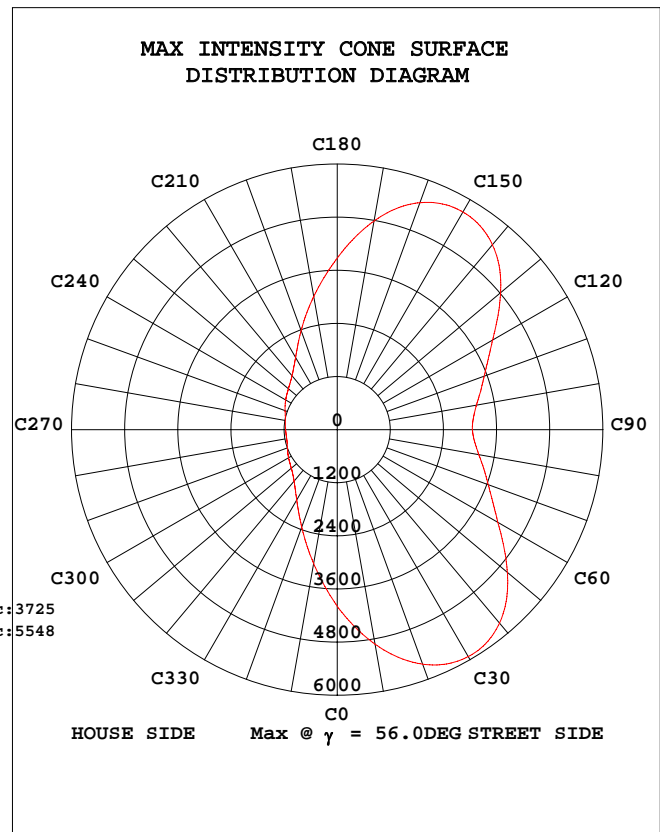
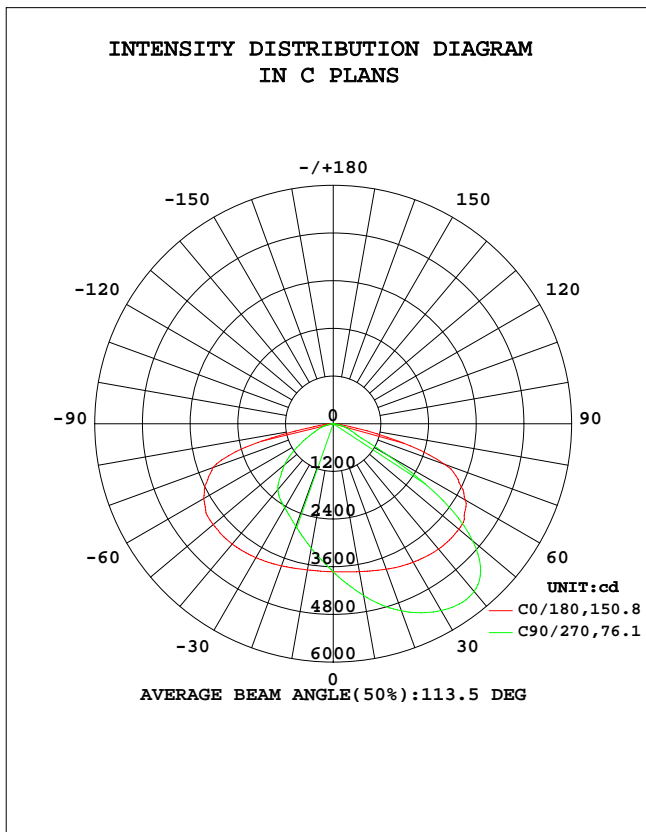


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.4V I:0.4636A P:100.1W PF:0.9839 Freq:50.01Hz Lamp Flux:14696.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-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: 146.87 lm/W			
MODEL	3030	I _{max} (cd)	5918	η street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	67.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	14697	η house_up(%)	0.0
NOMINAL FLUX(lm)	14696.8	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	20.164

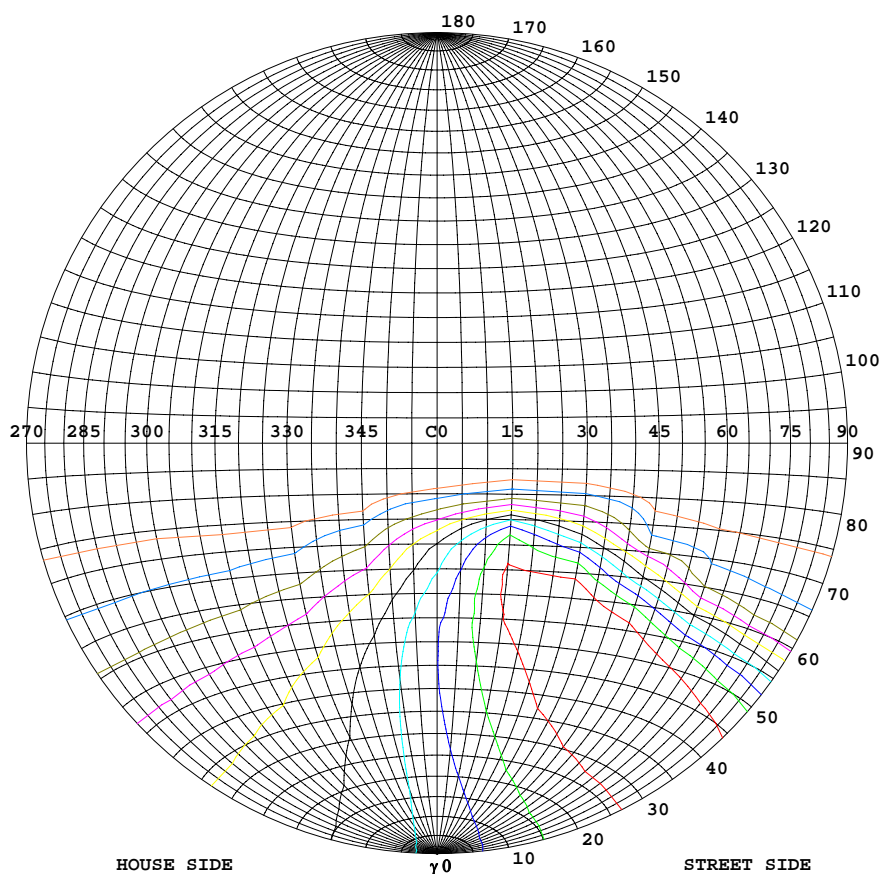


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

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:219.4V I:0.4636A P:100.1W PF:0.9839 Freq:50.01Hz Lamp Flux:14696.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



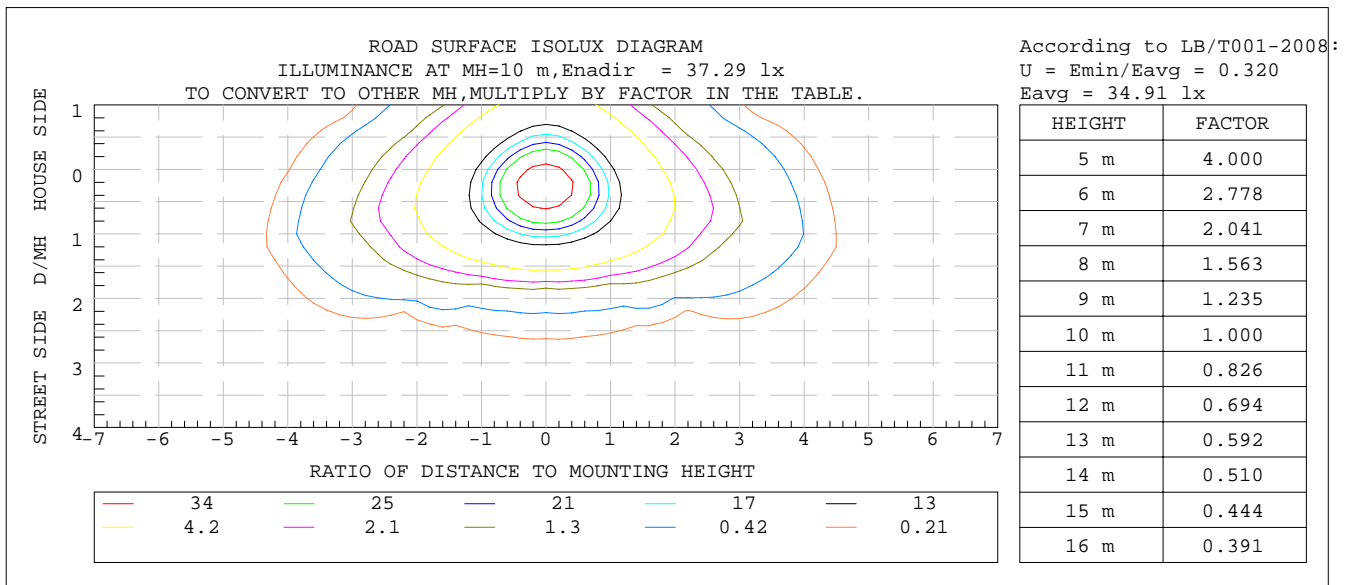
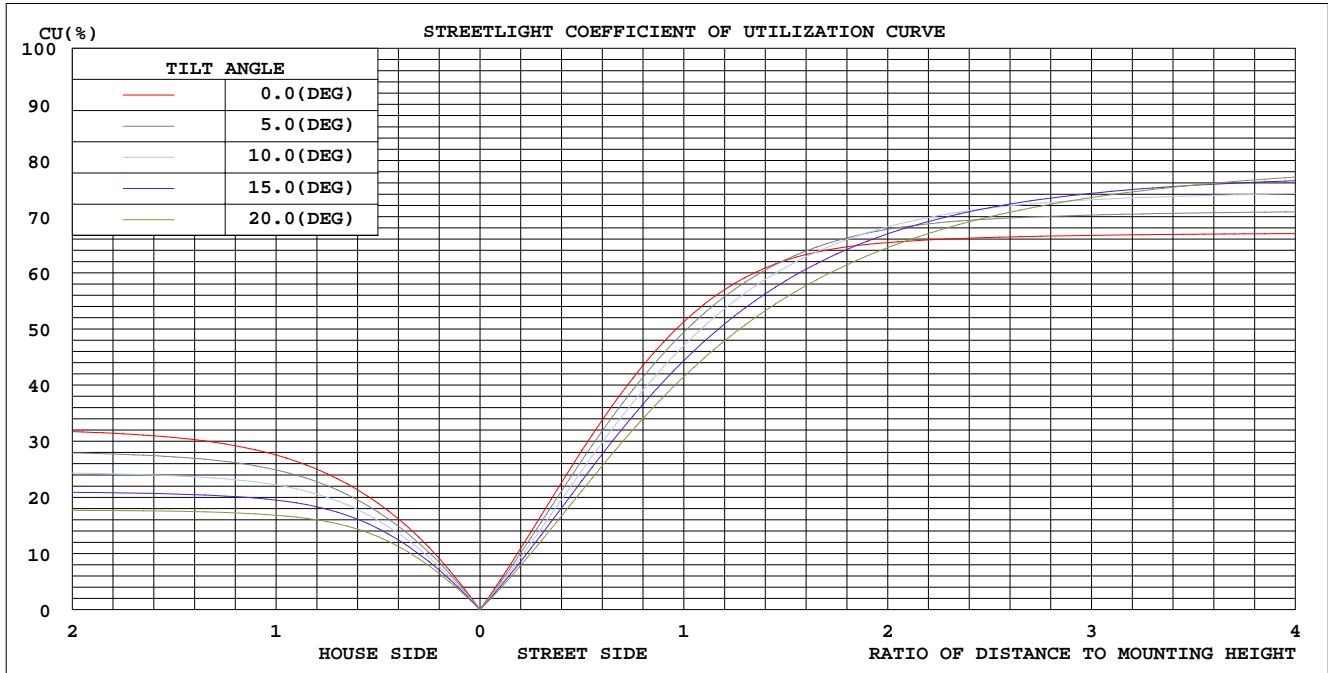
Classification:

IES:Type II - Short
CIE:Average - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:79.23cd/klm
Max.At90:0cd/klm
Max.80-90:79.23cd/klm
NRB 5101:Semi limited[23.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5918
90%	5326
80%	4734
70%	4143
60%	3551
50%	2959
40%	2367
30%	1775
20%	1184
10%	592
5%	296

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:219.4V I:0.4636A P:100.1W PF:0.9839 Freq:50.01Hz Lamp Flux:14696.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

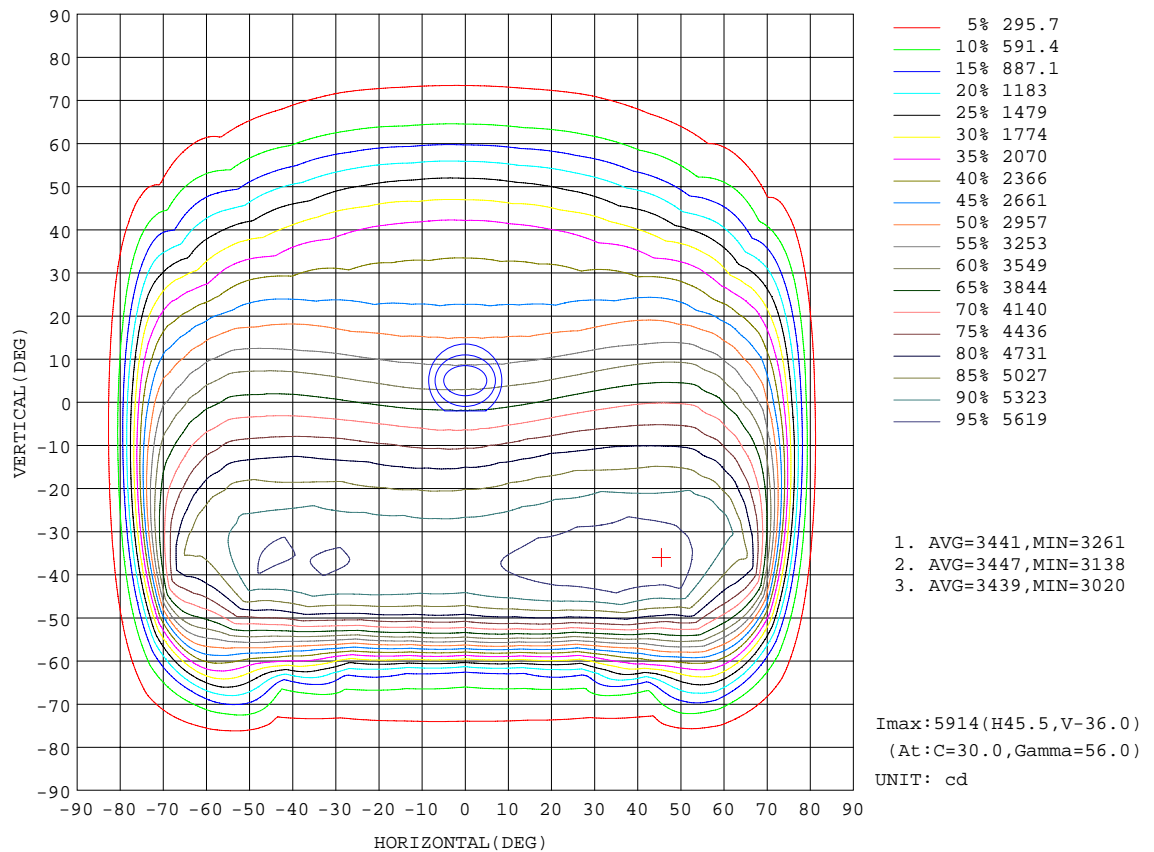
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	3781	4238	4387	4190	3736	3335	3183	3341	0- 10	357.8	357.8	2.43,2.43
20	3896	4825	5009	4699	3807	2995	2751	2994	10- 20	1085	1443	9.82,9.82
30	4025	5312	5430	5165	3893	2681	2443	2674	20- 30	1814	3257	22.2,22.2
40	4120	5695	5512	5537	3954	2367	2170	2358	30- 40	2496	5753	39.1,39.1
50	4127	5839	4581	5630	3945	1949	1598	1895	40- 50	2990	8744	59.5,59.5
60	3832	4642	1593	4432	3767	1196	860.6	1105	50- 60	2921	11665	79.4,79.4
70	2971	1442	429.1	1249	3229	442.6	397.9	408.1	60- 70	2017	13682	93.1,93.1
80	435.8	186.1	105.4	194.1	689.9	128.0	105.6	107.9	70- 80	923.1	14605	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	91.67	14697	100,100
100	0	0	0	0	0	0	0	0	90-100	0	14697	100,100
110	0	0	0	0	0	0	0	0	100-110	0	14697	100,100
120	0	0	0	0	0	0	0	0	110-120	0	14697	100,100
130	0	0	0	0	0	0	0	0	120-130	0	14697	100,100
140	0	0	0	0	0	0	0	0	130-140	0	14697	100,100
150	0	0	0	0	0	0	0	0	140-150	0	14697	100,100
160	0	0	0	0	0	0	0	0	150-160	0	14697	100,100
170	0	0	0	0	0	0	0	0	160-170	0	14697	100,100
180	0	0	0	0	0	0	0	0	170-180	0	14697	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

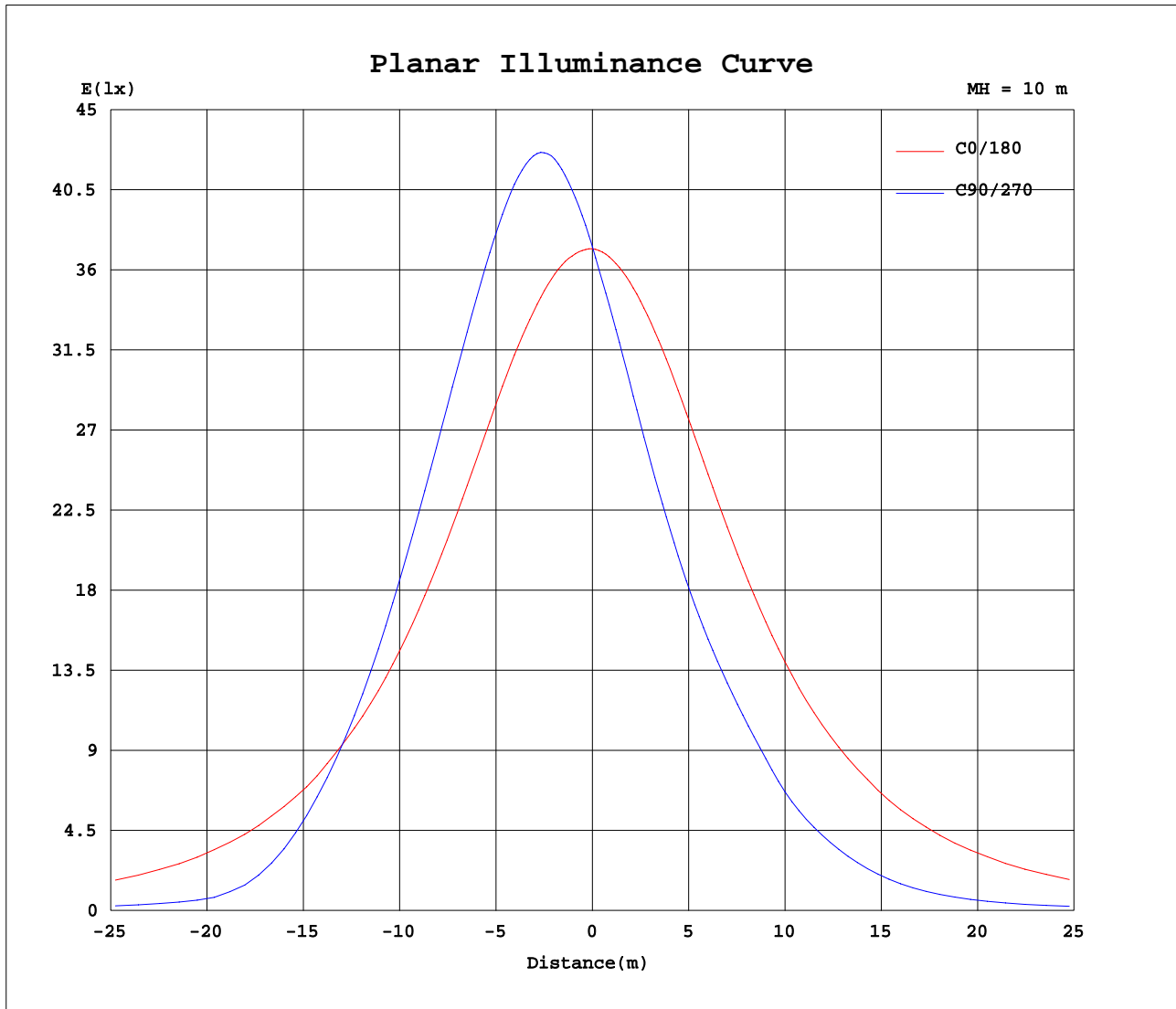
Test:U:219.4V I:0.4636A P:100.1W PF:0.9839 Freq:50.01Hz Lamp Flux:14696.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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



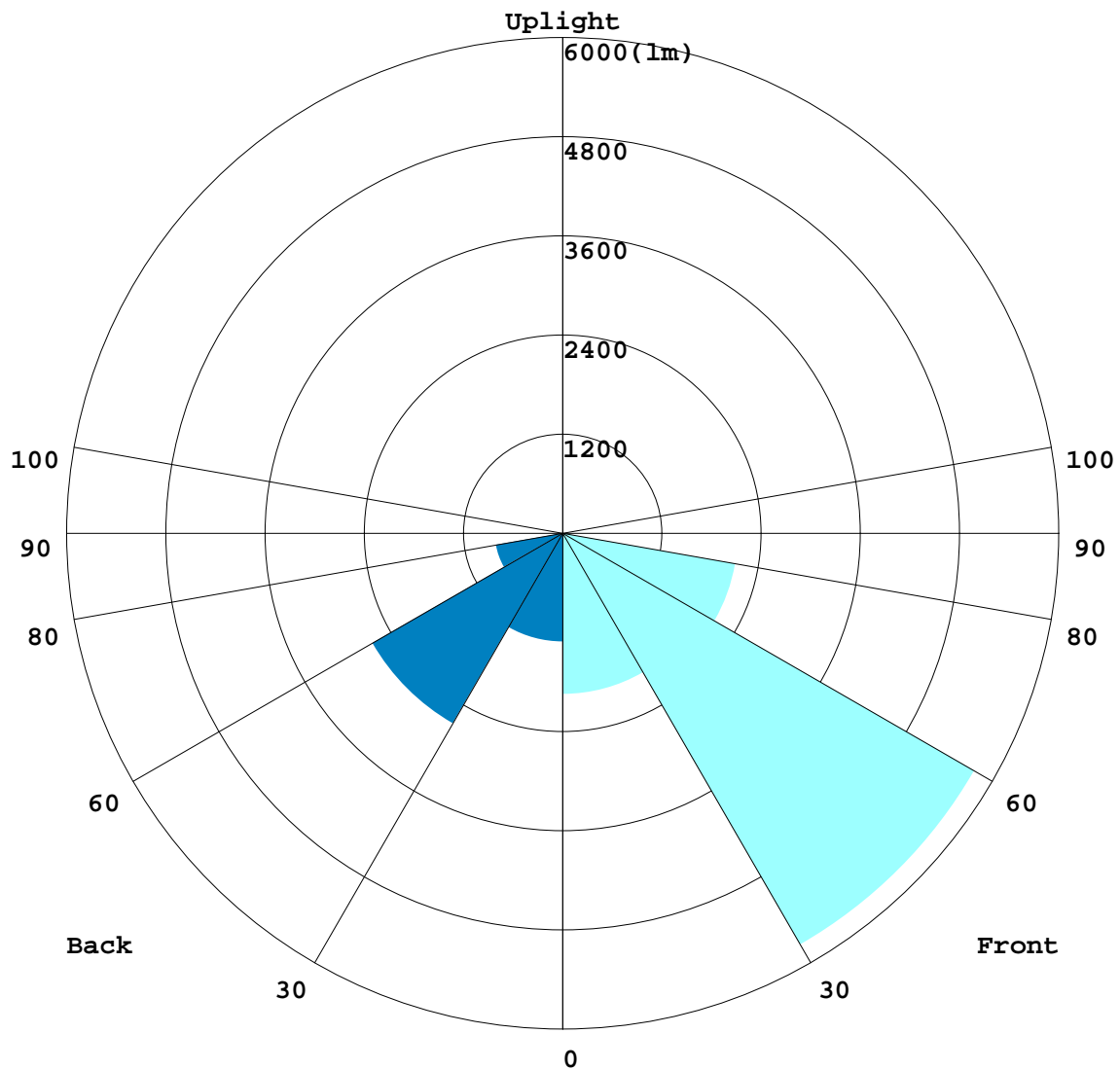
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-26

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:219.4V I:0.4636A P:100.1W PF:0.9839 Freq:50.01Hz Lamp Flux:14696.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-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:219.4V I:0.4636A P:100.1W PF:0.9839 Freq:50.01Hz Lamp Flux:14696.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-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)	1945.1	13.2
FM - Front-Medium(30-60)	5749	39.1
FH - Front-High(60-80)	2121.5	14.4
FVH - Front-Very High(80-90)	60.701	0.4
Total Forward Light	9876.4	67.2

BL - Back-Low(0-30)	1311.8	8.9
BM - Back-Medium(30-60)	2658.7	18.1
BH - Back-High(60-80)	819.04	5.6
BVH - Back-Very High(80-90)	30.969	0.2
Total Back Light	4820.4	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	4820.4	0	4820.4
Street Side	9876.4	0	9876.4

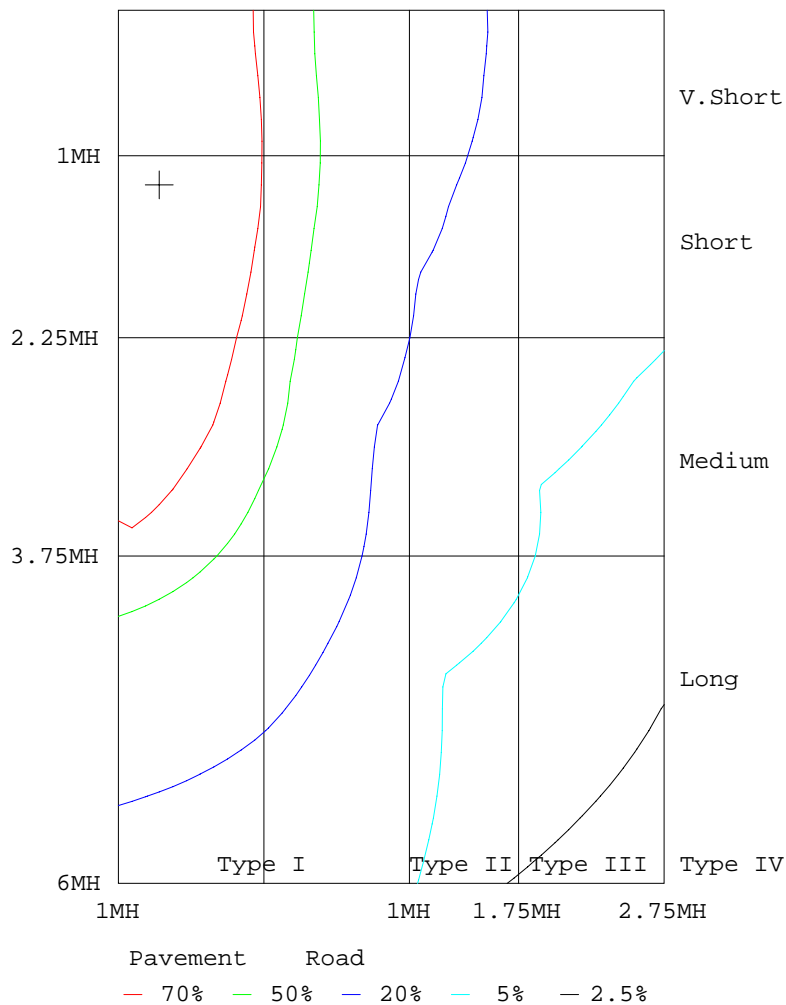
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-26

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:219.4V I:0.4636A P:100.1W PF:0.9839 Freq:50.01Hz Lamp Flux:14696.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-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:219.4V I:0.4636A P:100.1W PF:0.9839 Freq:50.01Hz Lamp Flux:14696.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-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	3726	3726	3726	3726	3726	3726	3726	3726	3726	3726	3726	3726	3726	3726	3726	3726	3726	3726	3726
5	3740	3822	3898	3963	4012	4039	4045	4033	3999	3949	3884	3804	3723	3644	3571	3512	3470	3445	3437
10	3781	3950	4109	4238	4330	4379	4387	4357	4289	4190	4063	3904	3736	3576	3444	3335	3250	3199	3183
15	3831	4100	4353	4541	4662	4716	4721	4676	4585	4449	4261	4023	3765	3526	3328	3162	3042	2972	2950
20	3896	4267	4599	4825	4954	5012	5009	4967	4860	4699	4467	4154	3807	3486	3211	2995	2855	2774	2751
25	3965	4434	4829	5084	5208	5260	5248	5211	5109	4940	4674	4296	3850	3441	3090	2834	2684	2601	2579
30	4025	4589	5044	5312	5424	5456	5430	5407	5326	5165	4879	4434	3893	3392	2967	2681	2527	2459	2443
35	4077	4732	5244	5510	5605	5598	5536	5544	5500	5364	5073	4571	3928	3328	2837	2530	2392	2341	2324
40	4120	4872	5433	5695	5718	5630	5512	5560	5600	5537	5256	4705	3954	3245	2691	2367	2255	2199	2170
45	4136	5015	5619	5832	5679	5444	5247	5349	5540	5656	5429	4834	3960	3131	2507	2192	2063	1933	1884
50	4127	5174	5794	5839	5345	4871	4581	4764	5186	5630	5596	4979	3945	2981	2276	1949	1744	1640	1598
55	4023	5326	5912	5530	4453	3738	3380	3650	4302	5304	5681	5140	3911	2768	1955	1588	1419	1296	1248
60	3832	5436	5774	4642	2890	1962	1593	1928	2805	4432	5548	5208	3767	2410	1569	1196	1022	899	861
65	3492	5397	5139	3071	1211	729	639	732	1188	2951	4894	5221	3520	1922	1066	756	656	584	567
70	2971	5084	3841	1442	548	458	429	461	556	1249	3577	5025	3229	1310	588	443	418	405	398
75	1704	3520	2079	440	306	271	258	276	308	439	2149	3976	2290	621	286	264	269	257	247
80	436	860	656	186	131	112	105	113	135	194	707	1164	690	171	132	128	130	114	106
85	60.3	96.1	102	49.7	33.6	29.0	25.0	28.3	35.8	57.5	127	150	89.9	52.5	43.8	36.1	36.9	32.1	31.3
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:219.4V I:0.4636A P:100.1W PF:0.9839 Freq:50.01Hz Lamp Flux:14696.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-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	3726	3726	3726	3726	3726														
5	3447	3475	3520	3581	3656														
10	3200	3251	3341	3460	3606														
15	2972	3039	3164	3343	3562														
20	2770	2848	2994	3224	3523														
25	2598	2676	2828	3099	3483														
30	2455	2519	2674	2972	3438														
35	2332	2383	2526	2837	3381														
40	2180	2234	2358	2689	3300														
45	1901	2021	2159	2504	3188														
50	1604	1683	1895	2253	3025														
55	1248	1347	1501	1911	2763														
60	866	948	1105	1482	2375														
65	565	615	689	944	1818														
70	396	405	408	501	1125														
75	247	251	241	254	456														
80	108	117	108	111	142														
85	29.2	30.6	28.5	32.7	41.2														
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: