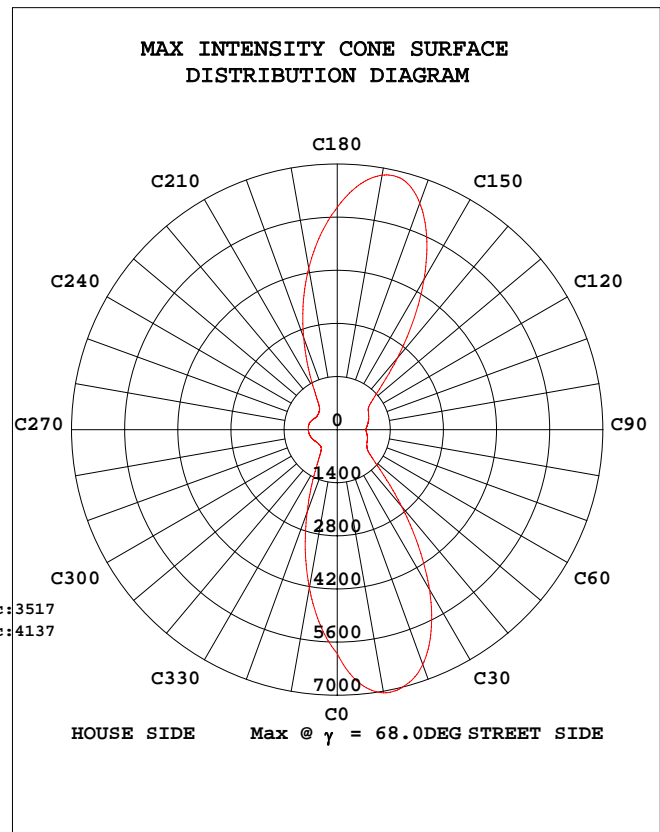
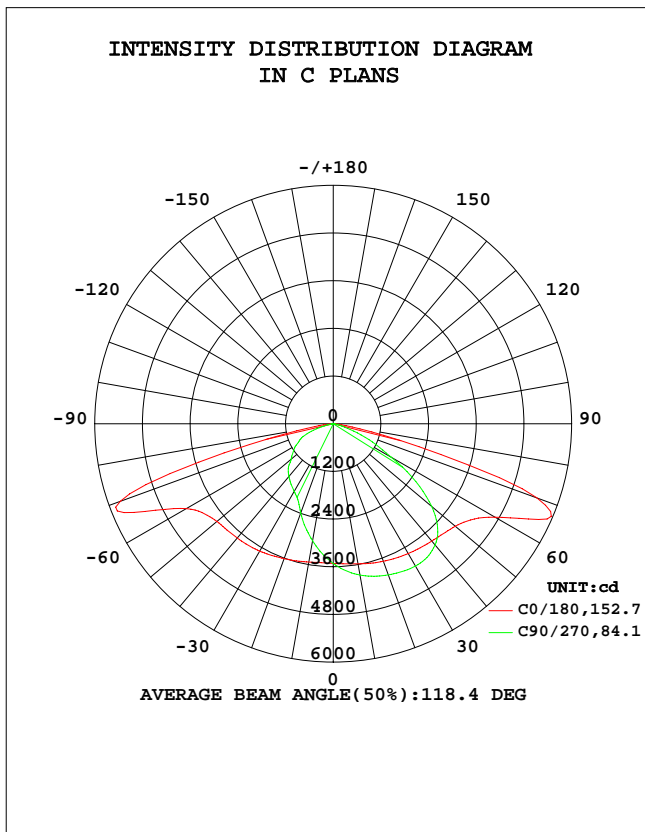


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.4645A P:100.2W PF:0.9842 Freq:50.01Hz Lamp Flux:13698.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-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: 136.70 lm/W			
MODEL	3030	Imax(cd)	6964	η street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	62.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	13698	η house_up(%)	0.0
NOMINAL FLUX(lm)	13698.2	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	20.388

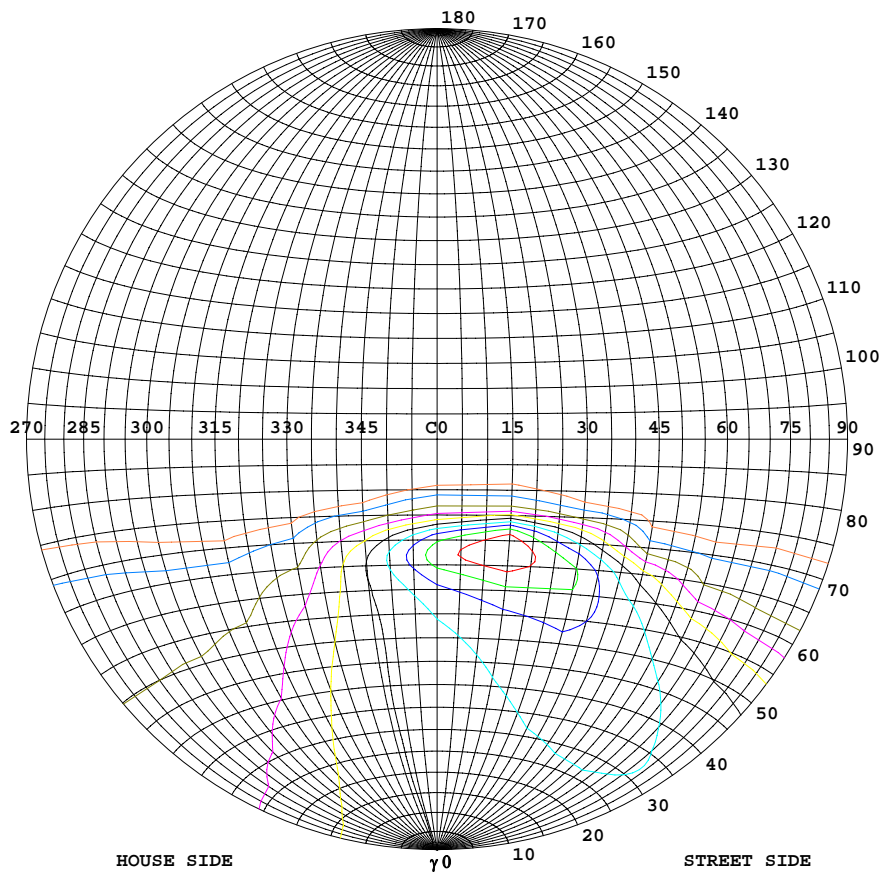


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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:0.4645A P:100.2W PF:0.9842 Freq:50.01Hz Lamp Flux:13698.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



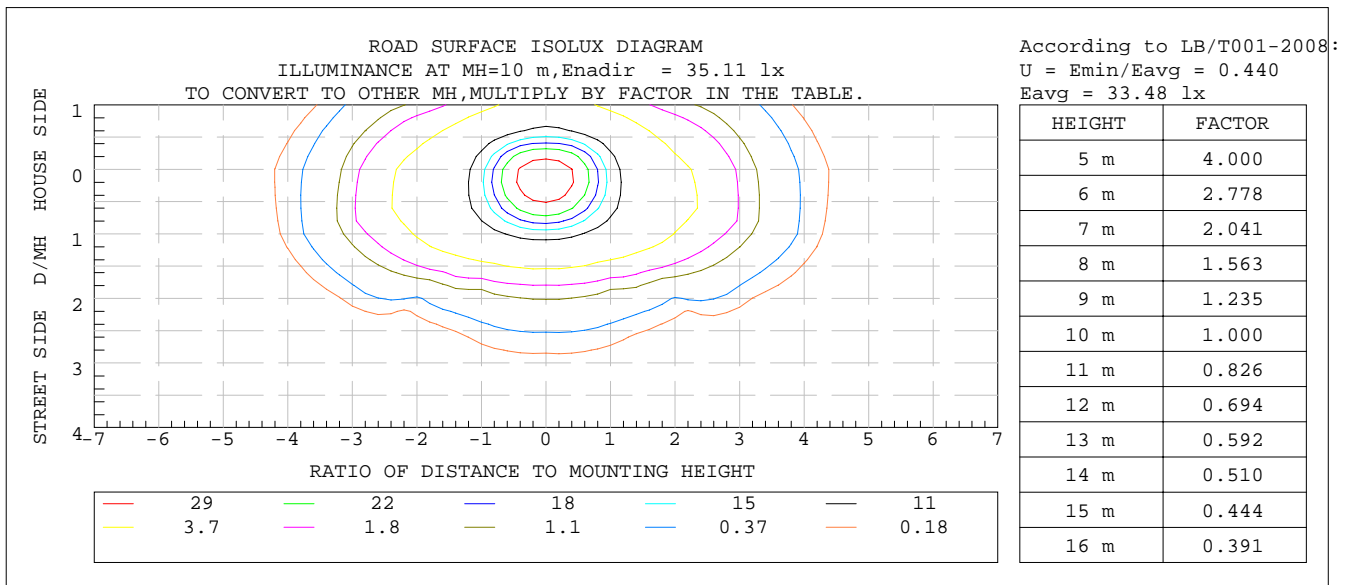
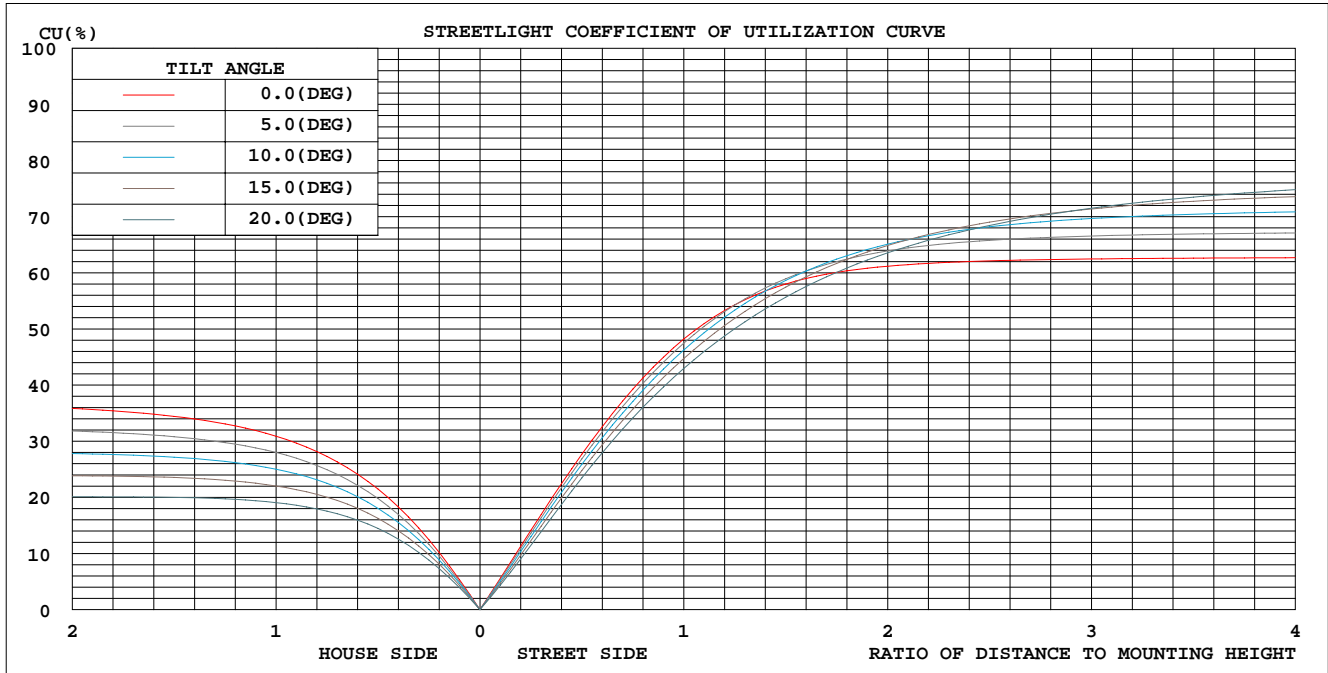
Classification:

IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:49.59cd/klm
Max.At90:0cd/klm
Max.80-90:49.59cd/klm
NRB 5101:Limited[3.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6964
90%	6268
80%	5571
70%	4875
60%	4178
50%	3482
40%	2786
30%	2089
20%	1393
10%	696
5%	348

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:0.4645A P:100.2W PF:0.9842 Freq:50.01Hz Lamp Flux:13698.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

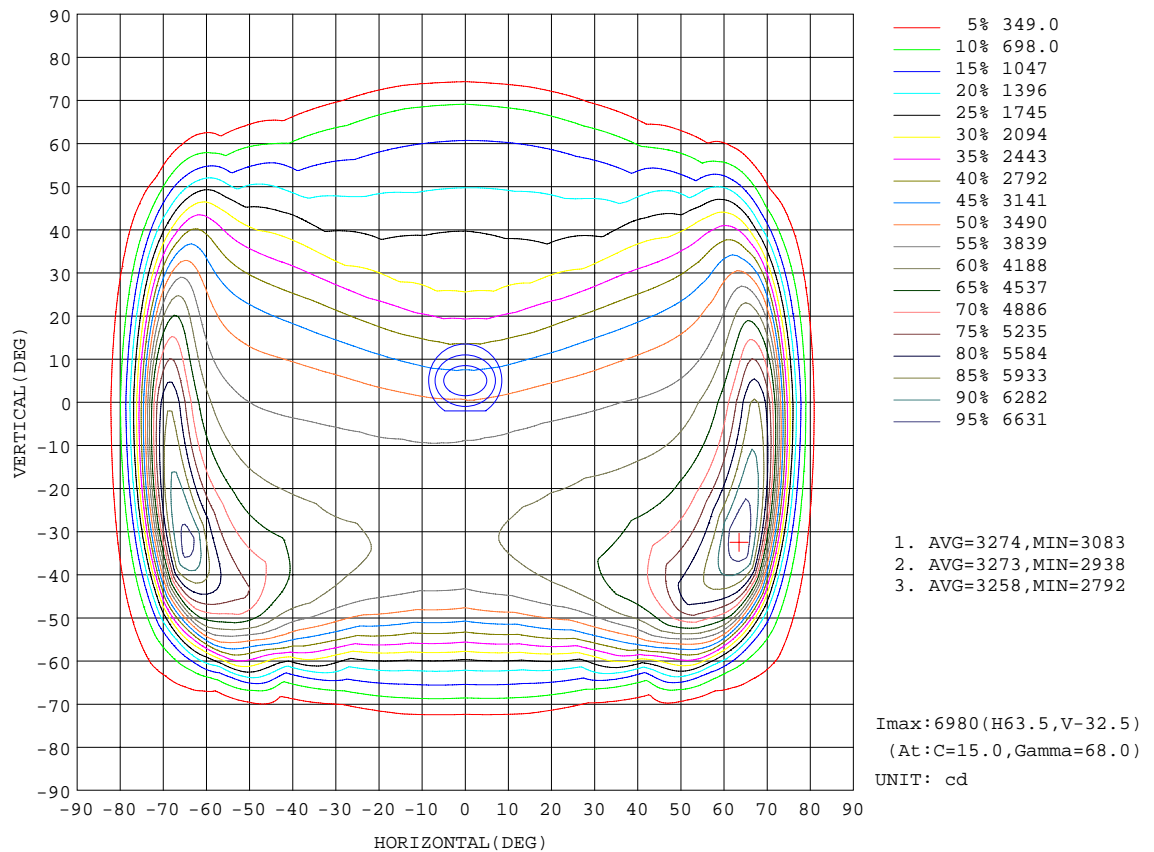
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	3581	3813	3866	3781	3536	3174	2993	3200	0- 10	334.5	334.5	2.44,2.44
20	3683	4036	4048	3977	3613	2851	2394	2875	10- 20	982.1	1317	9.61,9.61
30	3773	4207	4136	4104	3702	2523	1969	2535	20- 30	1572	2888	21.1,21.1
40	3856	4402	3985	4249	3757	2139	1735	2111	30- 40	2091	4979	36.4,36.4
50	4014	4583	3234	4369	3824	1719	1385	1673	40- 50	2489	7468	54.5,54.5
60	4704	4032	1681	3791	4276	1184	1081	1148	50- 60	2648	10117	73.9,73.9
70	5447	1012	549.8	1045	5701	487.4	645.9	438.9	60- 70	2511	12628	92.2,92.2
80	483.7	108.8	100.0	117.5	679.4	82.28	75.94	73.15	70- 80	1013	13640	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	57.77	13698	100,100
100	0	0	0	0	0	0	0	0	90-100	0	13698	100,100
110	0	0	0	0	0	0	0	0	100-110	0	13698	100,100
120	0	0	0	0	0	0	0	0	110-120	0	13698	100,100
130	0	0	0	0	0	0	0	0	120-130	0	13698	100,100
140	0	0	0	0	0	0	0	0	130-140	0	13698	100,100
150	0	0	0	0	0	0	0	0	140-150	0	13698	100,100
160	0	0	0	0	0	0	0	0	150-160	0	13698	100,100
170	0	0	0	0	0	0	0	0	160-170	0	13698	100,100
180	0	0	0	0	0	0	0	0	170-180	0	13698	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

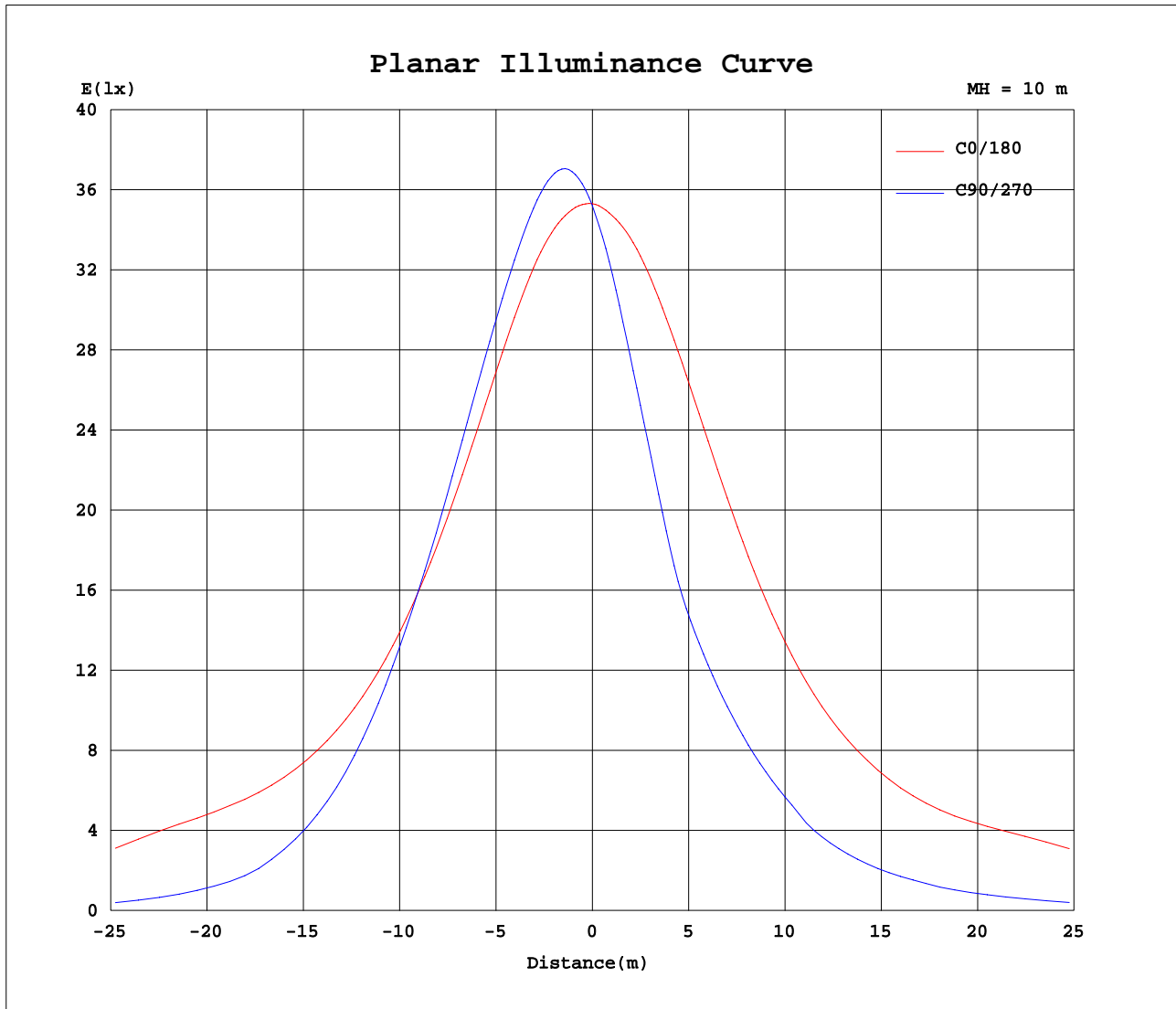
Test:U:219.2V I:0.4645A P:100.2W PF:0.9842 Freq:50.01Hz Lamp Flux:13698.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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



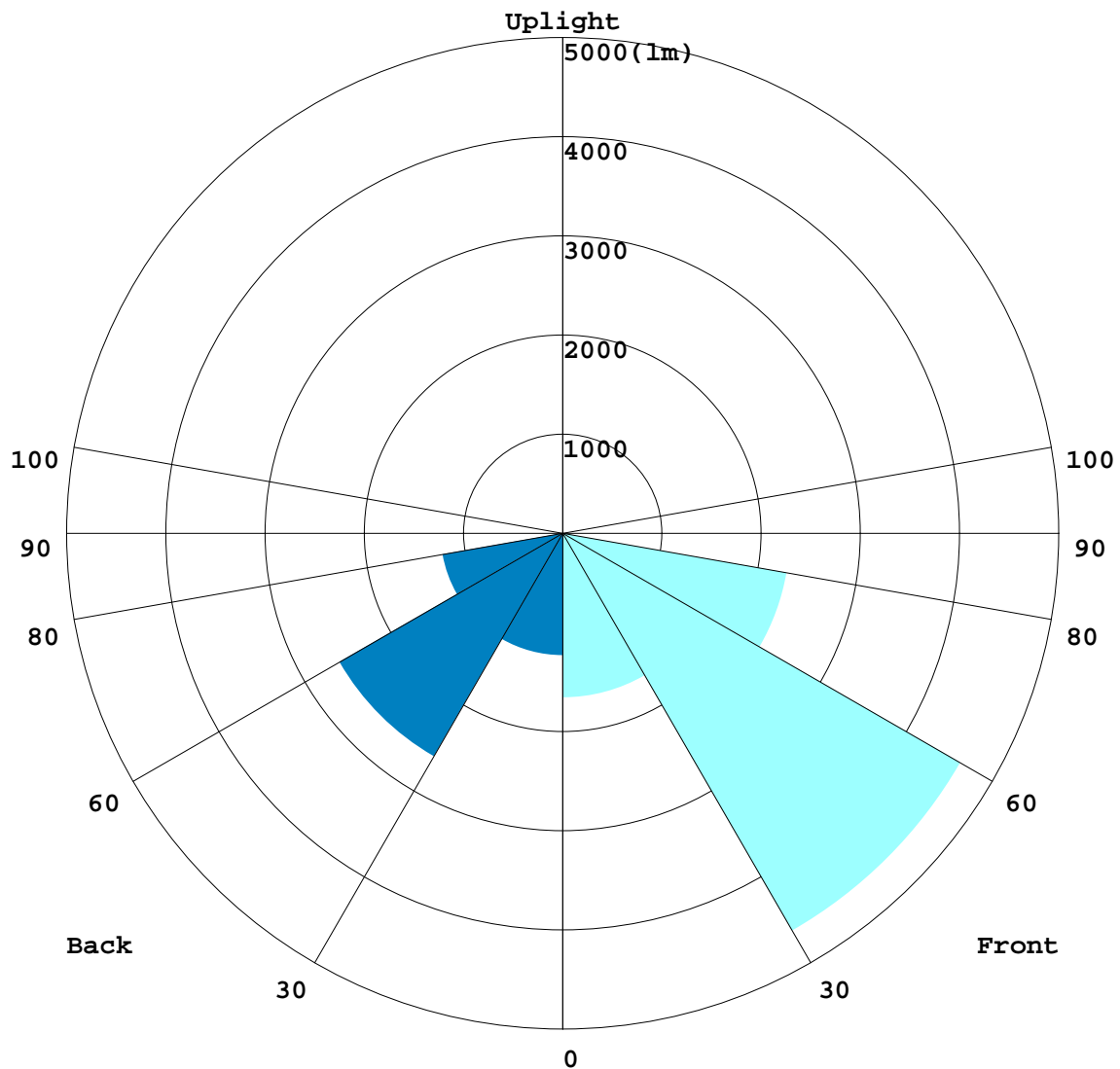
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-12

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:0.4645A P:100.2W PF:0.9842 Freq:50.01Hz Lamp Flux:13698.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-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:0.4645A P:100.2W PF:0.9842 Freq:50.01Hz Lamp Flux:13698.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-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)	1656.6	12.1
FM - Front-Medium(30-60)	4629.9	33.8
FH - Front-High(60-80)	2294.3	16.7
FVH - Front-Very High(80-90)	34.654	0.3
Total Forward Light	8615.5	62.9

BL - Back-Low(0-30)	1231.5	9.0
BM - Back-Medium(30-60)	2598.8	19.0
BH - Back-High(60-80)	1229.3	9.0
BVH - Back-Very High(80-90)	23.117	0.2
Total Back Light	5082.7	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	5082.7	0	5082.7
Street Side	8615.5	0	8615.5

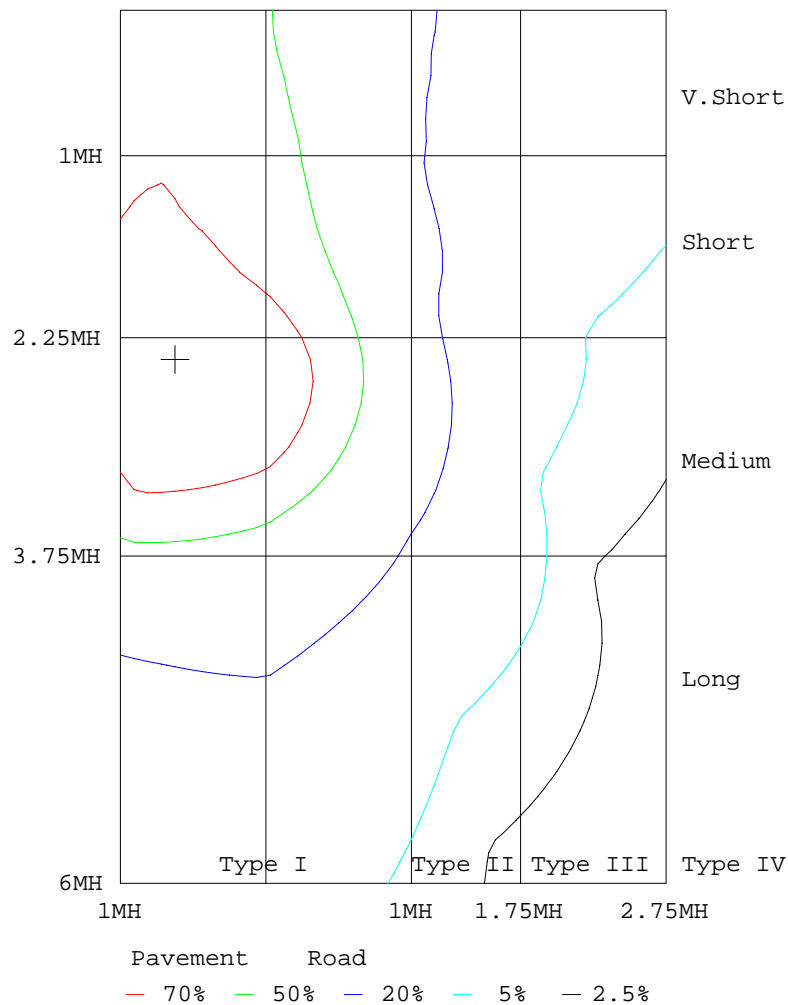
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-12

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:0.4645A P:100.2W PF:0.9842 Freq:50.01Hz Lamp Flux:13698.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-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:0.4645A P:100.2W PF:0.9842 Freq:50.01Hz Lamp Flux:13698.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T211-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	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517
5	3539	3592	3639	3674	3696	3715	3714	3709	3686	3656	3615	3566	3511	3454	3397	3344	3306	3279	3276
10	3581	3678	3756	3813	3845	3866	3866	3857	3825	3781	3718	3637	3536	3422	3297	3174	3072	3007	2993
15	3635	3770	3868	3931	3960	3979	3974	3965	3932	3889	3818	3713	3574	3407	3209	3011	2845	2733	2703
20	3683	3854	3967	4036	4058	4063	4048	4037	4014	3977	3900	3784	3613	3397	3128	2851	2616	2444	2394
25	3731	3930	4054	4126	4140	4132	4105	4093	4077	4046	3971	3852	3659	3395	3052	2690	2372	2158	2111
30	3773	4001	4136	4207	4212	4183	4136	4131	4128	4104	4035	3909	3702	3393	2978	2523	2149	1988	1969
35	3814	4065	4221	4297	4270	4185	4110	4125	4167	4173	4095	3962	3734	3385	2894	2340	1953	1863	1854
40	3856	4134	4329	4402	4286	4107	3985	4040	4167	4249	4177	4017	3757	3378	2794	2139	1795	1737	1735
45	3915	4235	4485	4508	4219	3895	3718	3830	4080	4324	4311	4089	3782	3361	2671	1925	1643	1600	1603
50	4014	4406	4713	4583	3973	3458	3234	3395	3827	4369	4510	4204	3824	3333	2515	1719	1479	1377	1385
55	4222	4741	5047	4507	3404	2758	2537	2718	3270	4268	4794	4453	3953	3308	2309	1492	1233	1214	1232
60	4704	5407	5486	4032	2467	1878	1681	1875	2384	3791	5149	4998	4276	3323	2025	1184	1043	1062	1081
65	5705	6559	5577	3041	1332	1156	1092	1174	1342	2783	5170	6077	5231	3453	1606	906	815	866	906
70	5447	6702	4058	1012	603	600	550	615	662	1045	3925	6719	5701	3210	975	487	521	618	646
75	2231	2932	1207	290	214	238	222	243	218	308	1249	3575	2847	1436	340	210	216	287	304
80	484	471	184	109	95.4	99.7	100	103	101	118	179	569	679	204	97.2	82.3	82.4	80.8	75.9
85	42.0	59.1	37.3	28.8	24.2	25.5	23.5	27.8	28.4	34.1	41.6	84.6	81.4	37.2	25.9	21.0	20.7	18.3	18.0
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:0.4645A P:100.2W PF:0.9842 Freq:50.01Hz Lamp Flux:13698.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-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	3517	3517	3517	3517	3517													
5	3284	3317	3360	3418	3479													
10	3015	3093	3200	3331	3462													
15	2738	2863	3041	3252	3457													
20	2444	2626	2875	3171	3454													
25	2165	2385	2710	3087	3446													
30	1978	2149	2535	3012	3443													
35	1845	1934	2331	2915	3444													
40	1723	1768	2111	2800	3437													
45	1600	1618	1887	2668	3422													
50	1394	1469	1673	2489	3407													
55	1243	1255	1443	2254	3405													
60	1085	1073	1148	1933	3445													
65	878	822	881	1442	3524													
70	598	502	439	832	2793													
75	274	203	192	266	980													
80	76.5	75.7	73.2	83.1	131													
85	17.0	17.9	17.0	19.9	27.3													
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: