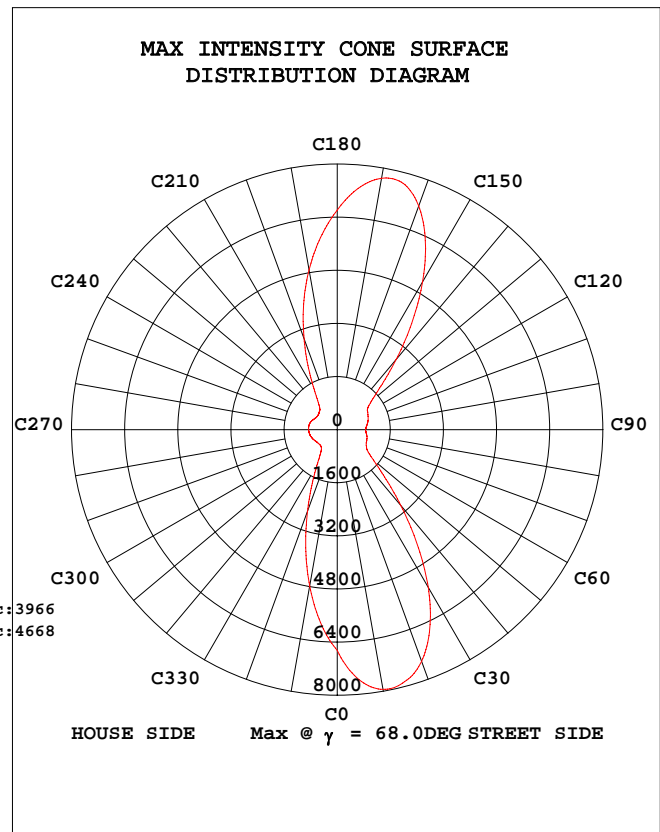
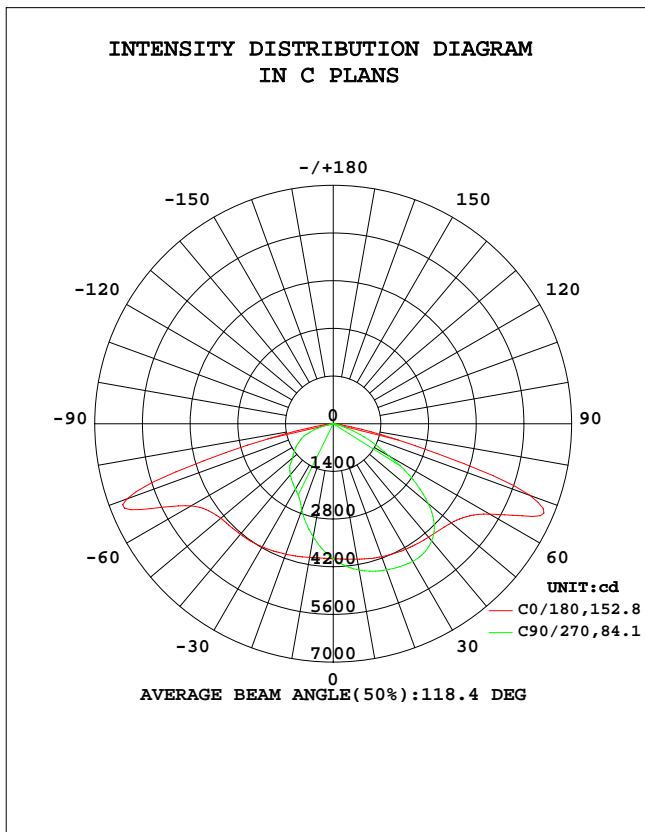


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.5636A P:120.3W PF:0.9737 Freq:50.01Hz Lamp Flux:15449.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.43 lm/W			
MODEL	3030	I _{max} (cd)	7854	η street_up(%)	0.0
NOMINAL POWER(W)	120	LOR(%)	100.0	η street_down(%)	62.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	15450	η house_up(%)	0.0
NOMINAL FLUX(lm)	15449.8	MAXIMUM @(C,γ)	15,68.0	η house_down(%)	37.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.565

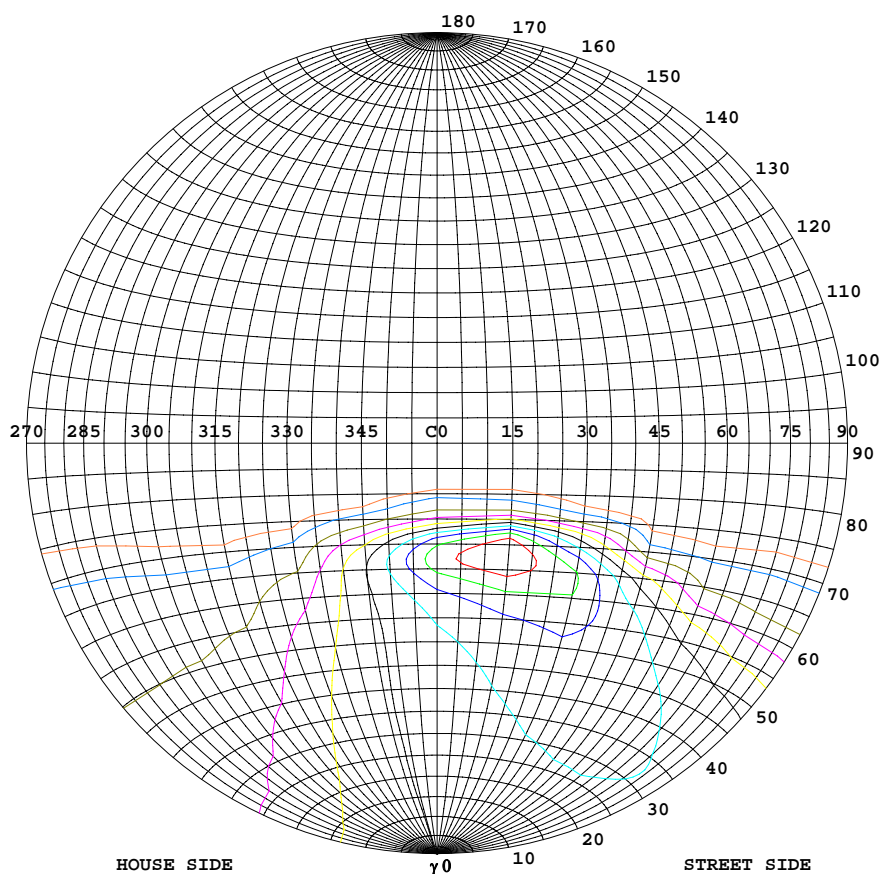


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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:0.5636A P:120.3W PF:0.9737 Freq:50.01Hz Lamp Flux:15449.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



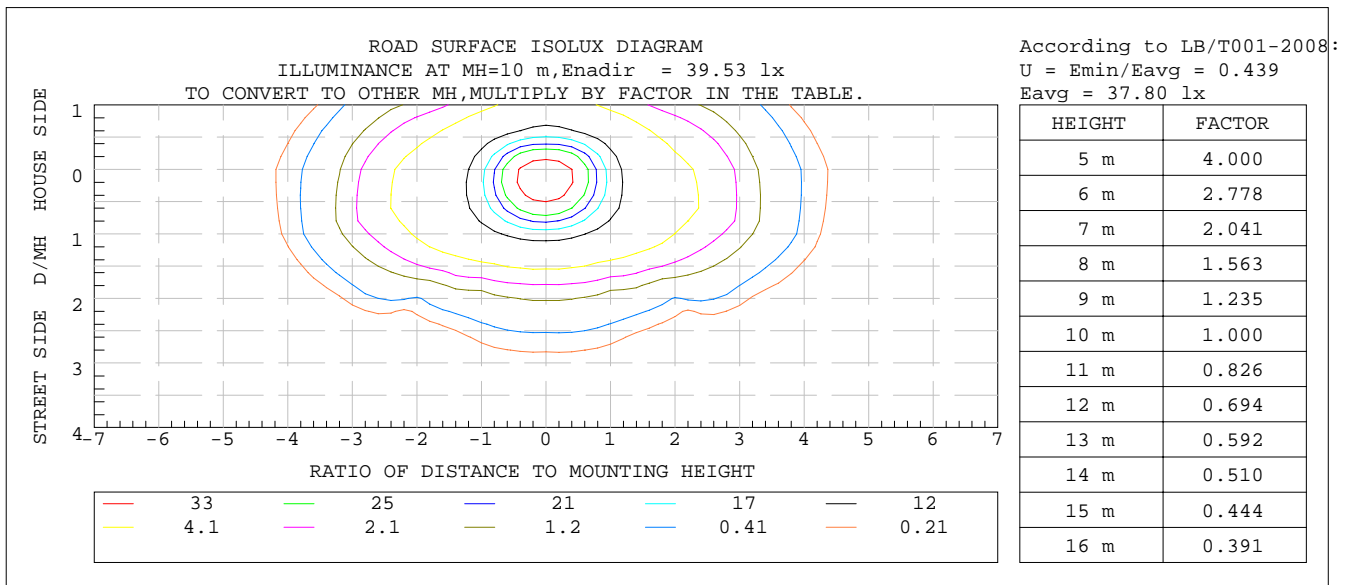
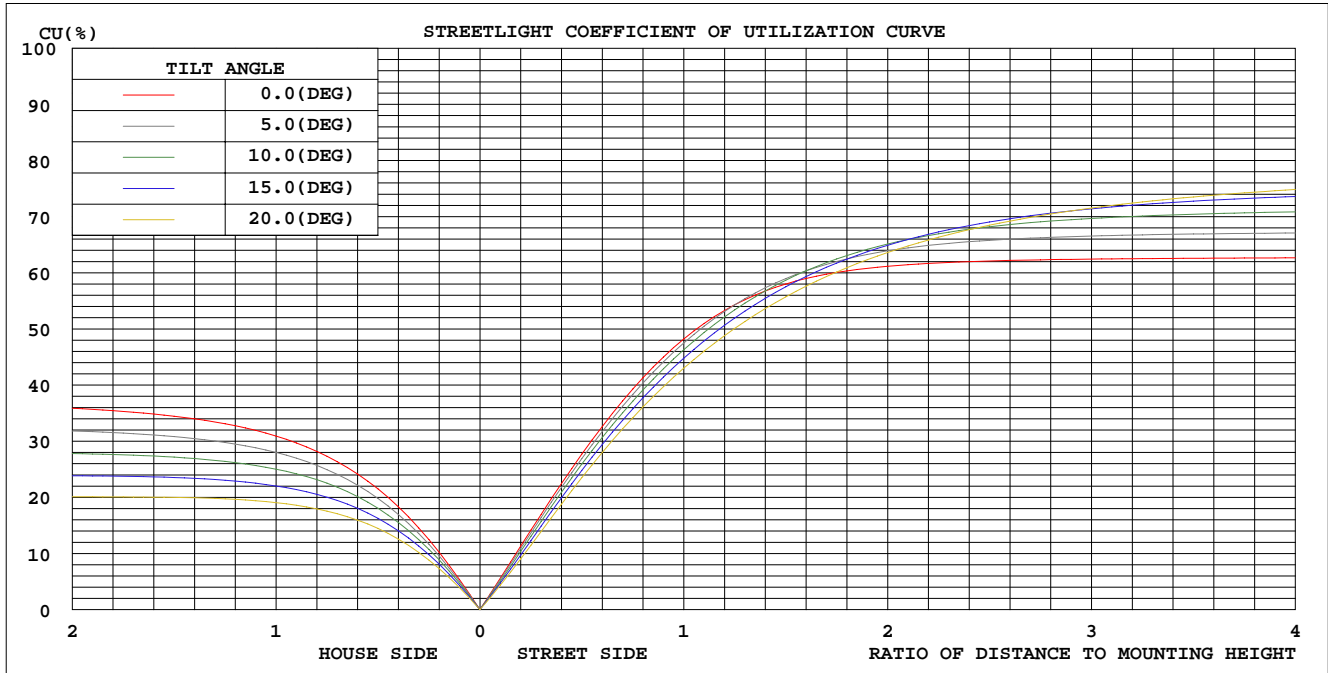
Classification:

IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:49.24cd/klm
Max.At90:0cd/klm
Max.80-90:49.24cd/klm
NRB 5101:Limited[3.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7854
90%	7069
80%	6283
70%	5498
60%	4713
50%	3927
40%	3142
30%	2356
20%	1571
10%	785
5%	393

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

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: 2024-12-12

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:0.5636A P:120.3W PF:0.9737 Freq:50.01Hz Lamp Flux:15449.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

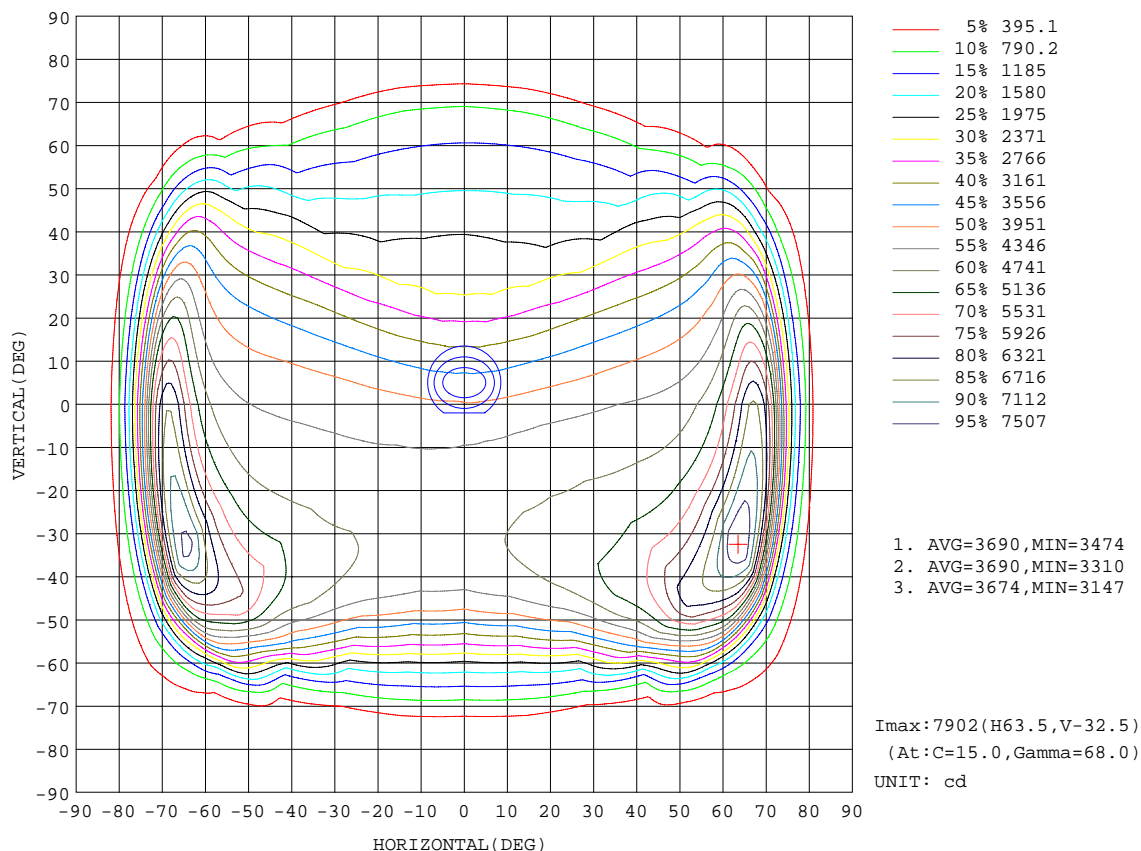
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	4038	4301	4362	4266	3987	3579	3375	3609	0- 10	377.2	377.2	2.44,2.44
20	4153	4552	4565	4486	4075	3217	2699	3243	10- 20	1108	1485	9.61,9.61
30	4255	4747	4668	4629	4176	2846	2221	2858	20- 30	1773	3258	21.1,21.1
40	4349	4966	4495	4794	4239	2414	1958	2381	30- 40	2359	5617	36.4,36.4
50	4526	5172	3642	4928	4316	1940	1563	1887	40- 50	2808	8425	54.5,54.5
60	5310	4546	1896	4270	4827	1326	1220	1294	50- 60	2988	11413	73.9,73.9
70	6125	1144	617.4	1178	6439	549.1	727.1	495.1	60- 70	2833	14246	92.2,92.2
80	542.9	123.0	111.2	132.3	760.8	93.69	85.65	83.26	70- 80	1139	15385	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	64.56	15450	100,100
100	0	0	0	0	0	0	0	0	90-100	0	15450	100,100
110	0	0	0	0	0	0	0	0	100-110	0	15450	100,100
120	0	0	0	0	0	0	0	0	110-120	0	15450	100,100
130	0	0	0	0	0	0	0	0	120-130	0	15450	100,100
140	0	0	0	0	0	0	0	0	130-140	0	15450	100,100
150	0	0	0	0	0	0	0	0	140-150	0	15450	100,100
160	0	0	0	0	0	0	0	0	150-160	0	15450	100,100
170	0	0	0	0	0	0	0	0	160-170	0	15450	100,100
180	0	0	0	0	0	0	0	0	170-180	0	15450	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:2024-12-12

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

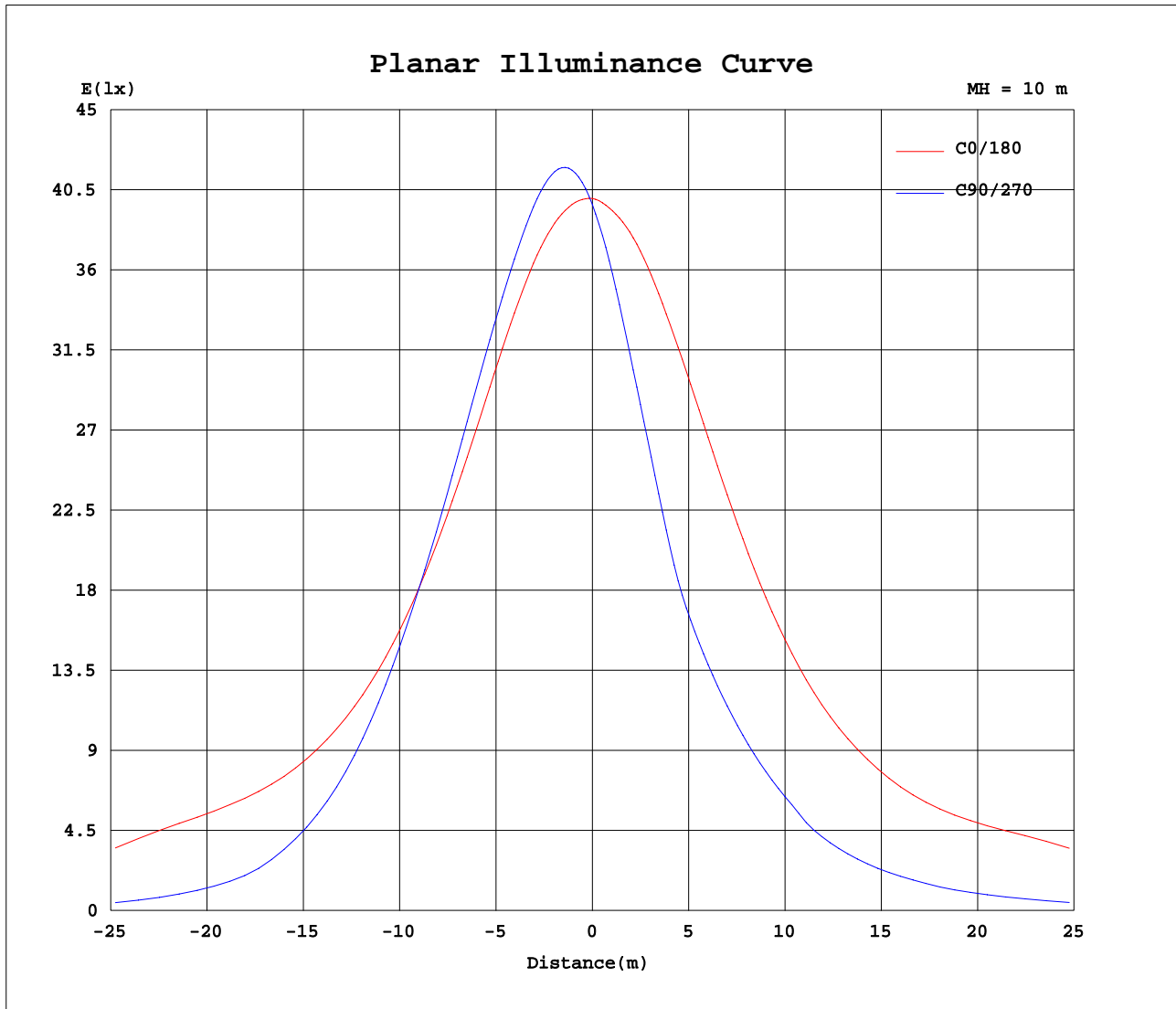
Test:U:219.2V I:0.5636A P:120.3W PF:0.9737 Freq:50.01Hz Lamp Flux:15449.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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

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



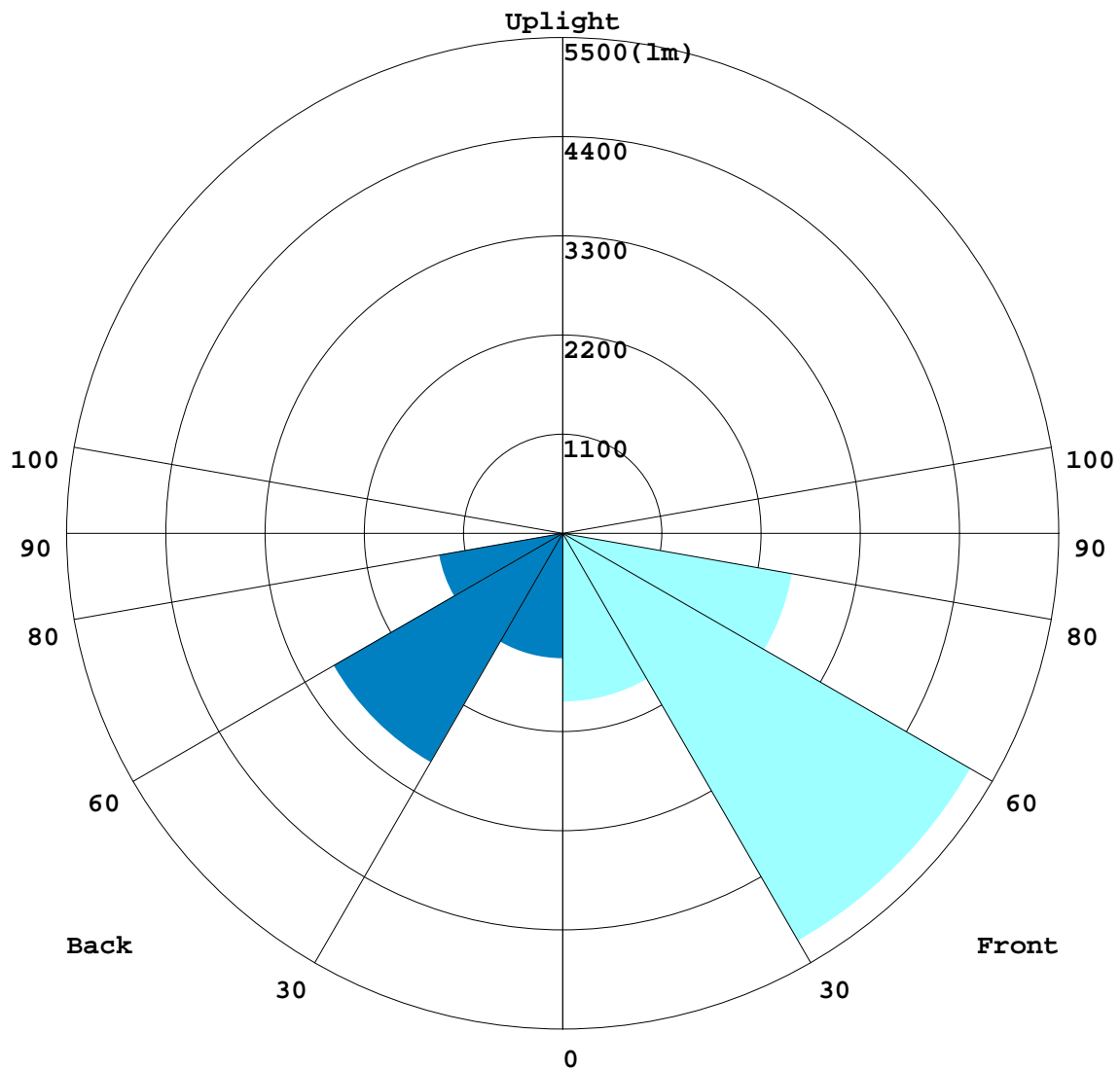
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-12

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:0.5636A P:120.3W PF:0.9737 Freq:50.01Hz Lamp Flux:15449.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T211-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:2024-12-12

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:0.5636A P:120.3W PF:0.9737 Freq:50.01Hz Lamp Flux:15449.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T211-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)	1868.5	12.1
FM - Front-Medium(30-60)	5222.7	33.8
FH - Front-High(60-80)	2583.1	16.7
FVH - Front-Very High(80-90)	38.714	0.3
Total Forward Light	9713.1	62.9

BL - Back-Low(0-30)	1389	9.0
BM - Back-Medium(30-60)	2932.5	19.0
BH - Back-High(60-80)	1389.4	9.0
BVH - Back-Very High(80-90)	25.847	0.2
Total Back Light	5736.8	37.1

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
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5736.8	0	5736.8
Street Side	9713.1	0	9713.1

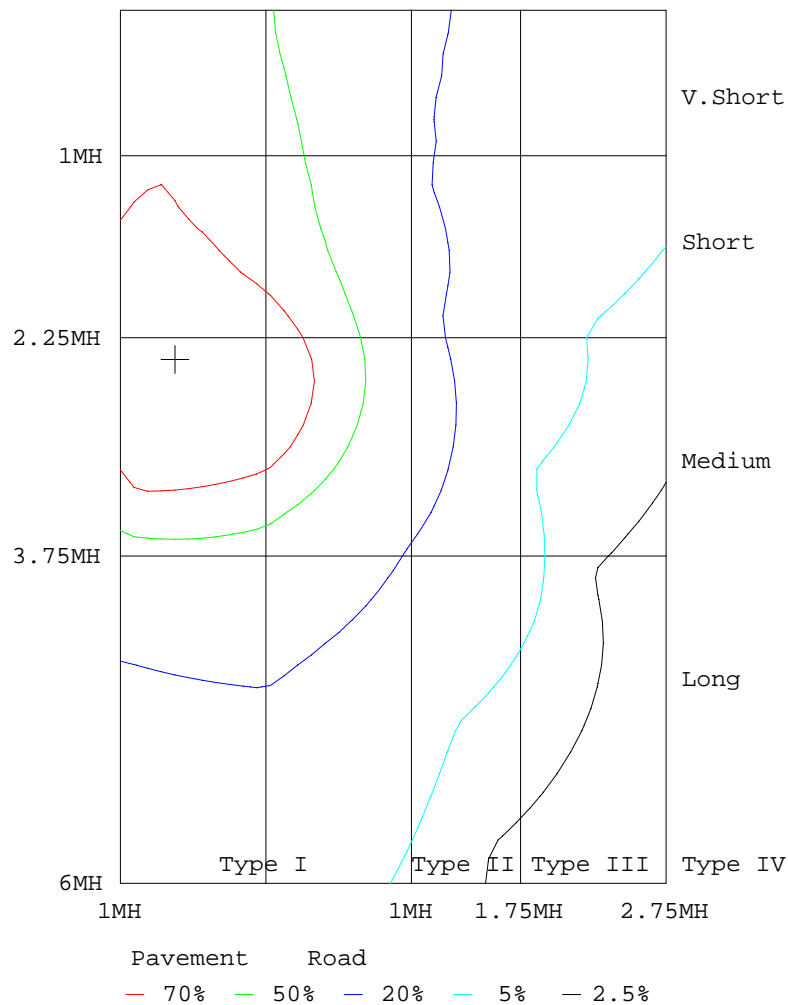
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-12

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:0.5636A P:120.3W PF:0.9737 Freq:50.01Hz Lamp Flux:15449.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T211-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:2024-12-12

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:0.5636A P:120.3W PF:0.9737 Freq:50.01Hz Lamp Flux:15449.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T211-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	3966	3966	3966	3966	3966	3966	3966	3966	3966	3966	3966	3966	3966	3966	3966	3966	3966	3966	3966
5	3991	4052	4102	4145	4172	4191	4190	4183	4158	4124	4078	4022	3959	3896	3831	3772	3728	3699	3693
10	4038	4149	4236	4301	4338	4361	4362	4350	4313	4266	4194	4103	3987	3859	3717	3579	3466	3391	3375
15	4098	4253	4363	4435	4468	4488	4483	4472	4434	4387	4307	4190	4031	3843	3618	3397	3211	3082	3048
20	4153	4348	4474	4552	4578	4581	4565	4553	4527	4486	4398	4269	4075	3831	3527	3217	2949	2757	2699
25	4207	4433	4570	4654	4672	4662	4630	4616	4596	4564	4479	4346	4126	3829	3443	3035	2678	2434	2382
30	4255	4513	4664	4747	4752	4719	4668	4659	4657	4629	4551	4411	4176	3827	3358	2846	2426	2242	2221
35	4300	4585	4760	4847	4818	4721	4635	4653	4699	4708	4620	4471	4213	3818	3265	2640	2205	2101	2091
40	4349	4664	4882	4966	4834	4630	4495	4557	4699	4794	4714	4534	4239	3810	3153	2414	2025	1957	1958
45	4415	4778	5058	5086	4760	4391	4193	4318	4598	4878	4864	4616	4268	3792	3012	2172	1854	1805	1808
50	4526	4971	5318	5172	4482	3896	3642	3826	4311	4928	5088	4747	4316	3762	2837	1940	1669	1552	1563
55	4762	5351	5695	5084	3836	3112	2857	3068	3682	4812	5410	5028	4463	3734	2607	1683	1392	1368	1389
60	5310	6107	6192	4546	2780	2119	1896	2112	2684	4270	5811	5648	4827	3753	2287	1326	1177	1198	1220
65	6441	7405	6288	3423	1505	1303	1231	1322	1511	3164	5823	6868	5902	3902	1819	1023	920	976	1022
70	6125	7555	4561	1144	681	676	617	693	742	1178	4403	7567	6439	3631	1101	549	588	697	727
75	2494	3276	1346	315	241	259	250	264	246	333	1378	3845	3268	1611	348	237	254	324	343
80	543	529	208	123	109	113	111	117	116	132	201	635	761	229	109	93.7	92.5	91.8	85.7
85	55.2	65.9	42.6	32.5	27.0	28.8	26.8	31.4	31.9	38.5	47.4	94.1	92.2	42.2	29.0	23.7	23.4	20.4	20.4
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:2024-12-12

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:0.5636A P:120.3W PF:0.9737 Freq:50.01Hz Lamp Flux:15449.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T211-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	3966	3966	3966	3966	3966														
5	3704	3740	3790	3855	3923														
10	3400	3486	3609	3755	3904														
15	3088	3228	3429	3667	3898														
20	2755	2958	3243	3575	3894														
25	2440	2690	3055	3482	3886														
30	2231	2424	2858	3395	3882														
35	2080	2181	2628	3286	3883														
40	1944	1993	2381	3155	3876														
45	1806	1824	2127	3005	3859														
50	1571	1655	1887	2805	3842														
55	1401	1415	1627	2542	3839														
60	1223	1212	1294	2179	3884														
65	990	929	994	1626	3975														
70	675	566	495	938	3148														
75	308	240	216	283	1139														
80	86.7	85.7	83.3	93.8	148														
85	19.2	20.3	19.1	22.6	31.1														
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:2024-12-12

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: