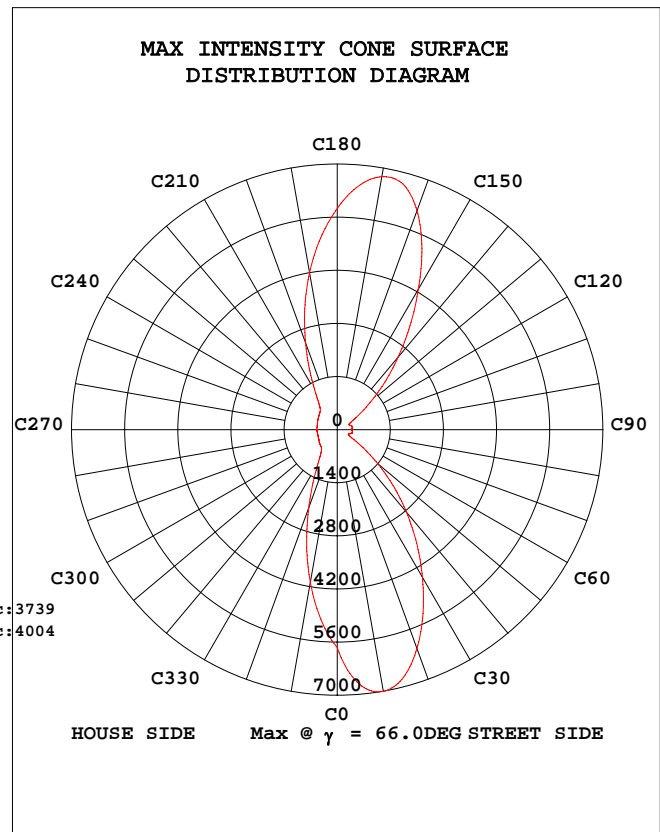
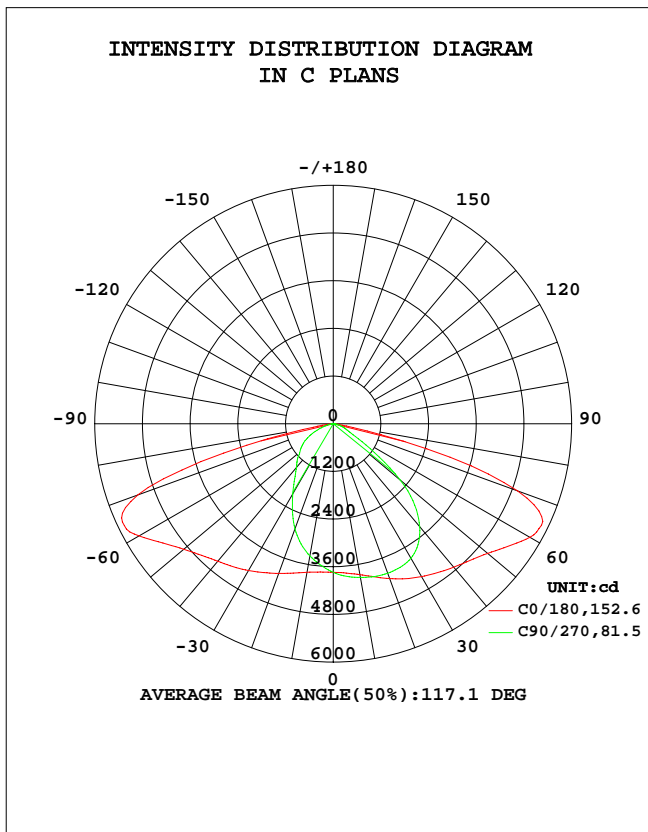


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.4604A P:99.36W PF:0.9839 Freq:50.01Hz Lamp Flux:13965.6x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.55 lm/W			
MODEL	3030	I <sub>max</sub> (cd)	6757	η street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	60.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	13966	η house_up(%)	0.0
NOMINAL FLUX(lm)	13965.6	MAXIMUM @(C,γ )	15,66.0	η house_down(%)	39.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.834

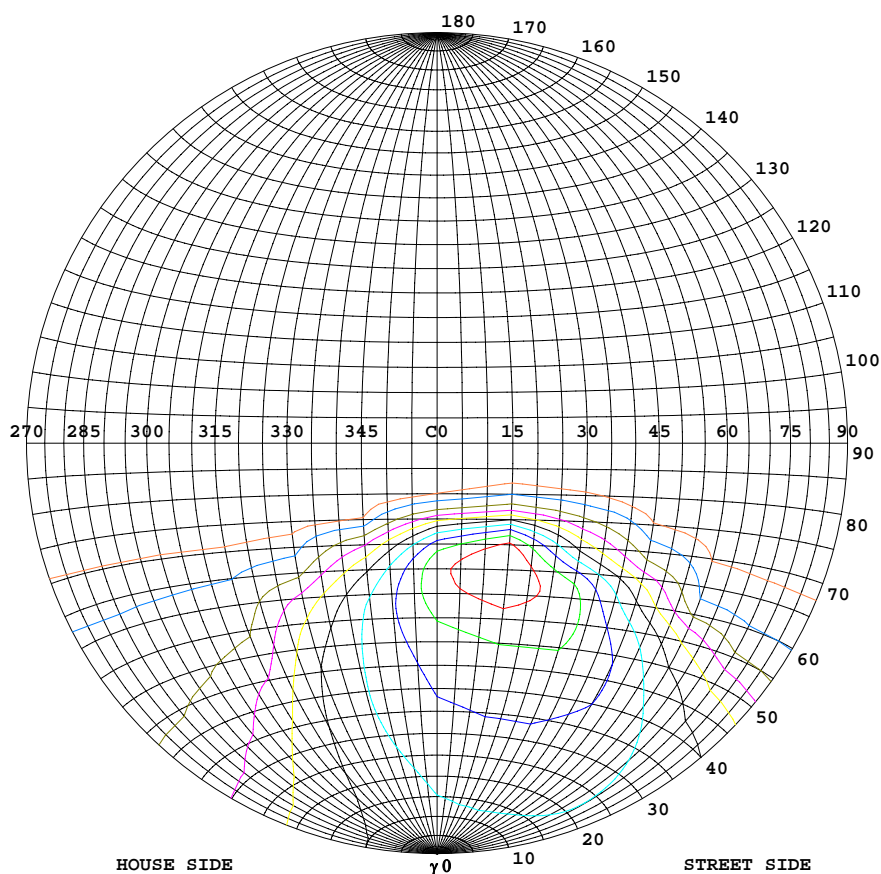


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-11

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:0.4604A P:99.36W PF:0.9839 Freq:50.01Hz Lamp Flux:13965.6x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



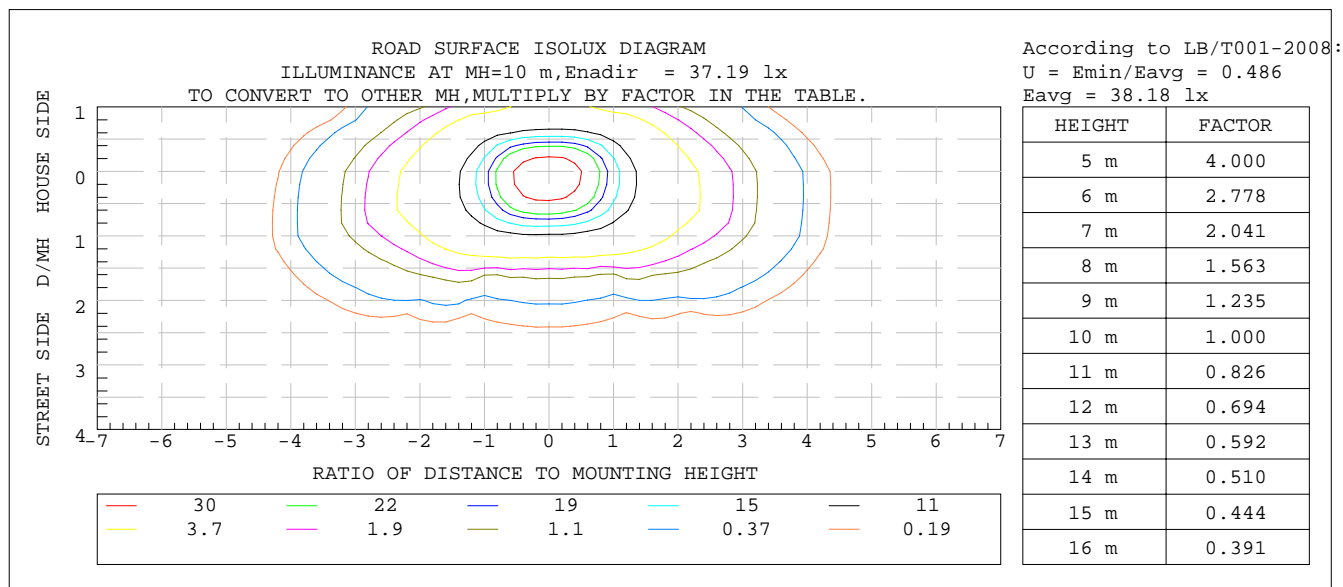
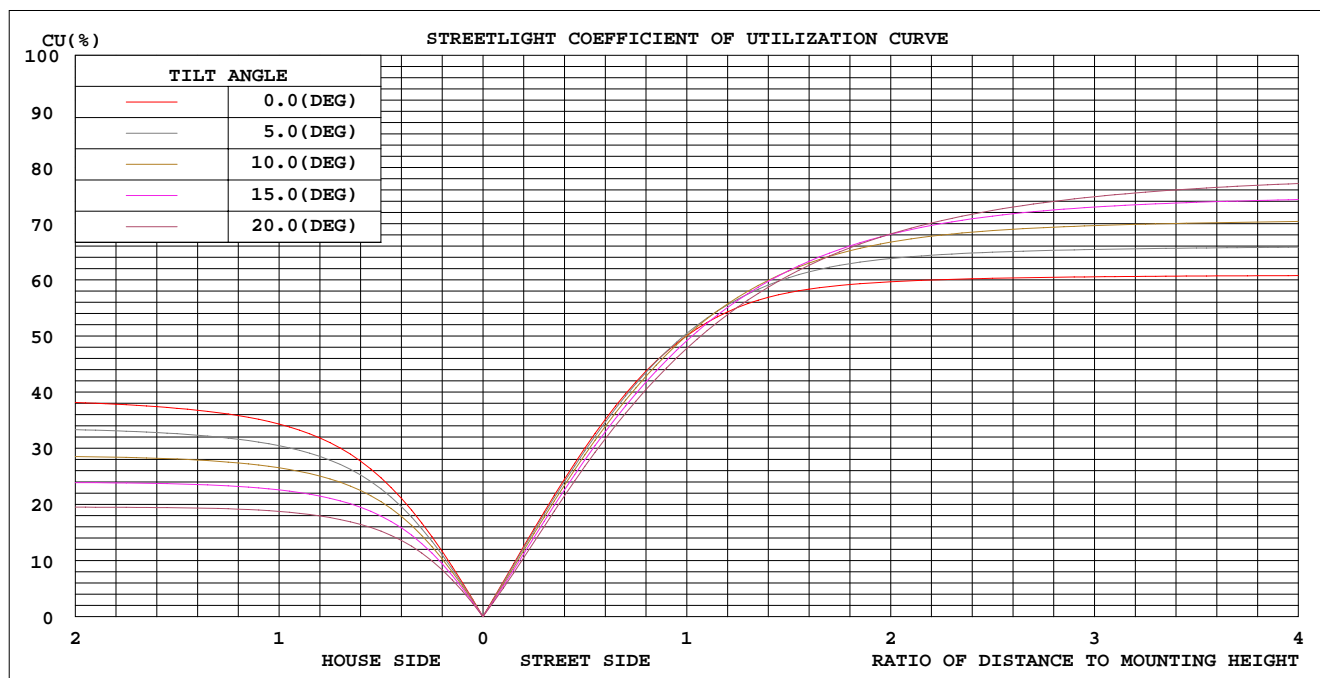
## Classification:

IES:Type II - Short  
CIE:Narrow - Intermediate  
IES:Full cut-off  
CIE:Semi-cut-off  
Max.At80:53.30cd/klm  
Max.At90:0cd/klm  
Max.80-90:53.30cd/klm  
NRB 5101:Semi limited[18.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6757
90%	6081
80%	5406
70%	4730
60%	4054
50%	3378
40%	2703
30%	2027
20%	1351
10%	676
5%	338

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: 2024-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.4604A P:99.36W PF:0.9839 Freq:50.01Hz Lamp Flux:13965.6x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

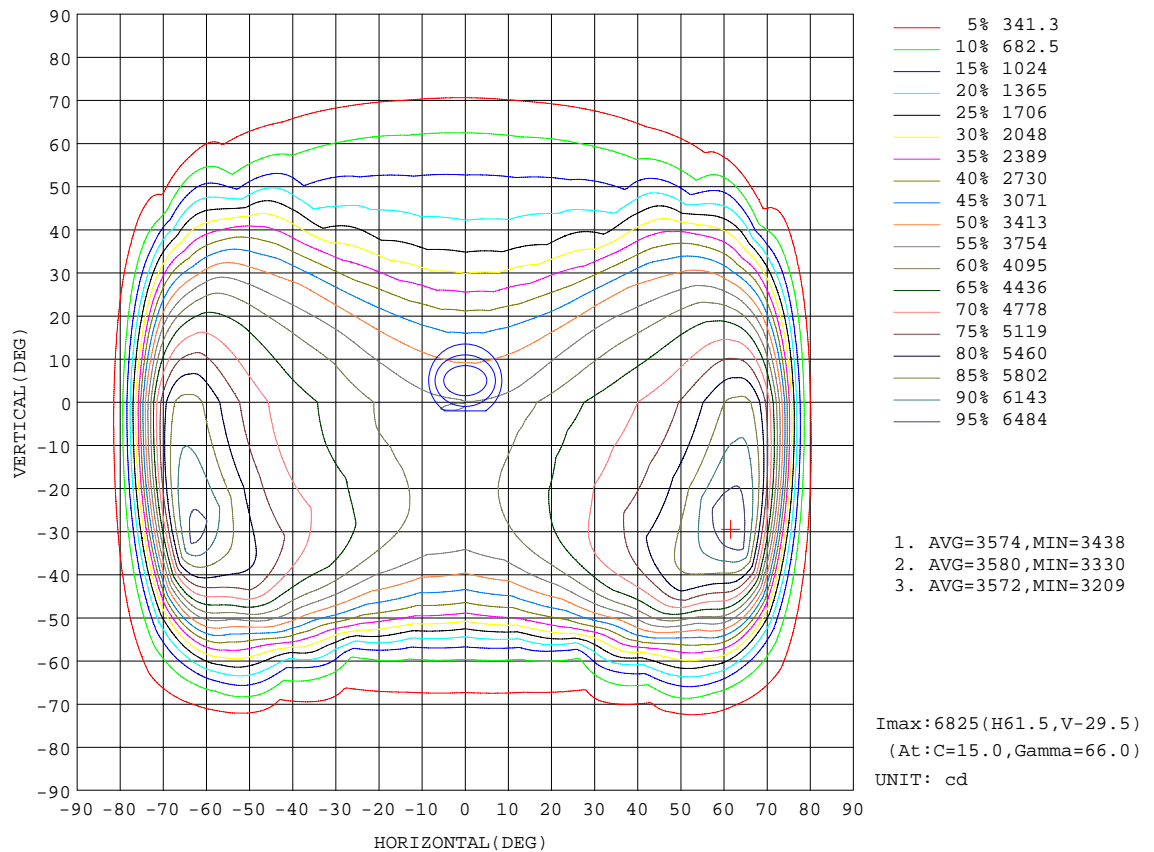
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	3857	3953	3929	3915	3797	3533	3380	3556	0- 10	356.9	356.9	2.56,2.56
20	4148	4207	4004	4107	4010	3346	2818	3355	10- 20	1062	1419	10.2,10.2
30	4443	4470	3909	4323	4265	3054	2039	3030	20- 30	1724	3143	22.5,22.5
40	4712	4710	3386	4518	4520	2548	1442	2485	30- 40	2275	5418	38.8,38.8
50	5075	4653	2197	4388	4912	1716	1098	1620	40- 50	2645	8064	57.7,57.7
60	5718	3494	648.8	3254	5645	988.3	780.4	960.9	50- 60	2699	10762	77.1,77.1
70	4934	1040	279.5	872.4	5226	424.9	364.6	385.8	60- 70	2237	12999	93.1,93.1
80	341.8	119.8	81.62	124.3	513.5	78.92	73.08	71.19	70- 80	903.5	13903	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	62.61	13966	100,100
100	0	0	0	0	0	0	0	0	90-100	0	13966	100,100
110	0	0	0	0	0	0	0	0	100-110	0	13966	100,100
120	0	0	0	0	0	0	0	0	110-120	0	13966	100,100
130	0	0	0	0	0	0	0	0	120-130	0	13966	100,100
140	0	0	0	0	0	0	0	0	130-140	0	13966	100,100
150	0	0	0	0	0	0	0	0	140-150	0	13966	100,100
160	0	0	0	0	0	0	0	0	150-160	0	13966	100,100
170	0	0	0	0	0	0	0	0	160-170	0	13966	100,100
180	0	0	0	0	0	0	0	0	170-180	0	13966	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:2024-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

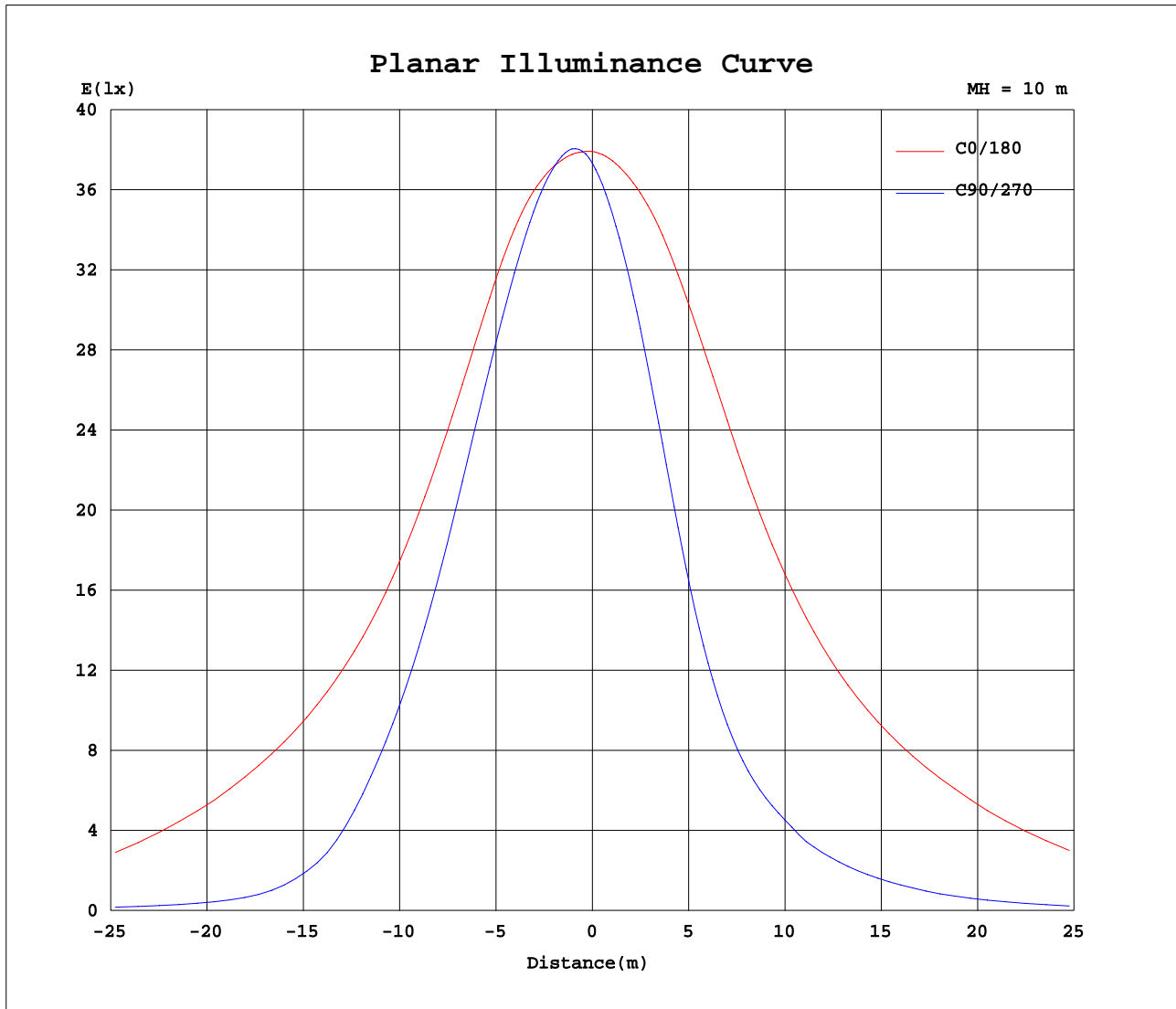
Test:U:219.3V I:0.4604A P:99.36W PF:0.9839 Freq:50.01Hz Lamp Flux:13965.6x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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



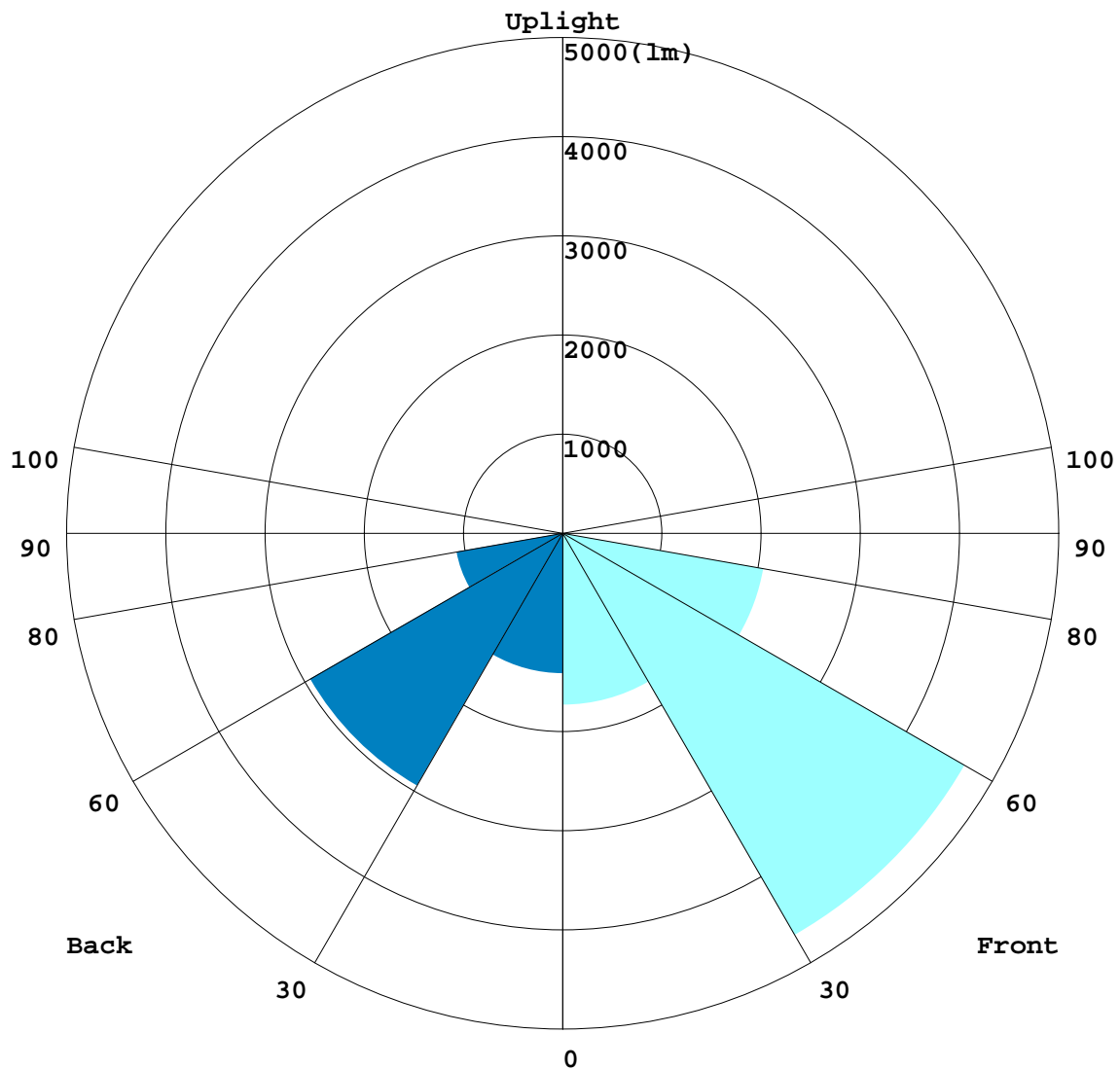
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2024-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.4604A P:99.36W PF:0.9839 Freq:50.01Hz Lamp Flux:13965.6x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	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:2024-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.4604A P:99.36W PF:0.9839 Freq:50.01Hz Lamp Flux:13965.6x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

## IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1730.2	12.4
FM - Front-Medium(30-60)	4680.3	33.5
FH - Front-High(60-80)	2054.8	14.7
FVH - Front-Very High(80-90)	41.418	0.3
Total Forward Light	8506.7	60.9

BL - Back-Low(0-30)	1412.6	10.1
BM - Back-Medium(30-60)	2939.2	21.0
BH - Back-High(60-80)	1085.9	7.8
BVH - Back-Very High(80-90)	21.196	0.2
Total Back Light	5458.8	39.1

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	5458.8	0	5458.8
Street Side	8506.7	0	8506.7

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yanyonggeng  
 Test Date:2024-12-11

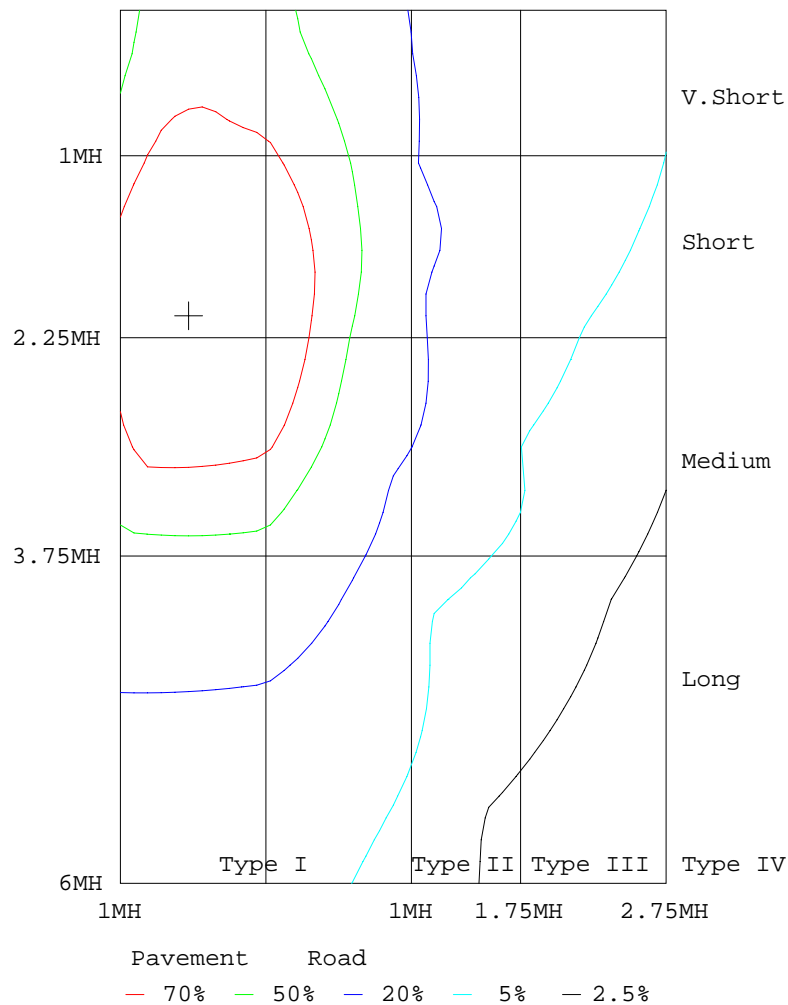
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
 Humidity:65.0%  
 Test Distance:7.682m [K=1.0000]  
 Remarks:



## ROAD ISOCANDELA REPORT

Test:U:219.3V I:0.4604A P:99.36W PF:0.9839 Freq:50.01Hz Lamp Flux:13965.6x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.4604A P:99.36W PF:0.9839 Freq:50.01Hz Lamp Flux:13965.6x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	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	3739	3739	3739	3739	3739	3739	3739	3739	3739	3739	3739	3739	3739	3739	3739	3739	3739	3739	3739
5	3774	3805	3830	3843	3851	3858	3855	3853	3843	3830	3810	3783	3747	3711	3670	3632	3600	3580	3576
10	3857	3913	3947	3953	3945	3938	3929	3927	3920	3915	3896	3858	3797	3719	3625	3533	3454	3396	3380
15	3987	4066	4092	4074	4037	4004	3982	3982	3991	4003	4004	3969	3890	3770	3612	3445	3287	3167	3132
20	4148	4239	4251	4207	4121	4047	4004	4015	4055	4107	4130	4104	4010	3846	3616	3346	3081	2879	2818
25	4304	4407	4418	4338	4186	4051	3987	4015	4107	4216	4264	4240	4133	3926	3623	3218	2822	2523	2432
30	4443	4557	4575	4470	4232	4009	3909	3971	4138	4323	4405	4385	4265	4020	3630	3054	2508	2145	2039
35	4576	4707	4736	4603	4236	3877	3718	3828	4117	4431	4559	4529	4393	4104	3610	2831	2163	1790	1696
40	4712	4874	4916	4710	4130	3600	3386	3544	3988	4518	4731	4685	4520	4170	3547	2548	1808	1509	1442
45	4865	5081	5139	4749	3858	3164	2904	3104	3696	4536	4930	4884	4686	4241	3424	2186	1515	1336	1280
50	5075	5367	5390	4653	3372	2546	2197	2482	3201	4388	5151	5183	4912	4291	3213	1716	1314	1132	1098
55	5375	5790	5624	4259	2633	1530	1266	1482	2456	3964	5376	5624	5235	4299	2878	1327	1061	971	956
60	5718	6352	5657	3494	1207	728	649	724	1174	3254	5382	6191	5645	4144	2353	988	872	805	780
65	5818	6754	4826	2424	510	426	404	426	493	2112	4578	6670	5852	3525	1363	708	630	586	584
70	4934	6173	3152	1040	324	292	279	293	318	872	3060	6083	5226	2316	594	425	393	365	365
75	2443	3327	1558	359	195	179	173	181	198	326	1549	3287	2852	760	277	200	198	189	187
80	342	665	406	120	90.0	86.8	81.6	89.1	95.3	124	383	744	513	162	106	78.9	79.0	77.1	73.1
85	46.5	70.3	74.9	30.3	22.1	21.9	19.5	23.4	25.8	35.5	70.1	97.3	65.5	38.9	29.1	20.3	18.6	16.1	15.1
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:2024-12-11

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:0.4604A P:99.36W PF:0.9839 Freq:50.01Hz Lamp Flux:13965.6x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345													
0	3739	3739	3739	3739	3739													
5	3584	3609	3644	3687	3734													
10	3403	3468	3556	3659	3766													
15	3173	3299	3465	3653	3841													
20	2876	3080	3355	3665	3945													
25	2506	2801	3218	3685	4056													
30	2126	2476	3030	3688	4152													
35	1768	2121	2796	3667	4233													
40	1490	1750	2485	3594	4288													
45	1321	1485	2084	3448	4325													
50	1126	1286	1620	3213	4347													
55	967	1048	1288	2827	4304													
60	794	851	961	2230	4046													
65	575	606	672	1187	3338													
70	357	372	386	514	2016													
75	185	186	177	225	377													
80	74.3	74.0	71.2	89.4	127													
85	14.5	16.1	16.4	21.8	27.9													
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:2024-12-11

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: