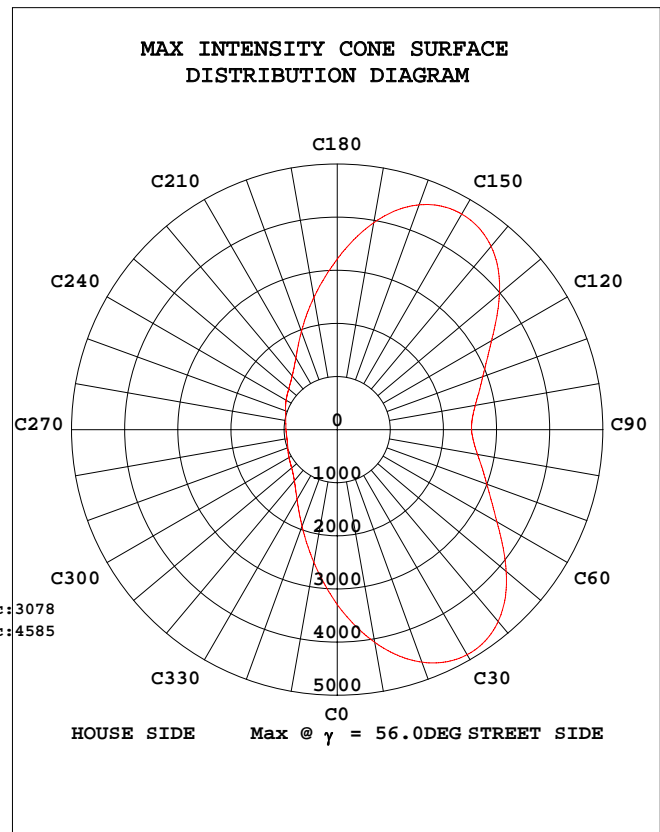
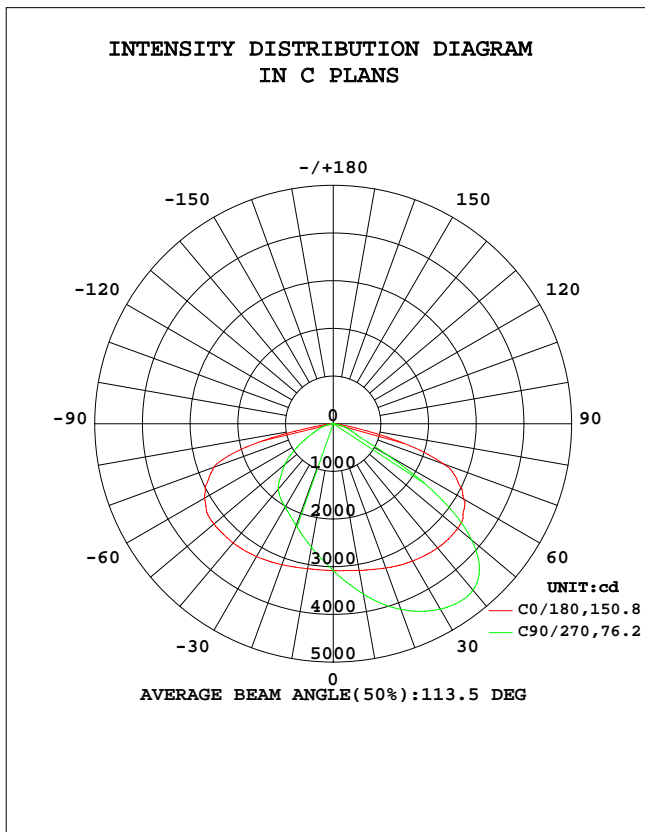


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.3732A P:79.98W PF:0.9776 Freq:50.00Hz Lamp Flux:12144.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-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: 151.84 lm/W			
MODEL	3030	Imax(cd)	4890	η street_up(%)	0.0
NOMINAL POWER(W)	80	LOR(%)	100.0	η street_down(%)	67.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	12144	η house_up(%)	0.0
NOMINAL FLUX(lm)	12144.1	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	19.915

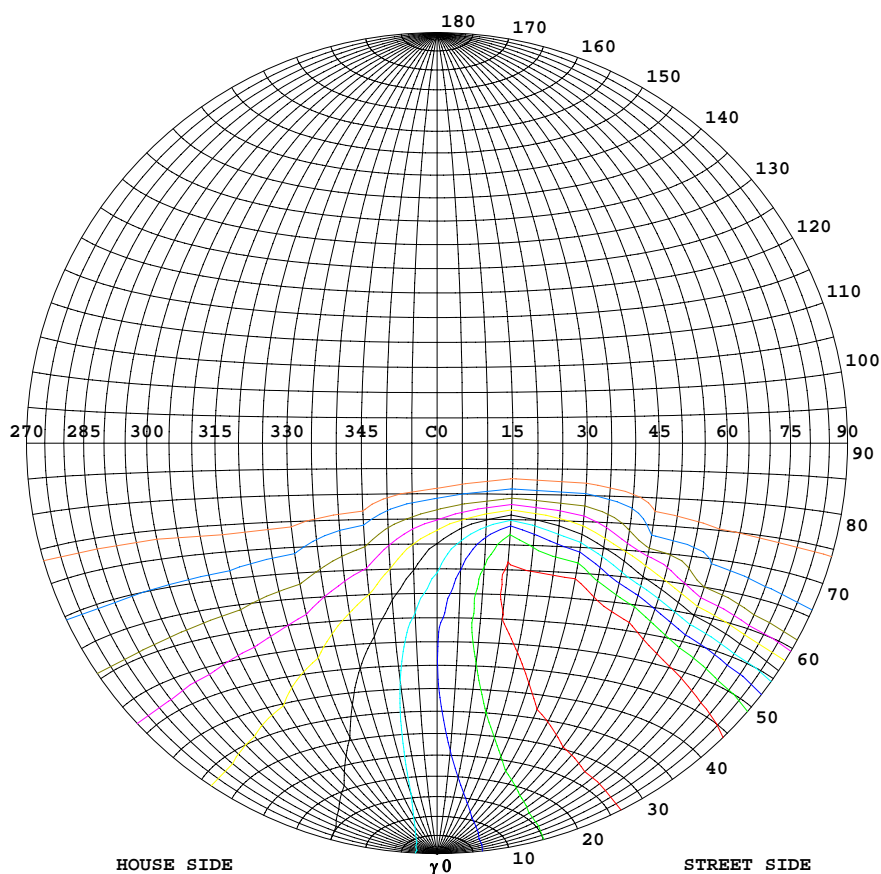


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

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:219.2V I:0.3732A P:79.98W PF:0.9776 Freq:50.00Hz Lamp Flux:12144.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



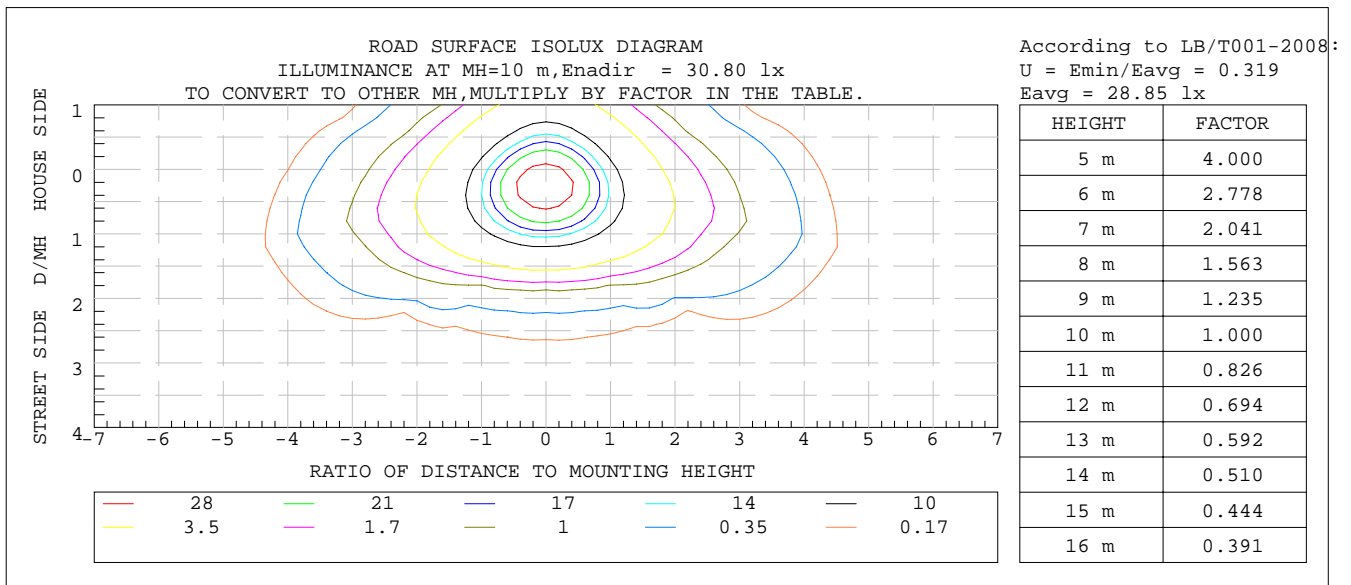
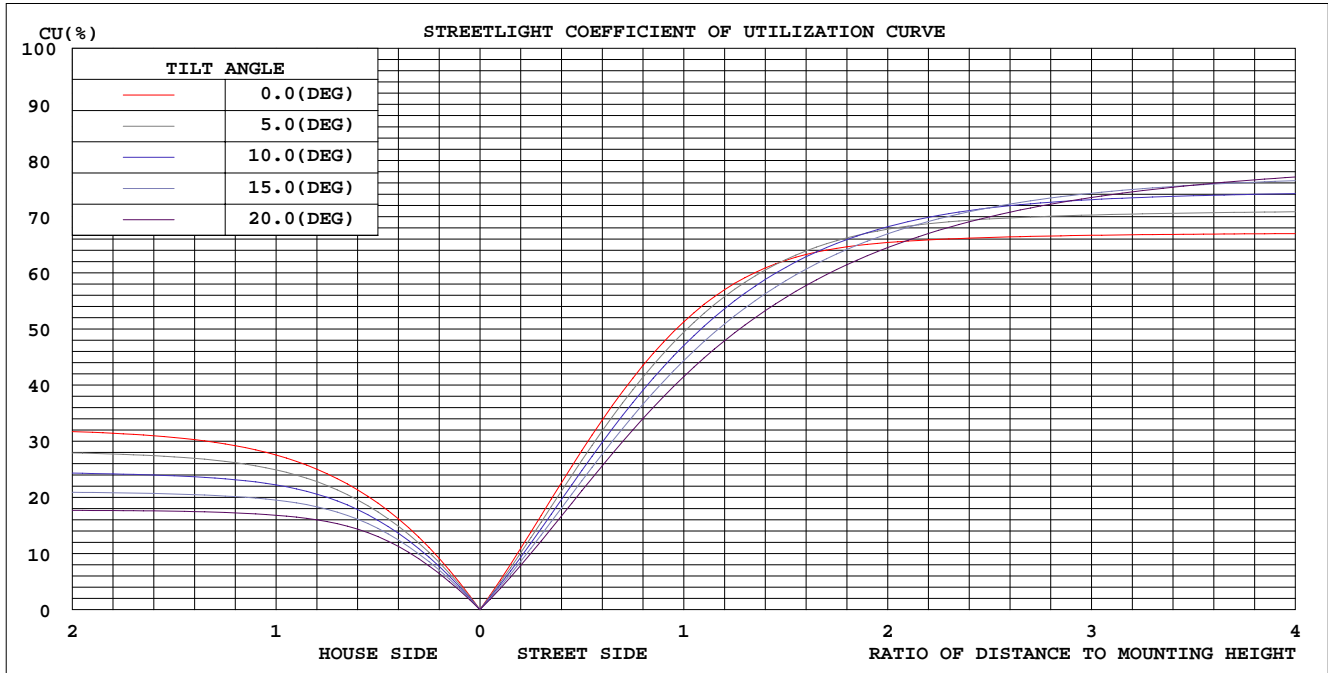
Classification:

IES:Type II - Short
CIE:Average - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:79.65cd/klm
Max.At90:0cd/klm
Max.80-90:79.65cd/klm
NRB 5101:Semi limited[23.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4890
90%	4401
80%	3912
70%	3423
60%	2934
50%	2445
40%	1956
30%	1467
20%	978
10%	489
5%	244

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:219.2V I:0.3732A P:79.98W PF:0.9776 Freq:50.00Hz Lamp Flux:12144.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

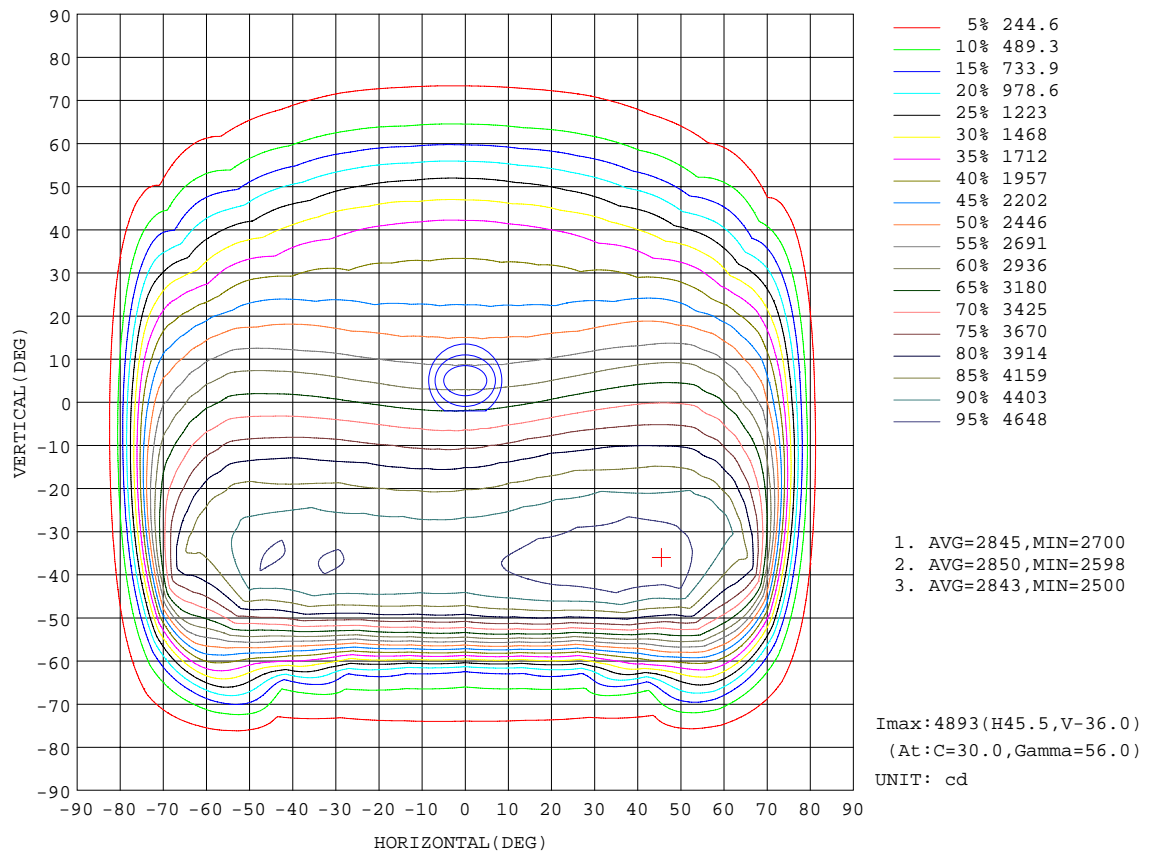
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	3124	3502	3627	3464	3088	2756	2634	2761	0- 10	295.8	295.8	2.44,2.44
20	3220	3987	4140	3884	3147	2474	2272	2474	10- 20	897.0	1193	9.82,9.82
30	3325	4389	4488	4269	3217	2215	2018	2209	20- 30	1499	2692	22.2,22.2
40	3403	4706	4556	4575	3265	1955	1793	1948	30- 40	2063	4755	39.2,39.2
50	3409	4824	3788	4652	3268	1611	1320	1565	40- 50	2471	7226	59.5,59.5
60	3162	3838	1324	3664	3119	991.3	711.4	912.6	50- 60	2414	9640	79.4,79.4
70	2450	1199	354.8	1037	2674	365.5	328.5	336.5	60- 70	1667	11307	93.1,93.1
80	362.3	152.5	82.79	159.2	570.6	104.7	86.89	87.82	70- 80	761.8	12069	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	75.20	12144	100,100
100	0	0	0	0	0	0	0	0	90-100	0	12144	100,100
110	0	0	0	0	0	0	0	0	100-110	0	12144	100,100
120	0	0	0	0	0	0	0	0	110-120	0	12144	100,100
130	0	0	0	0	0	0	0	0	120-130	0	12144	100,100
140	0	0	0	0	0	0	0	0	130-140	0	12144	100,100
150	0	0	0	0	0	0	0	0	140-150	0	12144	100,100
160	0	0	0	0	0	0	0	0	150-160	0	12144	100,100
170	0	0	0	0	0	0	0	0	160-170	0	12144	100,100
180	0	0	0	0	0	0	0	0	170-180	0	12144	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
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

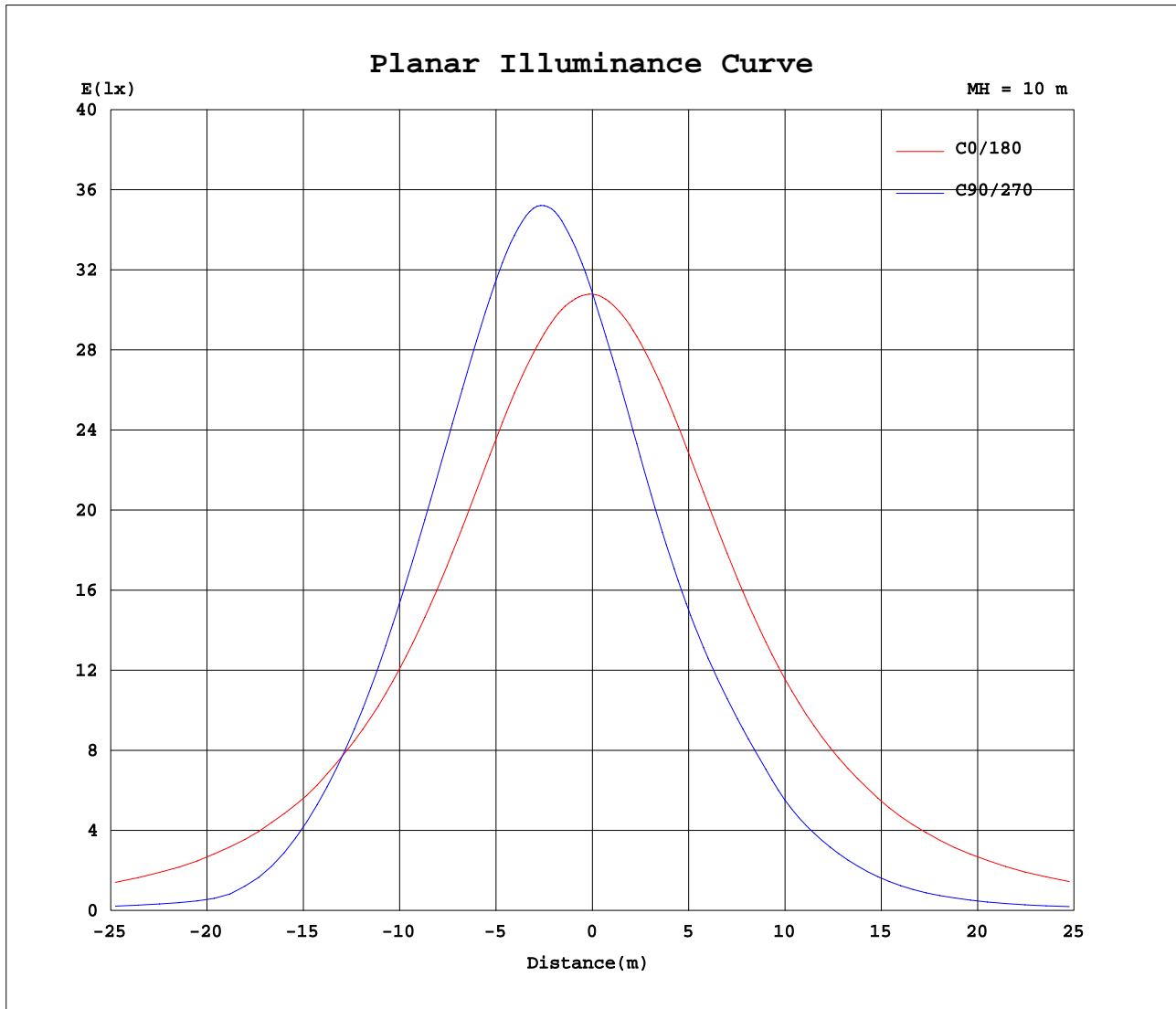
Test:U:219.2V I:0.3732A P:79.98W PF:0.9776 Freq:50.00Hz Lamp Flux:12144.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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



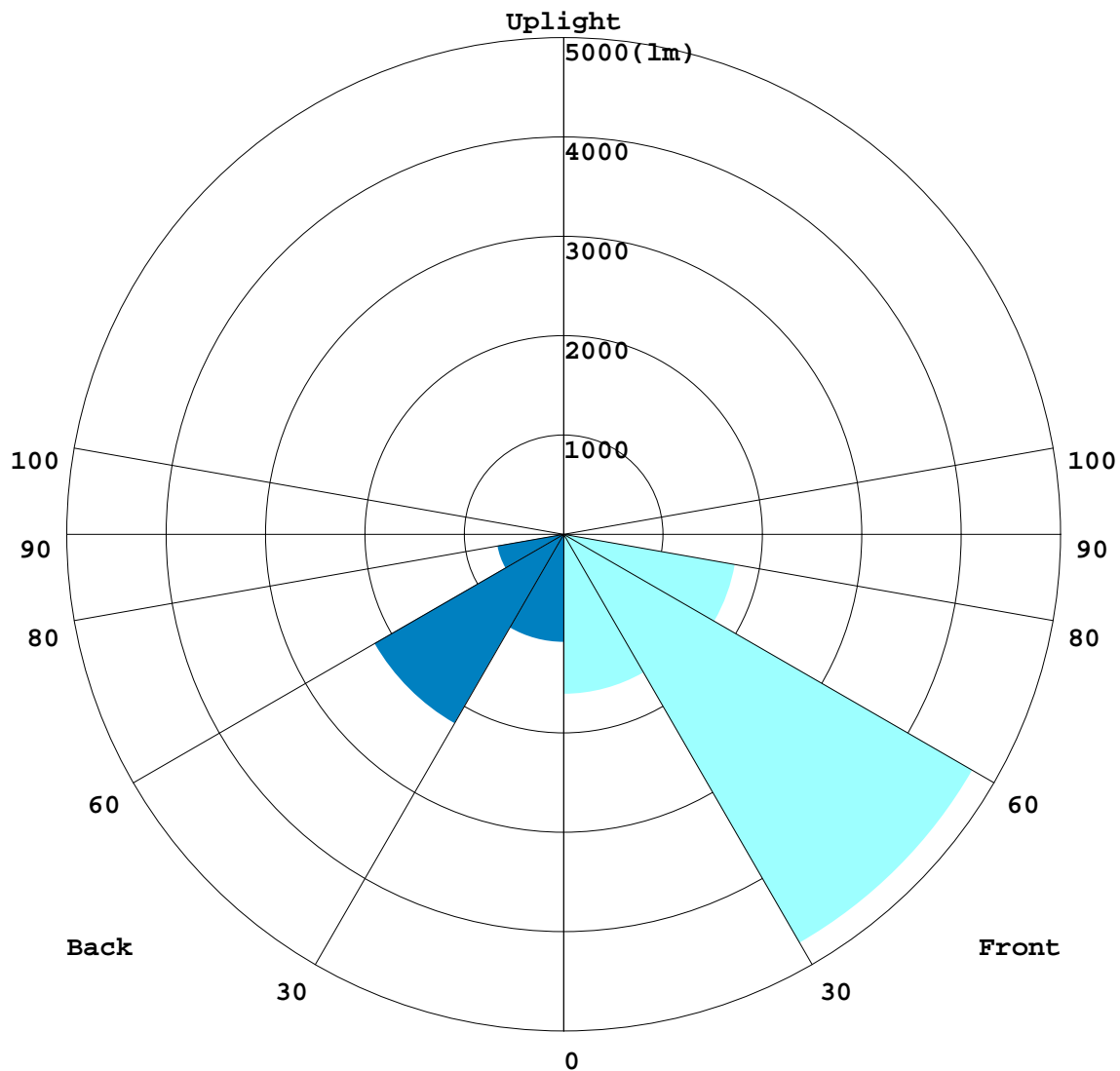
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-26

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:219.2V I:0.3732A P:79.98W PF:0.9776 Freq:50.00Hz Lamp Flux:12144.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-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:219.2V I:0.3732A P:79.98W PF:0.9776 Freq:50.00Hz Lamp Flux:12144.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WILE-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)	1607.6	13.2
FM - Front-Medium(30-60)	4751	39.1
FH - Front-High(60-80)	1751.7	14.4
FVH - Front-Very High(80-90)	50.174	0.4
Total Forward Light	8160.5	67.2

BL - Back-Low(0-30)	1084.4	8.9
BM - Back-Medium(30-60)	2197.2	18.1
BH - Back-High(60-80)	677.07	5.6
BVH - Back-Very High(80-90)	25.03	0.2
Total Back Light	3983.6	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	3983.6	0	3983.6
Street Side	8160.5	0	8160.5

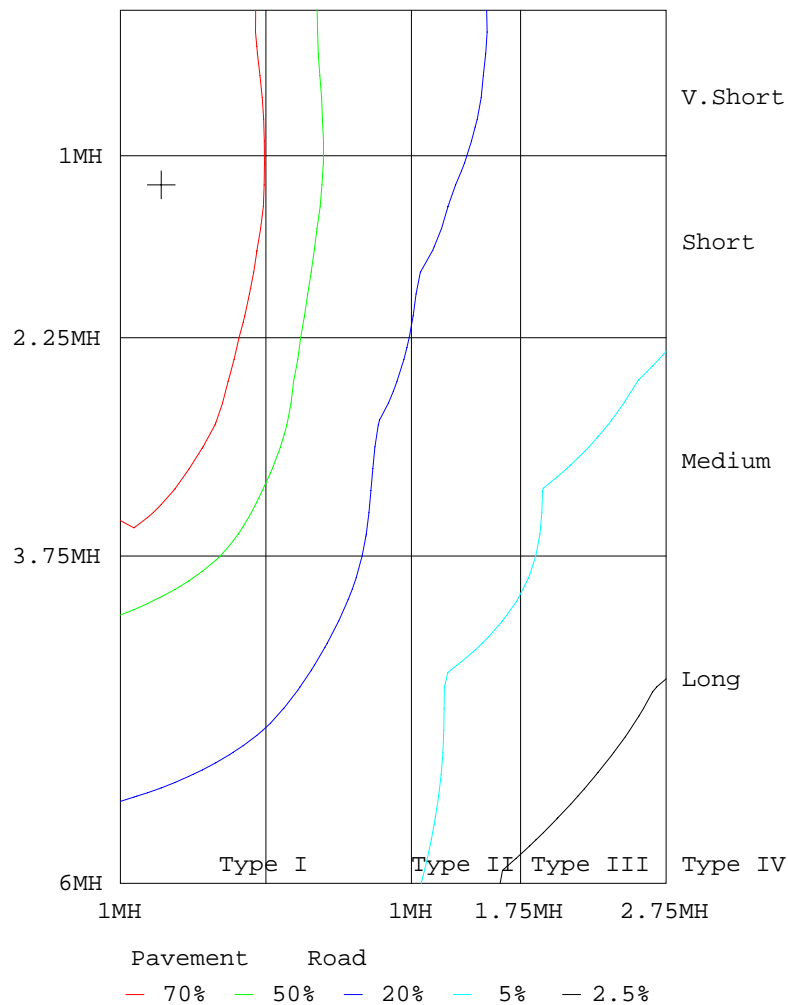
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-26

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:219.2V I:0.3732A P:79.98W PF:0.9776 Freq:50.00Hz Lamp Flux:12144.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-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:219.2V I:0.3732A P:79.98W PF:0.9776 Freq:50.00Hz Lamp Flux:12144.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3080	3080	3080	3080	3080	3080	3080	3080	3080	3080	3080	3080	3080	3080	3080	3080	3080	3080	3080
5	3092	3160	3223	3275	3315	3340	3345	3333	3305	3263	3210	3144	3077	3012	2952	2902	2869	2848	2841
10	3124	3264	3397	3502	3578	3620	3627	3602	3544	3464	3357	3227	3088	2955	2847	2756	2690	2645	2634
15	3165	3389	3599	3752	3852	3898	3901	3865	3790	3678	3519	3325	3111	2915	2753	2613	2517	2457	2441
20	3220	3528	3802	3987	4091	4142	4140	4106	4017	3884	3688	3434	3147	2882	2656	2474	2361	2293	2272
25	3276	3667	3993	4202	4302	4347	4340	4309	4224	4083	3860	3551	3183	2842	2556	2344	2218	2150	2132
30	3325	3794	4169	4389	4481	4511	4488	4469	4402	4269	4028	3664	3217	2803	2456	2215	2088	2031	2018
35	3367	3913	4335	4552	4629	4626	4575	4581	4546	4431	4187	3776	3245	2750	2347	2090	1976	1934	1920
40	3403	4028	4491	4706	4724	4653	4556	4595	4628	4575	4339	3888	3265	2680	2223	1955	1863	1817	1793
45	3417	4146	4643	4818	4693	4501	4337	4422	4579	4674	4482	3994	3269	2586	2070	1811	1704	1597	1556
50	3409	4277	4786	4824	4417	4030	3788	3937	4287	4652	4619	4112	3268	2463	1878	1611	1440	1355	1320
55	3321	4401	4885	4570	3682	3098	2797	3024	3558	4384	4688	4244	3240	2286	1618	1313	1172	1072	1031
60	3162	4491	4770	3838	2394	1626	1324	1597	2323	3664	4577	4301	3119	1991	1293	991	846	743	711
65	2883	4457	4248	2548	975	602	529	606	981	2437	4042	4310	2914	1587	885	625	541	482	468
70	2450	4203	3182	1199	452	377	355	382	460	1037	2954	4147	2674	1077	483	366	345	335	329
75	1405	2862	1727	362	252	224	213	228	255	362	1774	3285	1895	512	239	218	219	211	204
80	362	715	540	152	109	92.1	82.8	92.7	112	159	584	967	571	139	108	105	107	91.3	86.9
85	49.8	78.4	82.6	39.9	27.0	23.3	20.0	22.8	28.9	46.0	110	123	73.8	42.8	34.9	29.1	29.7	26.0	25.3
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:219.2V I:0.3732A P:79.98W PF:0.9776 Freq:50.00Hz Lamp Flux:12144.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345													
0	3080	3080	3080	3080	3080													
5	2848	2872	2909	2960	3022													
10	2645	2691	2761	2860	2980													
15	2457	2515	2614	2764	2943													
20	2289	2357	2474	2667	2911													
25	2148	2211	2337	2565	2878													
30	2029	2082	2209	2458	2838													
35	1927	1969	2086	2347	2792													
40	1802	1846	1948	2221	2725													
45	1571	1670	1784	2069	2632													
50	1326	1390	1565	1863	2497													
55	1039	1113	1242	1579	2281													
60	716	786	913	1222	1960													
65	467	508	568	783	1503													
70	327	333	337	415	929													
75	204	206	198	207	377													
80	84.5	96.1	87.8	91.1	118													
85	23.6	24.7	23.0	26.6	33.6													
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: