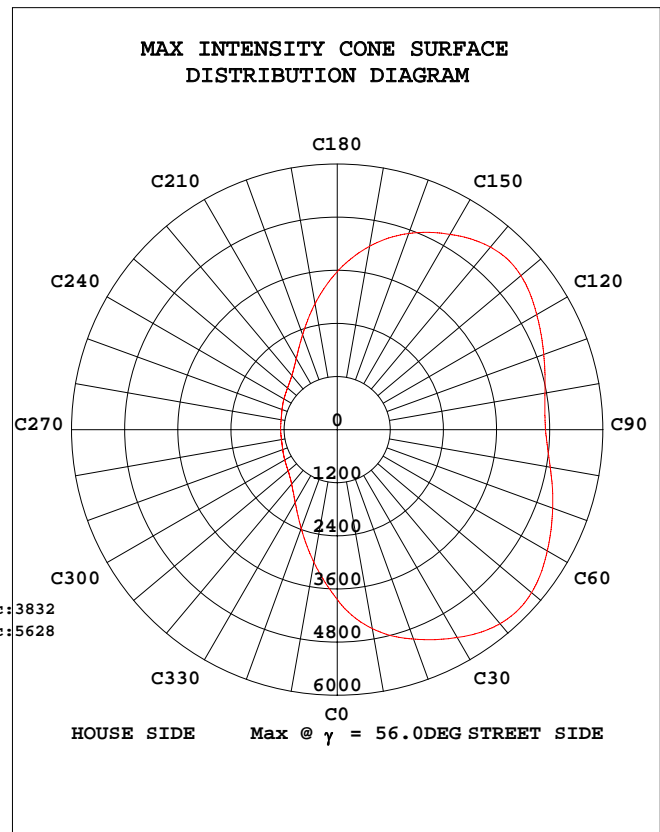
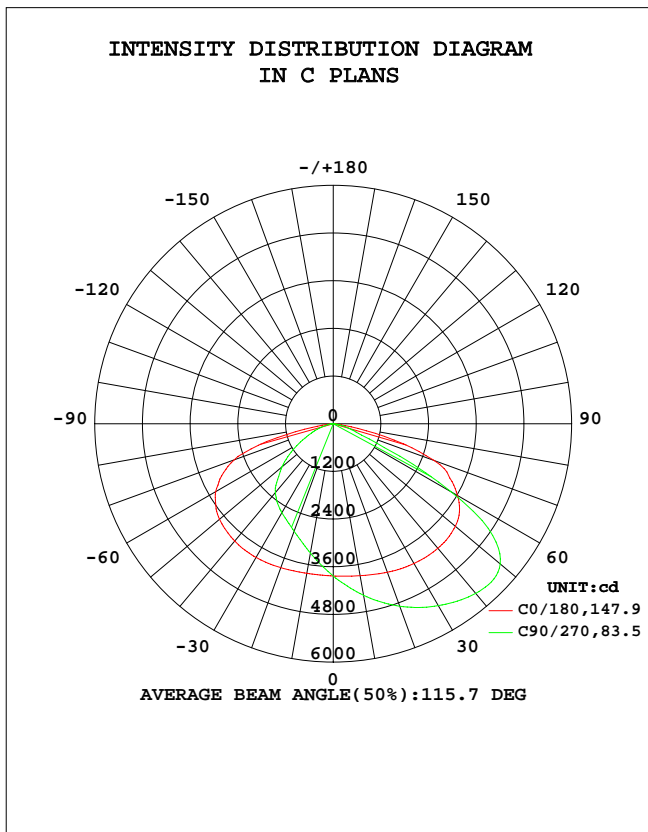


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.5175A P:110.0W PF:0.9694 Freq:50.01Hz Lamp Flux:15525.9x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 141.13 lm/W			
MODEL	3030	I _{max} (cd)	5769	η street_up(%)	0.0
NOMINAL POWER(W)	110	LOR(%)	100.0	η street_down(%)	68.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	15526	η house_up(%)	0.0
NOMINAL FLUX(lm)	15525.9	MAXIMUM @(C,γ)	45,56.0	η house_down(%)	31.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.241

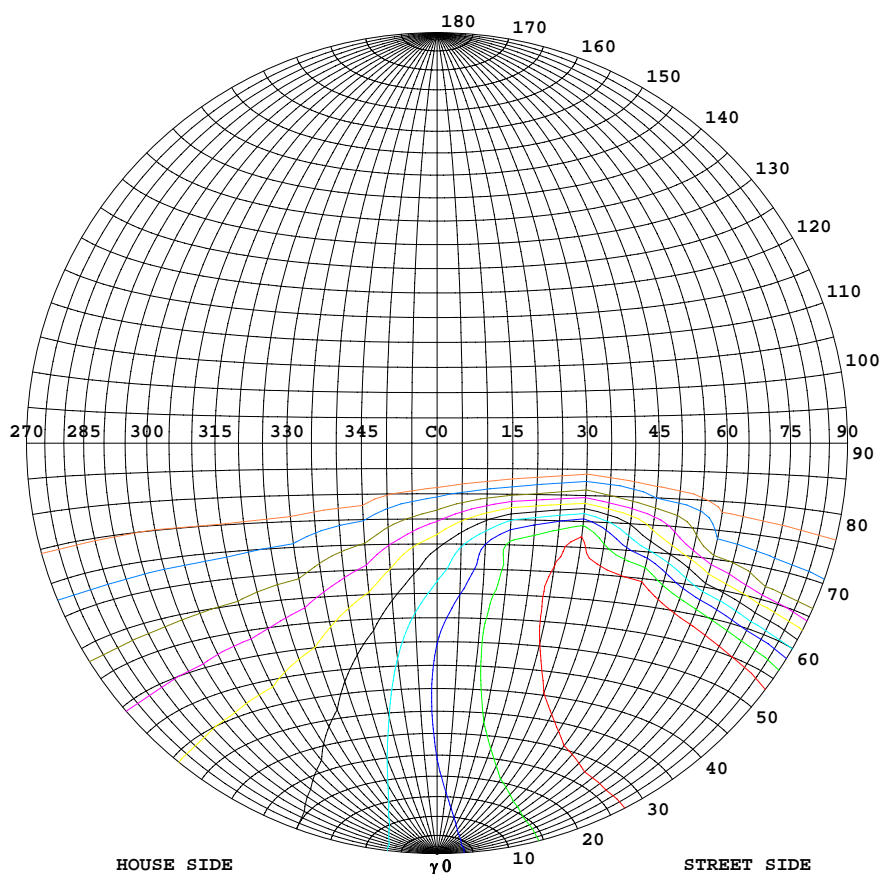


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

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:0.5175A P:110.0W PF:0.9694 Freq:50.01Hz Lamp Flux:15525.9x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



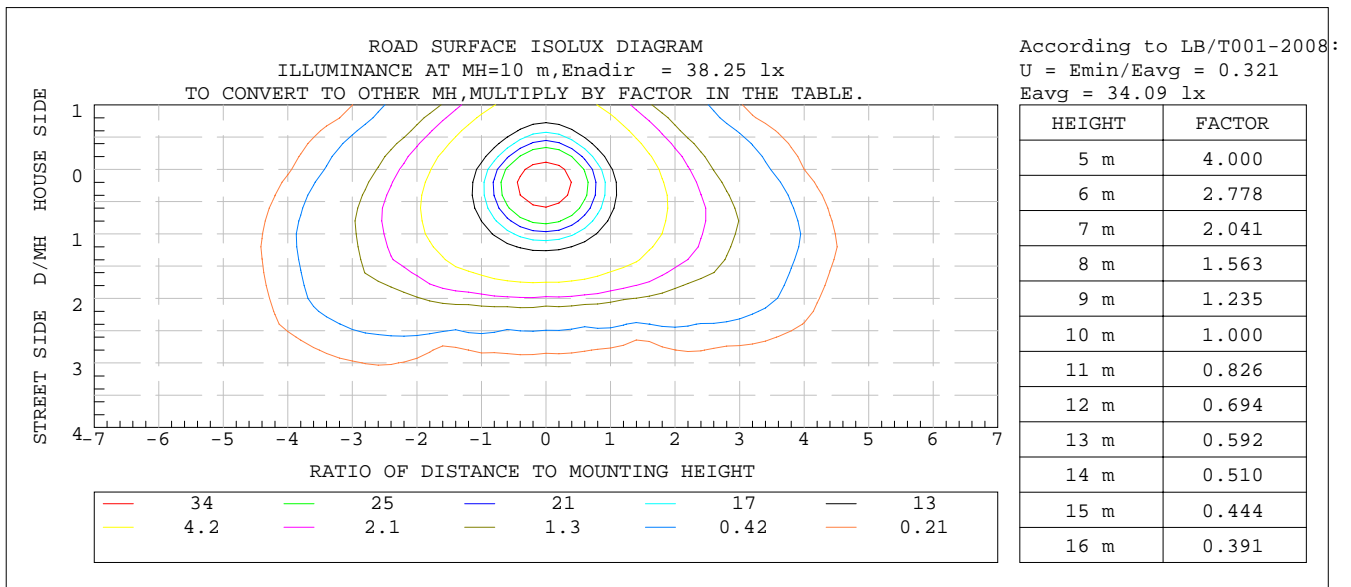
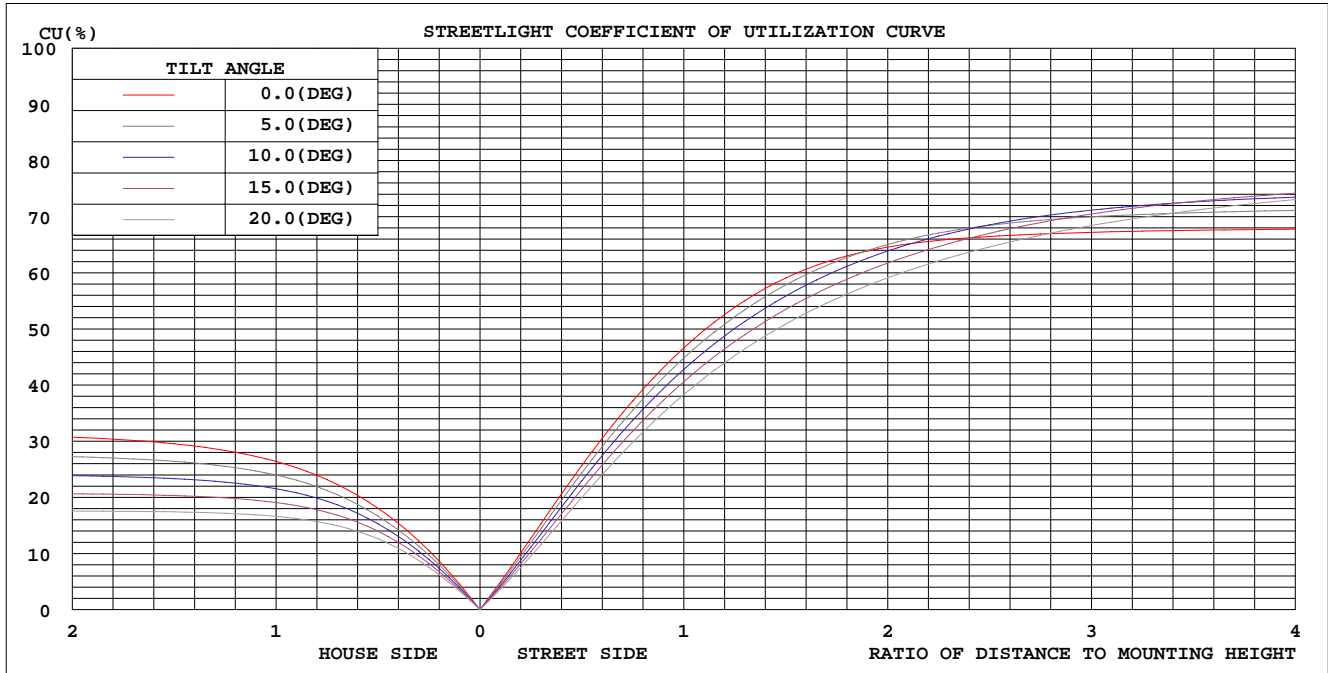
Classification:

IES:Type III - Short
CIE:Broad - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:98.25cd/klm
Max.At90:0cd/klm
Max.80-90:98.25cd/klm
NRB 5101:Semi limited[21.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5769
90%	5193
80%	4616
70%	4039
60%	3462
50%	2885
40%	2308
30%	1731
20%	1154
10%	577
5%	288

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:0.5175A P:110.0W PF:0.9694 Freq:50.01Hz Lamp Flux:15525.9x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

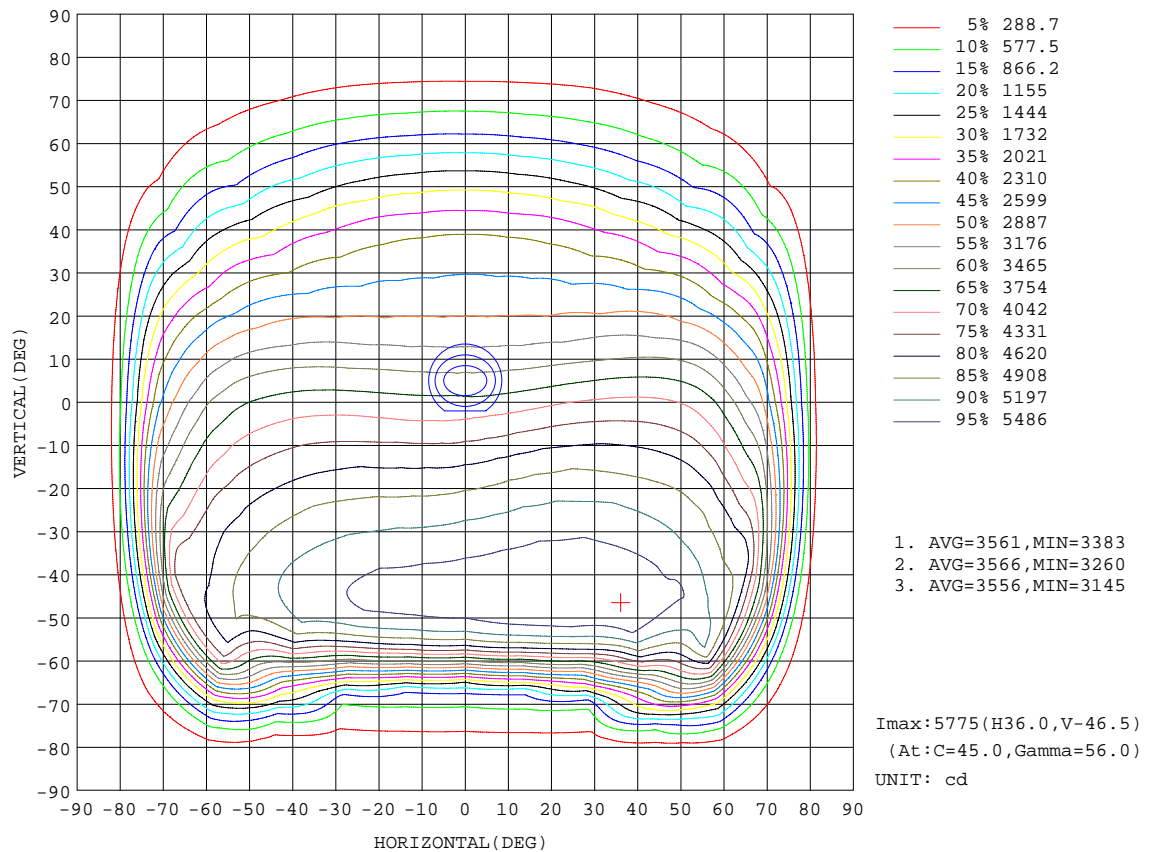
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	3883	4267	4381	4211	3823	3446	3307	3473	0- 10	366.4	366.4	2.36,2.36
20	3978	4765	4886	4600	3855	3100	2882	3127	10- 20	1099	1465	9.44,9.44
30	4061	5162	5287	4939	3886	2780	2586	2816	20- 30	1815	3280	21.1,21.1
40	4095	5460	5573	5216	3856	2431	2267	2466	30- 40	2473	5753	37.1,37.1
50	4012	5694	5484	5428	3738	1973	1683	1982	40- 50	2978	8731	56.2,56.2
60	3608	5665	3421	5242	3414	1231	1007	1209	50- 60	3106	11837	76.2,76.2
70	2693	3590	613.6	2815	2644	557.4	471.4	520.2	60- 70	2388	14225	91.6,91.6
80	460.7	567.7	149.5	365.4	541.3	126.6	114.3	128.4	70- 80	1183	15407	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	118.4	15526	100,100
100	0	0	0	0	0	0	0	0	90-100	0	15526	100,100
110	0	0	0	0	0	0	0	0	100-110	0	15526	100,100
120	0	0	0	0	0	0	0	0	110-120	0	15526	100,100
130	0	0	0	0	0	0	0	0	120-130	0	15526	100,100
140	0	0	0	0	0	0	0	0	130-140	0	15526	100,100
150	0	0	0	0	0	0	0	0	140-150	0	15526	100,100
160	0	0	0	0	0	0	0	0	150-160	0	15526	100,100
170	0	0	0	0	0	0	0	0	160-170	0	15526	100,100
180	0	0	0	0	0	0	0	0	170-180	0	15526	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

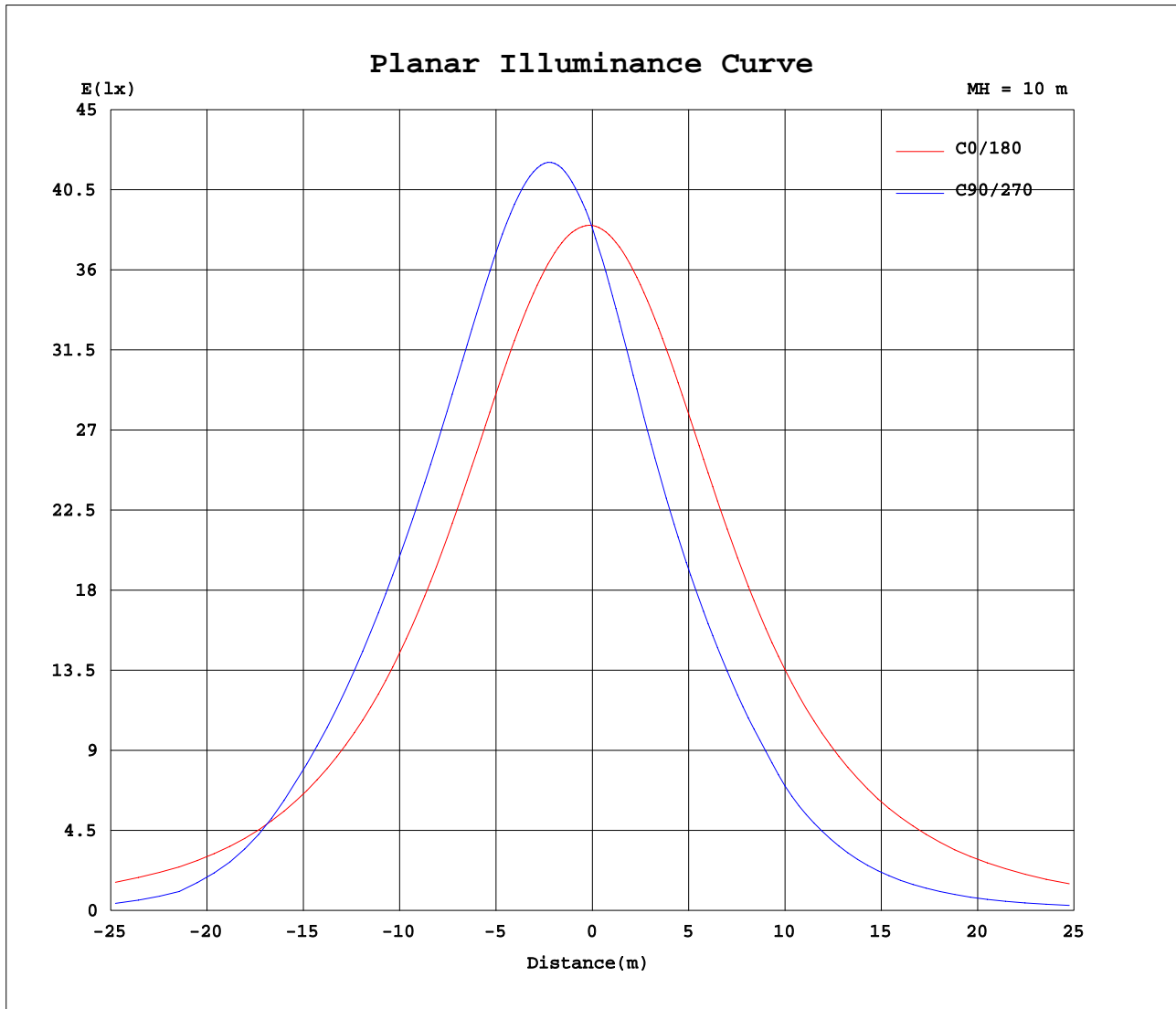
Test:U:219.3V I:0.5175A P:110.0W PF:0.9694 Freq:50.01Hz Lamp Flux:15525.9x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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



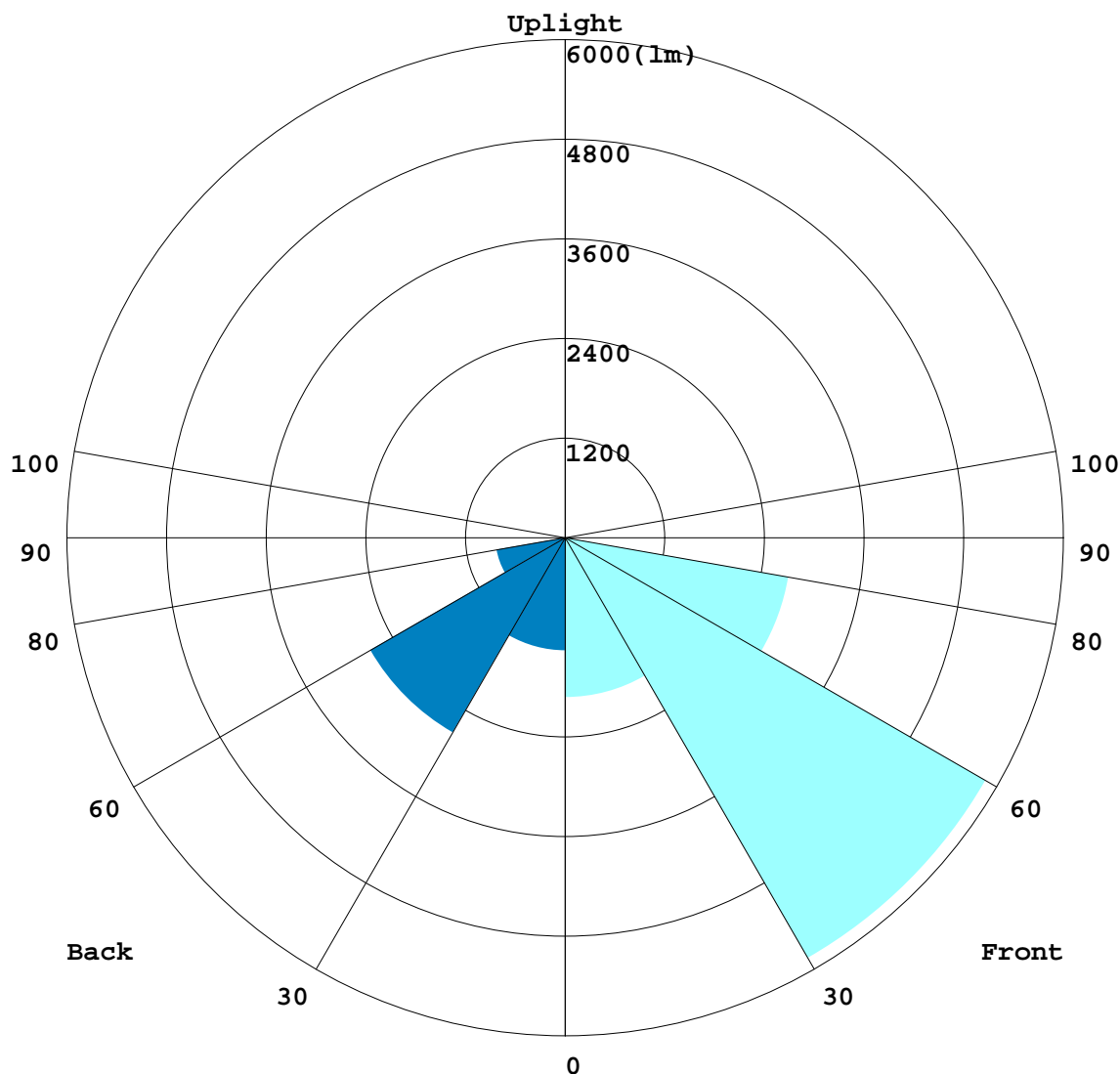
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-26

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:0.5175A P:110.0W PF:0.9694 Freq:50.01Hz Lamp Flux:15525.9x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T321-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:0.5175A P:110.0W PF:0.9694 Freq:50.01Hz Lamp Flux:15525.9x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T321-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)	1921.3	12.4
FM - Front-Medium(30-60)	5847.5	37.7
FH - Front-High(60-80)	2732.1	17.6
FVH - Front-Very High(80-90)	88.484	0.6
Total Forward Light	10589	68.2

BL - Back-Low(0-30)	1359	8.8
BM - Back-Medium(30-60)	2709	17.4
BH - Back-High(60-80)	838.62	5.4
BVH - Back-Very High(80-90)	29.933	0.2
Total Back Light	4936.6	31.8

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	4936.6	0	4936.6
Street Side	10589	0	10589

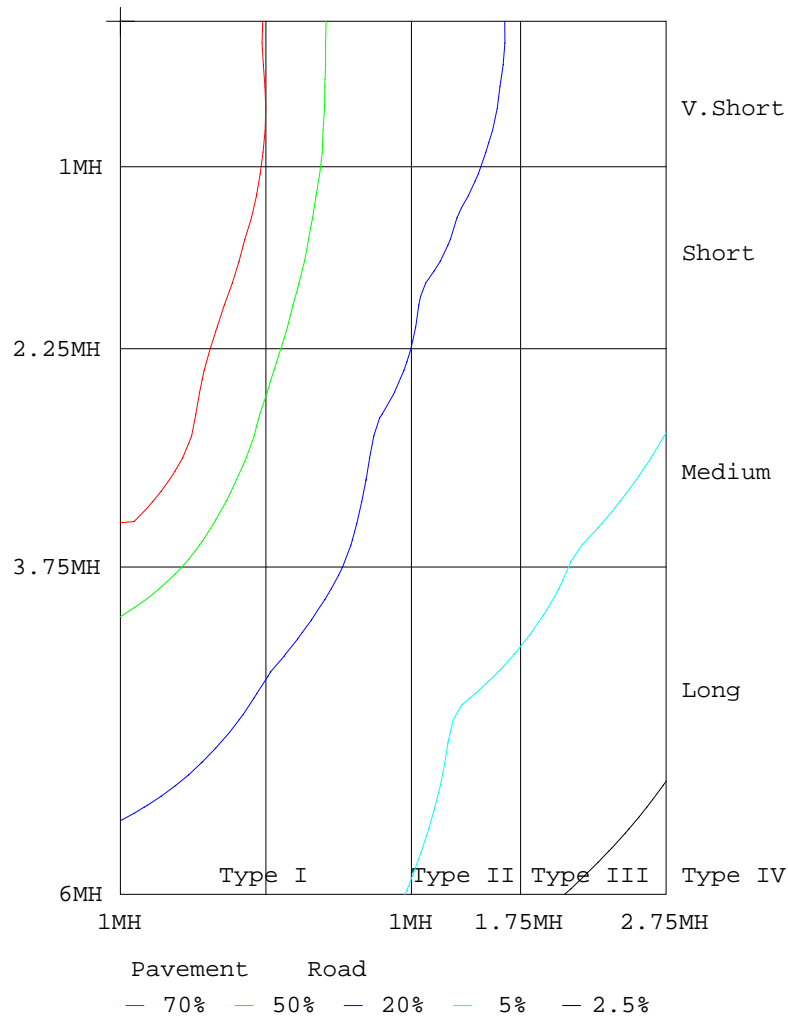
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-26

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:0.5175A P:110.0W PF:0.9694 Freq:50.01Hz Lamp Flux:15525.9x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T321-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:0.5175A P:110.0W PF:0.9694 Freq:50.01Hz Lamp Flux:15525.9x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T321-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	3832	3832	3832	3832	3832	3832	3832	3832	3832	3832	3832	3832	3832	3832	3832	3832	3832	3832	3832
5	3849	3920	3986	4040	4078	4101	4103	4092	4059	4016	3960	3893	3822	3752	3687	3630	3590	3563	3560
10	3883	4027	4163	4267	4341	4380	4381	4353	4292	4211	4102	3965	3823	3681	3553	3446	3368	3319	3307
15	3926	4156	4362	4519	4615	4654	4644	4604	4525	4411	4251	4051	3835	3621	3428	3269	3159	3094	3075
20	3978	4294	4572	4765	4867	4907	4886	4832	4731	4600	4402	4143	3855	3564	3302	3100	2971	2900	2882
25	4026	4427	4763	4981	5088	5127	5103	5041	4924	4775	4550	4239	3875	3498	3172	2936	2800	2731	2721
30	4061	4543	4926	5162	5277	5315	5287	5228	5107	4939	4685	4321	3886	3429	3035	2780	2645	2591	2586
35	4088	4634	5056	5320	5442	5483	5448	5401	5275	5090	4798	4390	3880	3340	2890	2616	2499	2451	2445
40	4095	4709	5165	5460	5594	5624	5573	5542	5430	5216	4893	4443	3856	3227	2720	2431	2329	2280	2267
45	4074	4770	5260	5584	5708	5700	5628	5611	5539	5336	4971	4471	3809	3079	2514	2232	2119	2011	1979
50	4012	4817	5345	5694	5750	5642	5484	5520	5558	5428	5039	4490	3738	2891	2254	1973	1787	1705	1683
55	3876	4830	5411	5766	5565	5199	4901	5029	5309	5459	5087	4495	3607	2639	1926	1607	1459	1374	1349
60	3608	4798	5465	5665	4837	3927	3421	3742	4464	5242	5105	4486	3414	2287	1548	1231	1118	1036	1007
65	3236	4715	5440	5079	3119	2031	1422	1790	2764	4470	5052	4424	3100	1817	1078	873	794	712	694
70	2693	4687	5309	3590	1335	719	614	667	998	2815	4758	4520	2644	1203	677	557	515	478	471
75	1588	3400	4286	2121	473	389	349	373	425	1467	3779	3708	1736	606	358	310	297	278	259
80	461	1055	1525	568	201	167	150	158	181	365	1382	1270	541	194	145	127	132	114	114
85	68.9	97.3	178	85.0	54.3	44.2	37.8	41.0	48.2	71.5	185	108	65.2	44.9	36.1	33.3	35.0	34.0	34.7
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:0.5175A P:110.0W PF:0.9694 Freq:50.01Hz Lamp Flux:15525.9x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T321-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	3832	3832	3832	3832	3832														
5	3570	3601	3646	3707	3776														
10	3330	3383	3473	3591	3729														
15	3102	3172	3299	3474	3688														
20	2909	2984	3127	3353	3644														
25	2743	2818	2962	3223	3595														
30	2605	2667	2816	3088	3532														
35	2460	2519	2652	2949	3459														
40	2288	2345	2466	2790	3353														
45	2008	2126	2252	2584	3217														
50	1700	1777	1982	2319	3029														
55	1362	1444	1591	1977	2759														
60	1019	1086	1209	1563	2365														
65	696	758	835	1048	1851														
70	470	497	520	629	1200														
75	274	293	296	330	550														
80	114	131	128	136	177														
85	34.1	35.6	33.8	35.9	44.1														
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:2024-12-26

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: