	0	0	0	0	0	0	140-150	0	15646	100,100
160	0	0	0	0	0	0	0	0	150-160	0	15646	100,100
170	0	0	0	0	0	0	0	0	160-170	0	15646	100,100
180	0	0	0	0	0	0	0	0	170-180	0	15646	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

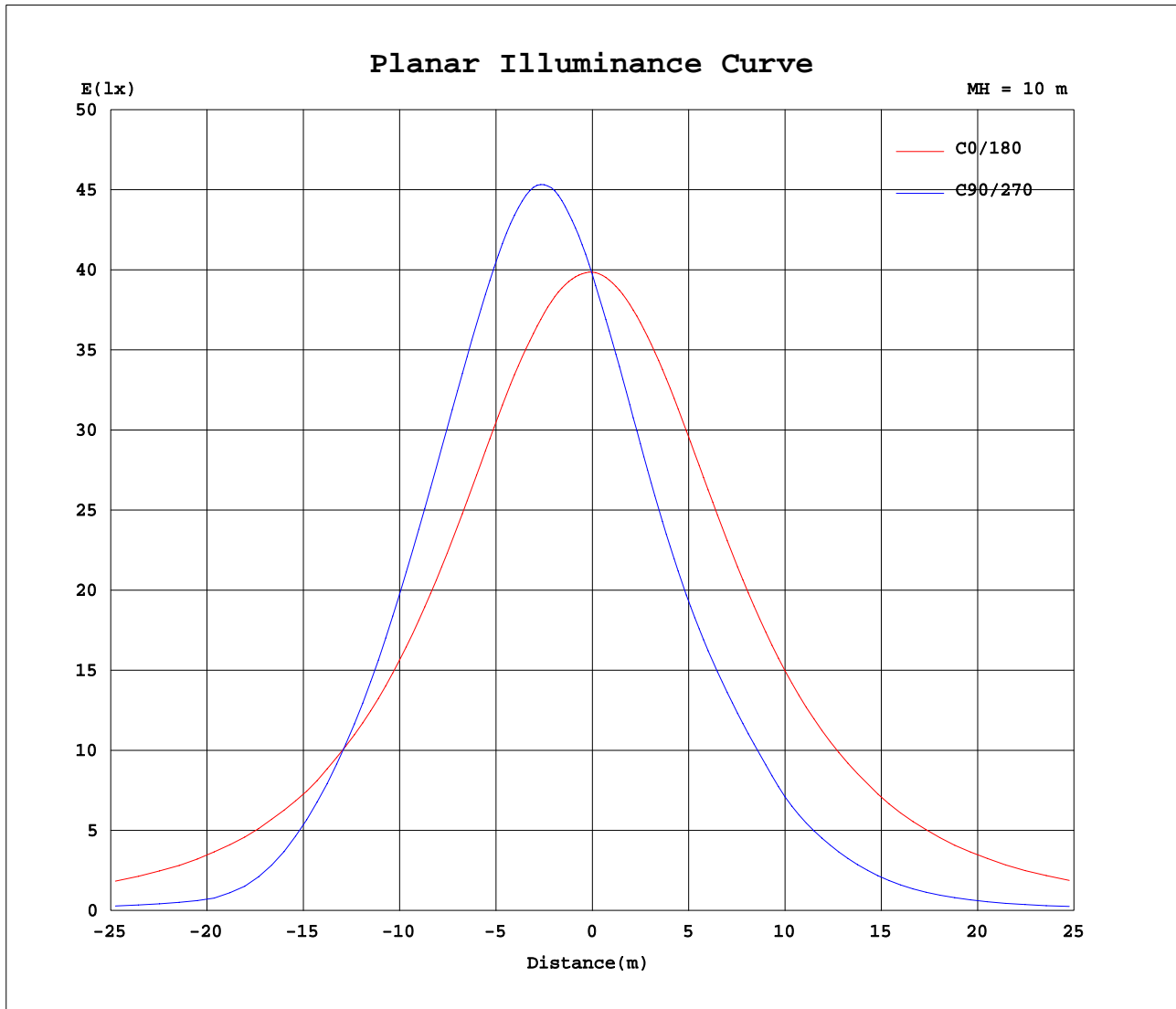
Test:U:219.3V I:0.5212A P:110.8W PF:0.9694 Freq:50.00Hz Lamp Flux:15646.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

Planar Illuminance Curve



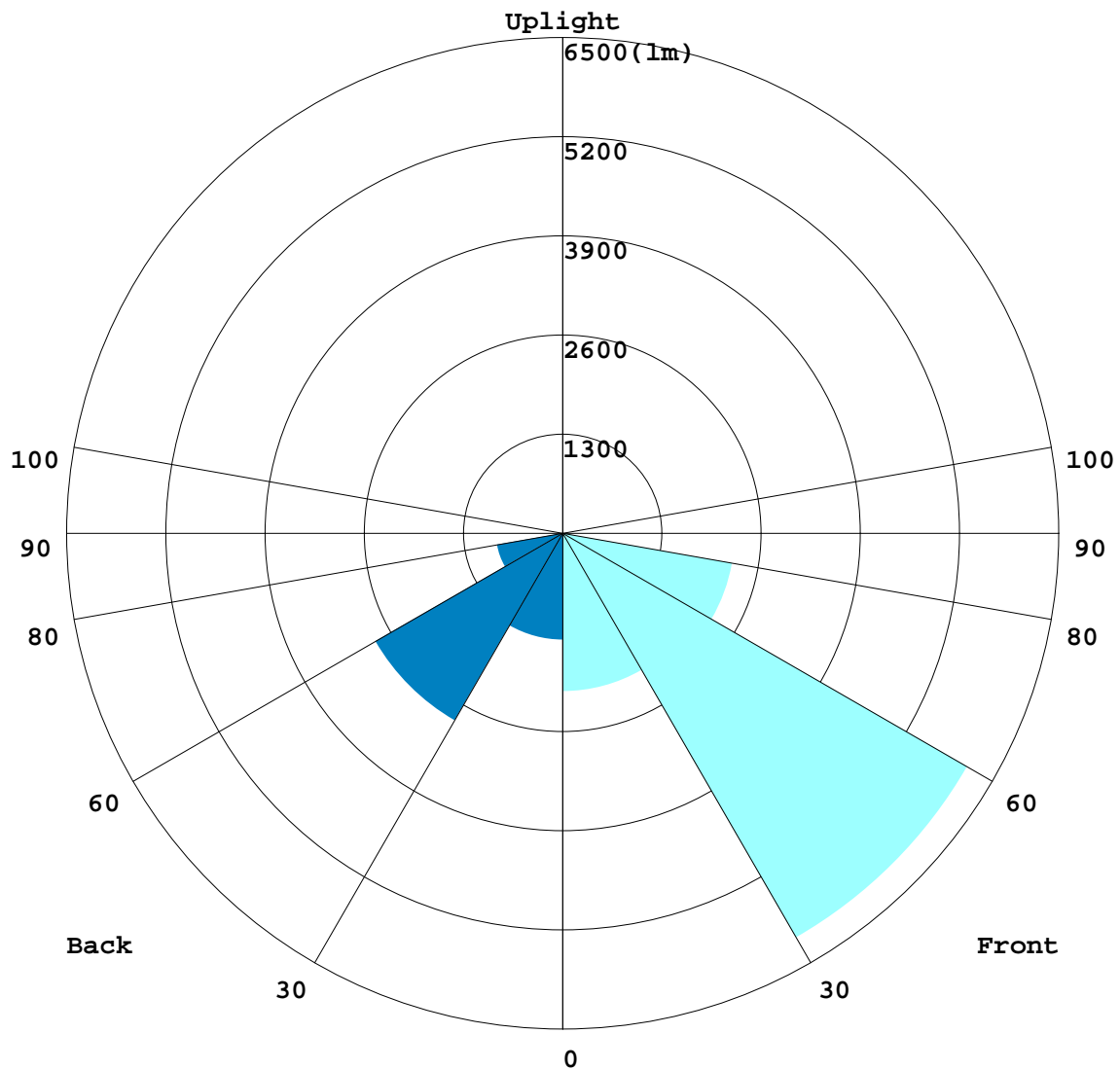
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

LCS REPORT

Test:U:219.3V I:0.5212A P:110.8W PF:0.9694 Freq:50.00Hz Lamp Flux:15646.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

BUG REPORT

Test:U:219.3V I:0.5212A P:110.8W PF:0.9694 Freq:50.00Hz Lamp Flux:15646.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2070.9	13.2
FM - Front-Medium(30-60)	6119.8	39.1
FH - Front-High(60-80)	2256.1	14.4
FVH - Front-Very High(80-90)	63.145	0.4
Total Forward Light	10510	67.2

BL - Back-Low(0-30)	1396.6	8.9
BM - Back-Medium(30-60)	2832.8	18.1
BH - Back-High(60-80)	874.14	5.6
BVH - Back-Very High(80-90)	32.69	0.2
Total Back Light	5136.2	32.8

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5136.2	0	5136.2
Street Side	10510	0	10510

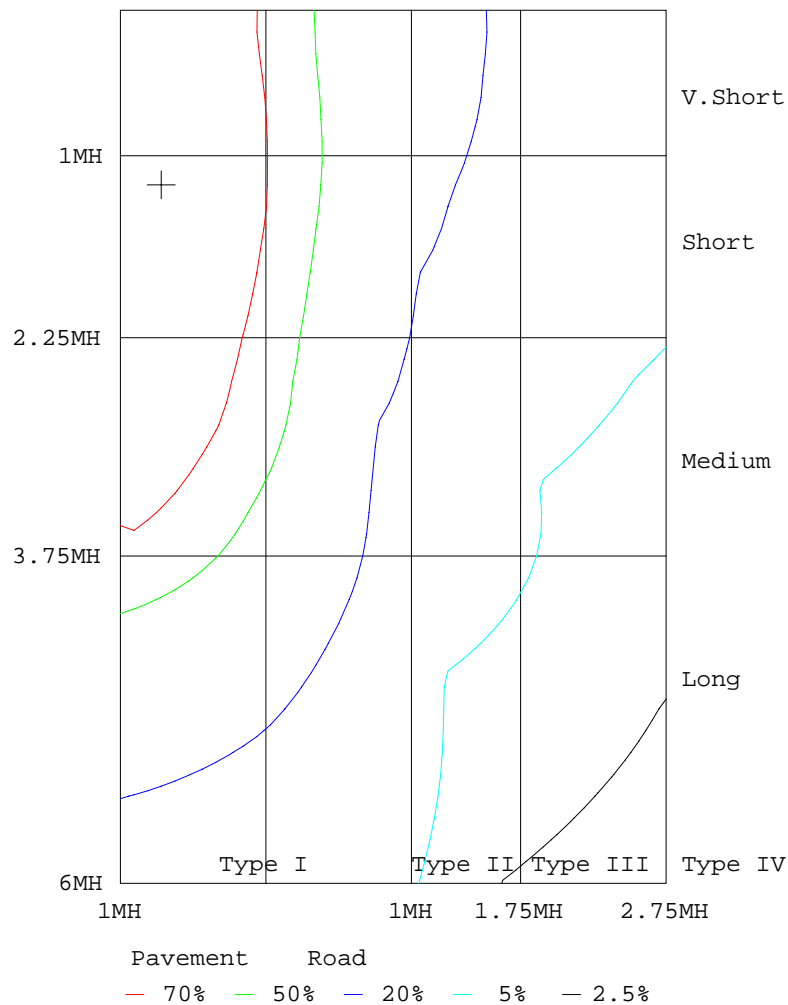
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.3V I:0.5212A P:110.8W PF:0.9694 Freq:50.00Hz Lamp Flux:15646.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.5212A P:110.8W PF:0.9694 Freq:50.00Hz Lamp Flux:15646.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	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	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968
5	3983	4071	4151	4219	4271	4301	4309	4295	4260	4204	4132	4051	3964	3881	3801	3739	3693	3668	3659
10	4024	4205	4375	4513	4609	4663	4673	4640	4567	4463	4323	4157	3977	3807	3666	3549	3459	3407	3389
15	4077	4366	4634	4834	4962	5021	5026	4982	4884	4738	4534	4285	4008	3754	3543	3365	3238	3165	3141
20	4147	4545	4896	5136	5271	5337	5335	5289	5175	5004	4752	4425	4053	3712	3417	3188	3038	2953	2925
25	4221	4724	5142	5412	5543	5600	5591	5549	5441	5260	4973	4575	4098	3663	3289	3018	2854	2770	2745
30	4284	4890	5372	5654	5772	5812	5782	5758	5673	5500	5190	4723	4144	3611	3159	2853	2690	2617	2601
35	4340	5041	5584	5865	5964	5962	5895	5904	5857	5712	5394	4868	4181	3544	3021	2694	2546	2490	2475
40	4384	5191	5785	6063	6085	5994	5869	5922	5964	5897	5590	5011	4210	3455	2863	2520	2400	2341	2311
45	4404	5344	5984	6209	6044	5796	5584	5694	5901	6023	5776	5148	4215	3336	2670	2334	2197	2057	2007
50	4393	5511	6170	6216	5687	5187	4874	5068	5522	5995	5951	5302	4215	3177	2424	2075	1857	1745	1702
55	4282	5675	6298	5888	4735	3975	3592	3882	4577	5648	6042	5475	4178	2949	2083	1693	1511	1380	1331
60	4078	5793	6152	4941	3073	2082	1691	2044	2975	4715	5896	5550	4026	2569	1667	1276	1090	957	917
65	3719	5753	5479	3266	1203	772	679	776	1212	3128	5202	5564	3760	2047	1139	805	697	621	602
70	3165	5419	4099	1529	580	484	456	489	588	1322	3801	5359	3454	1400	623	471	446	431	423
75	1816	3752	2212	464	322	289	274	295	326	464	2282	4232	2444	663	301	280	284	273	261
80	464	912	693	196	138	118	108	119	143	204	739	1230	735	179	140	135	138	121	112
85	63.1	101	107	51.0	34.6	29.8	25.5	29.3	37.4	59.1	129	156	95.2	55.4	45.4	37.9	38.5	33.7	32.7
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:yanyonggeng
Test Date:2024-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.5212A P:110.8W PF:0.9694 Freq:50.00Hz Lamp Flux:15646.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	3968	3968	3968	3968	3968													
5	3671	3700	3748	3812	3894													
10	3408	3463	3556	3683	3838													
15	3165	3237	3367	3558	3791													
20	2949	3032	3188	3432	3750													
25	2767	2845	3011	3299	3707													
30	2615	2682	2846	3163	3659													
35	2482	2538	2689	3020	3599													
40	2322	2379	2508	2859	3512													
45	2024	2152	2299	2666	3395													
50	1709	1792	2016	2400	3221													
55	1337	1434	1595	2037	2943													
60	923	1009	1173	1575	2529													
65	601	656	733	1007	1936													
70	421	430	434	534	1203													
75	263	269	256	271	485													
80	112	124	113	117	150													
85	30.7	31.7	29.7	34.3	43.6													
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:yanyonggeng
Test Date:2024-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks: