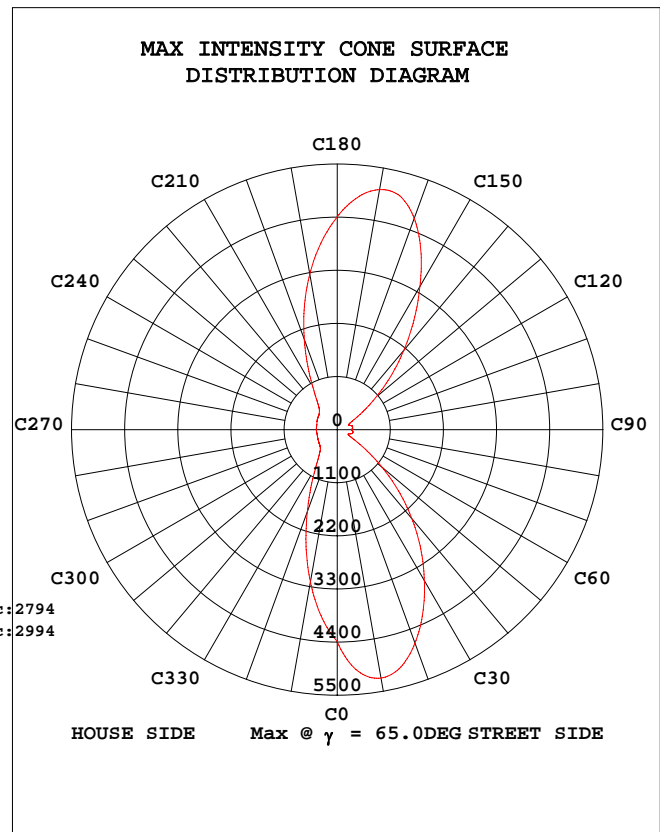
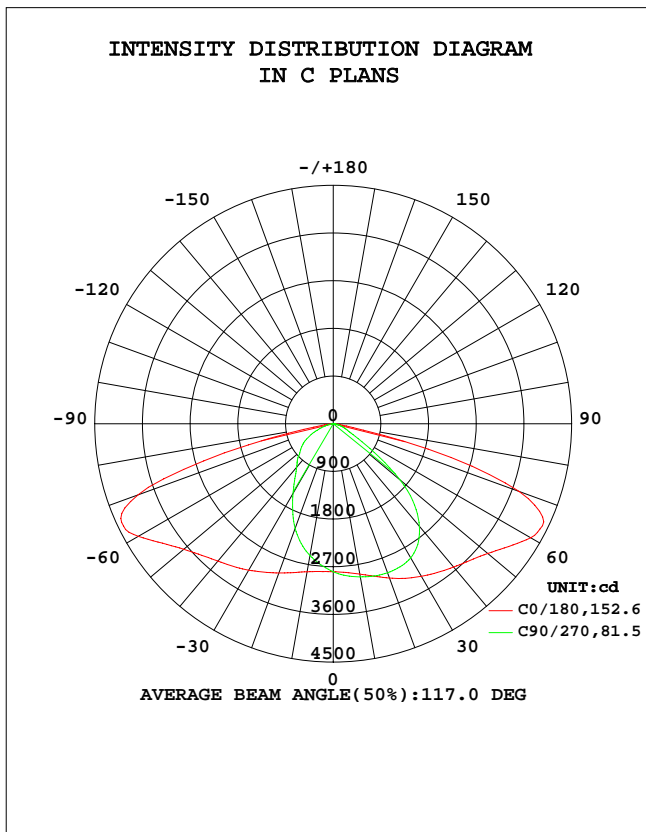


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.3235A P:70.02W PF:0.9875 Freq:50.00Hz Lamp Flux:10442.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.13 lm/W			
MODEL	3030	I _{max} (cd)	5089	η street_up(%)	0.0
NOMINAL POWER(W)	70	LOR(%)	100.0	η street_down(%)	61.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	10442	η house_up(%)	0.0
NOMINAL FLUX(lm)	10442.1	MAXIMUM @(C,γ)	15,65.0	η house_down(%)	39.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.396

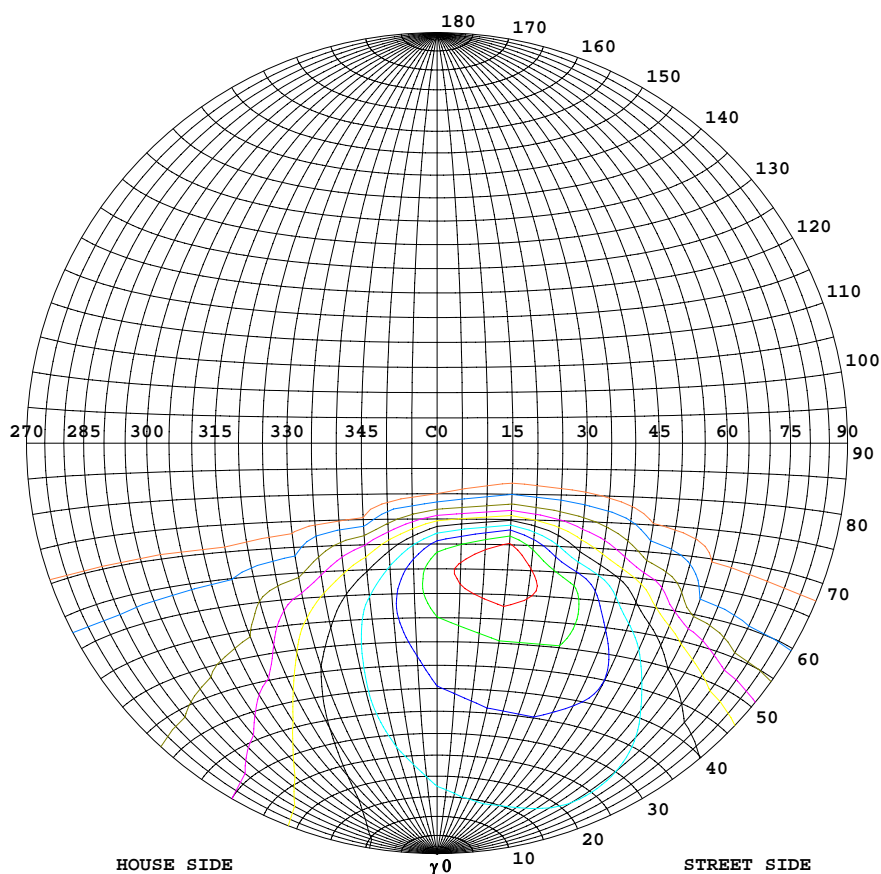


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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:0.3235A P:70.02W PF:0.9875 Freq:50.00Hz Lamp Flux:10442.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



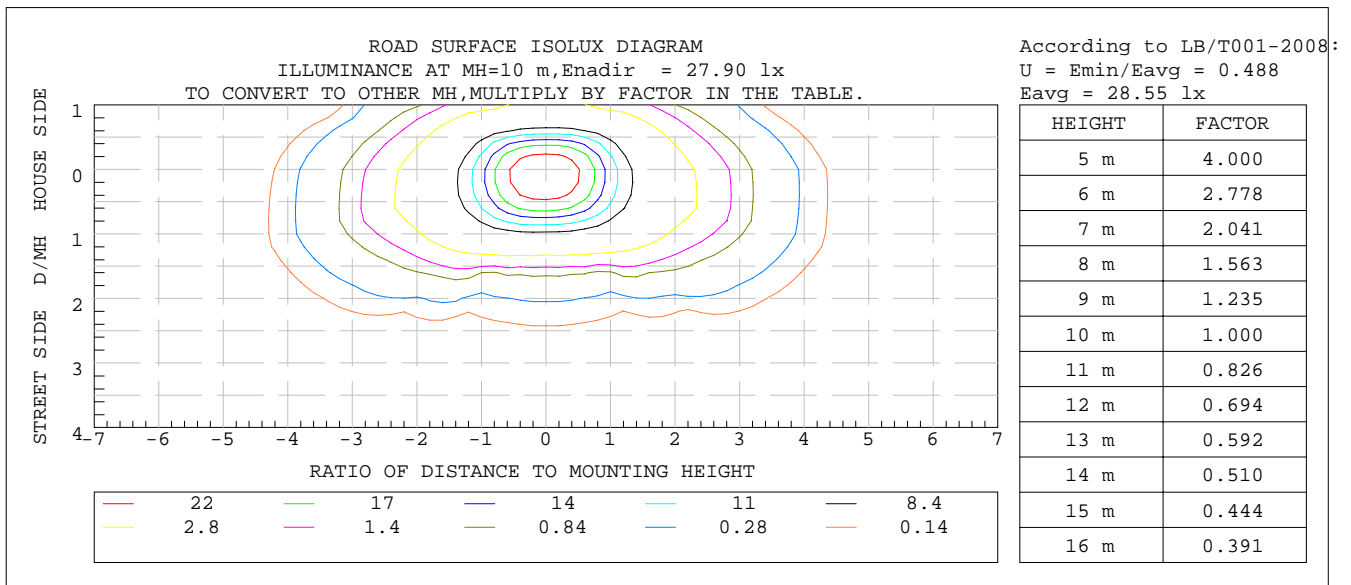
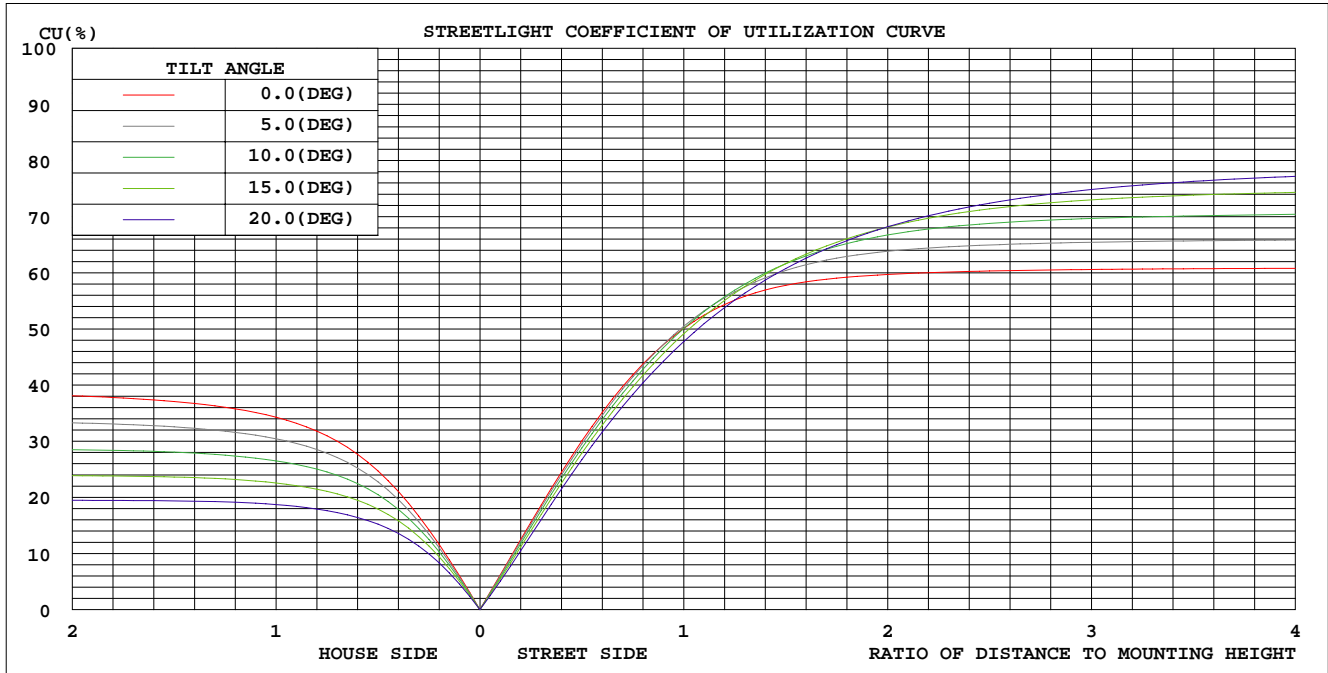
Classification:

IES:Type II - Short
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:53.26cd/klm
Max.At90:0cd/klm
Max.80-90:53.26cd/klm
NRB 5101:Semi limited[18.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5089
90%	4580
80%	4071
70%	3562
60%	3053
50%	2544
40%	2036
30%	1527
20%	1018
10%	509
5%	254

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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: 2024-12-11

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:0.3235A P:70.02W PF:0.9875 Freq:50.00Hz Lamp Flux:10442.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

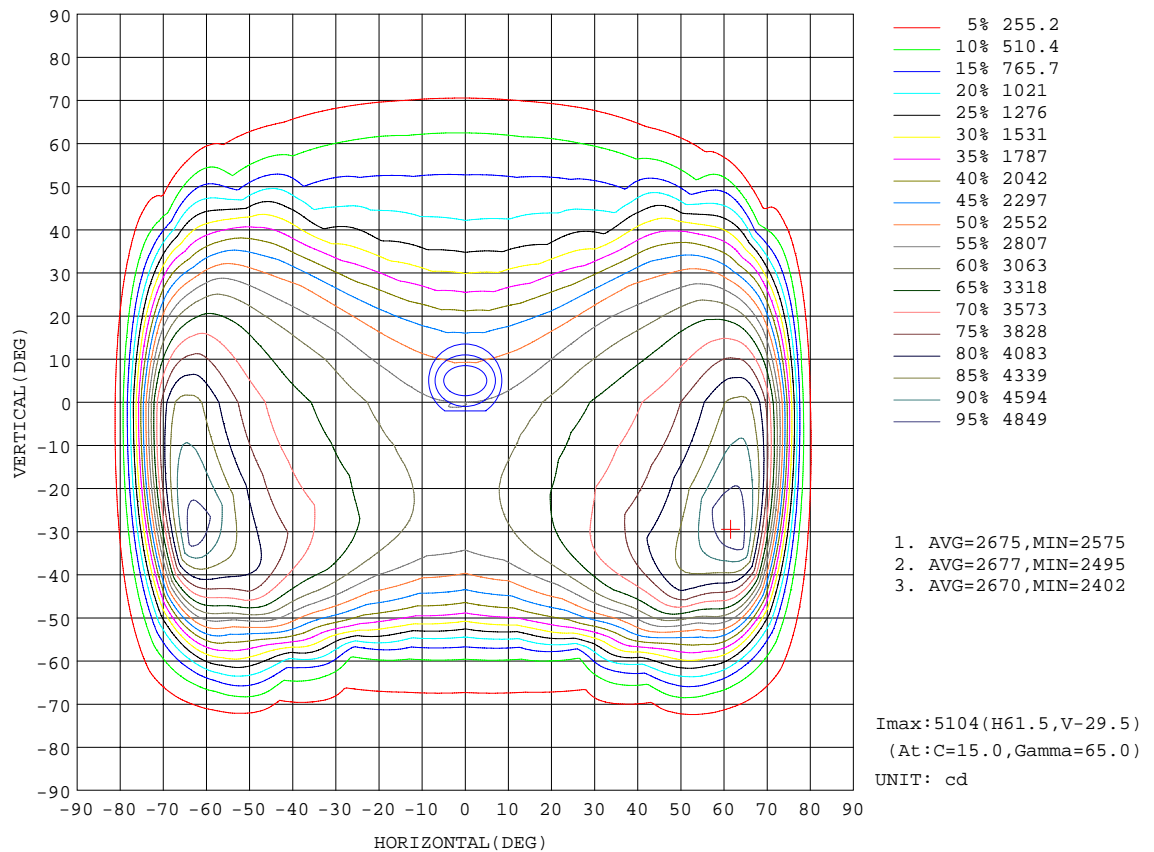
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2881	2954	2935	2925	2837	2640	2527	2657	0- 10	266.7	266.7	2.55,2.55
20	3100	3144	2994	3072	2998	2499	2103	2506	10- 20	793.7	1060	10.2,10.2
30	3325	3343	2924	3236	3191	2279	1522	2263	20- 30	1288	2349	22.5,22.5
40	3531	3526	2532	3384	3385	1900	1076	1855	30- 40	1701	4050	38.8,38.8
50	3810	3483	1641	3285	3684	1276	819.5	1214	40- 50	1979	6030	57.7,57.7
60	4304	2614	483.1	2435	4249	736.5	583.9	718.6	50- 60	2020	8050	77.1,77.1
70	3730	768.7	208.7	650.6	3916	314.8	270.9	288.0	60- 70	1674	9724	93.1,93.1
80	255.0	88.76	60.89	92.08	373.2	57.78	54.75	52.97	70- 80	672.1	10396	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	46.08	10442	100,100
100	0	0	0	0	0	0	0	0	90-100	0	10442	100,100
110	0	0	0	0	0	0	0	0	100-110	0	10442	100,100
120	0	0	0	0	0	0	0	0	110-120	0	10442	100,100
130	0	0	0	0	0	0	0	0	120-130	0	10442	100,100
140	0	0	0	0	0	0	0	0	130-140	0	10442	100,100
150	0	0	0	0	0	0	0	0	140-150	0	10442	100,100
160	0	0	0	0	0	0	0	0	150-160	0	10442	100,100
170	0	0	0	0	0	0	0	0	160-170	0	10442	100,100
180	0	0	0	0	0	0	0	0	170-180	0	10442	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:2024-12-11

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

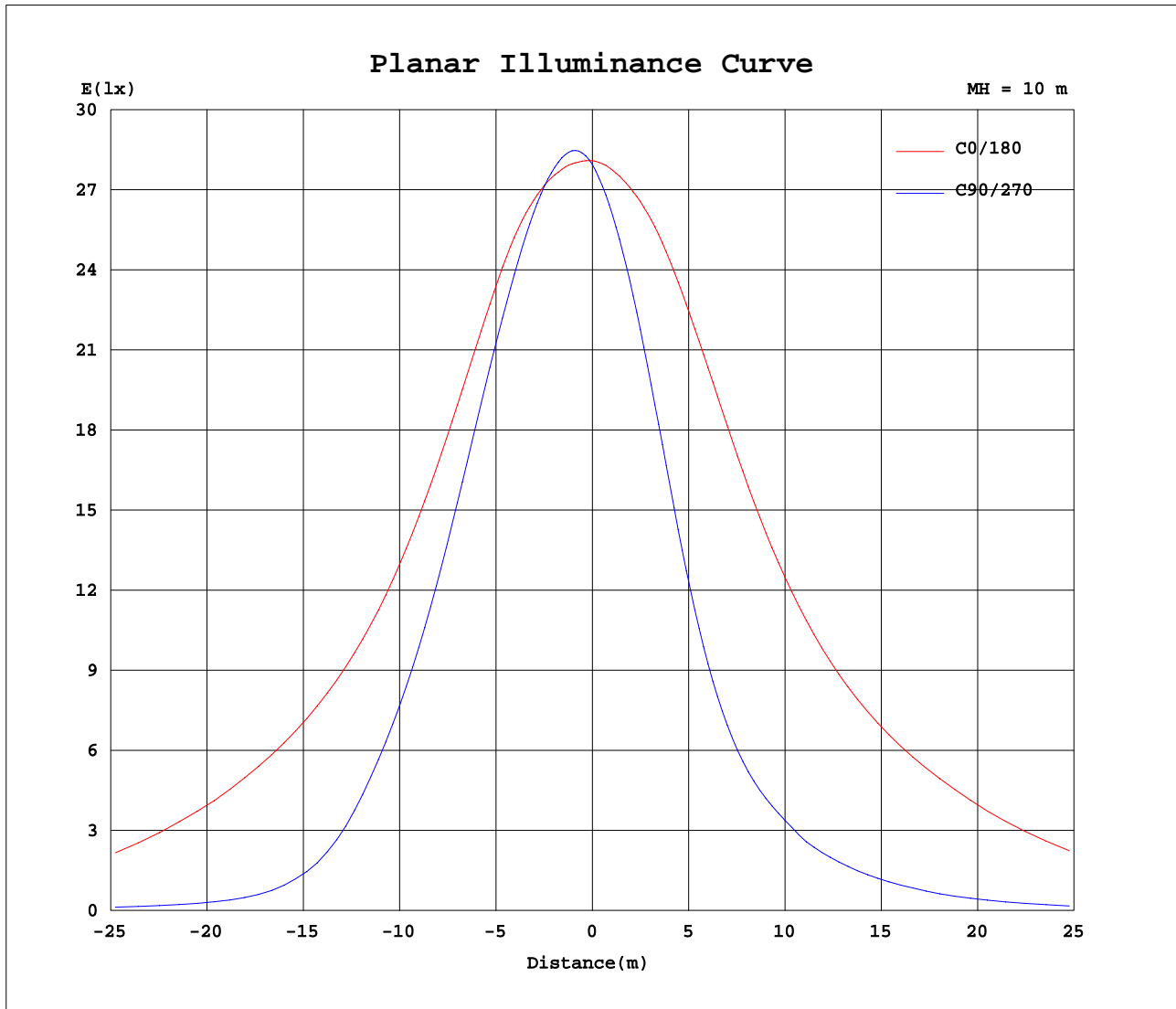
Test:U:219.2V I:0.3235A P:70.02W PF:0.9875 Freq:50.00Hz Lamp Flux:10442.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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



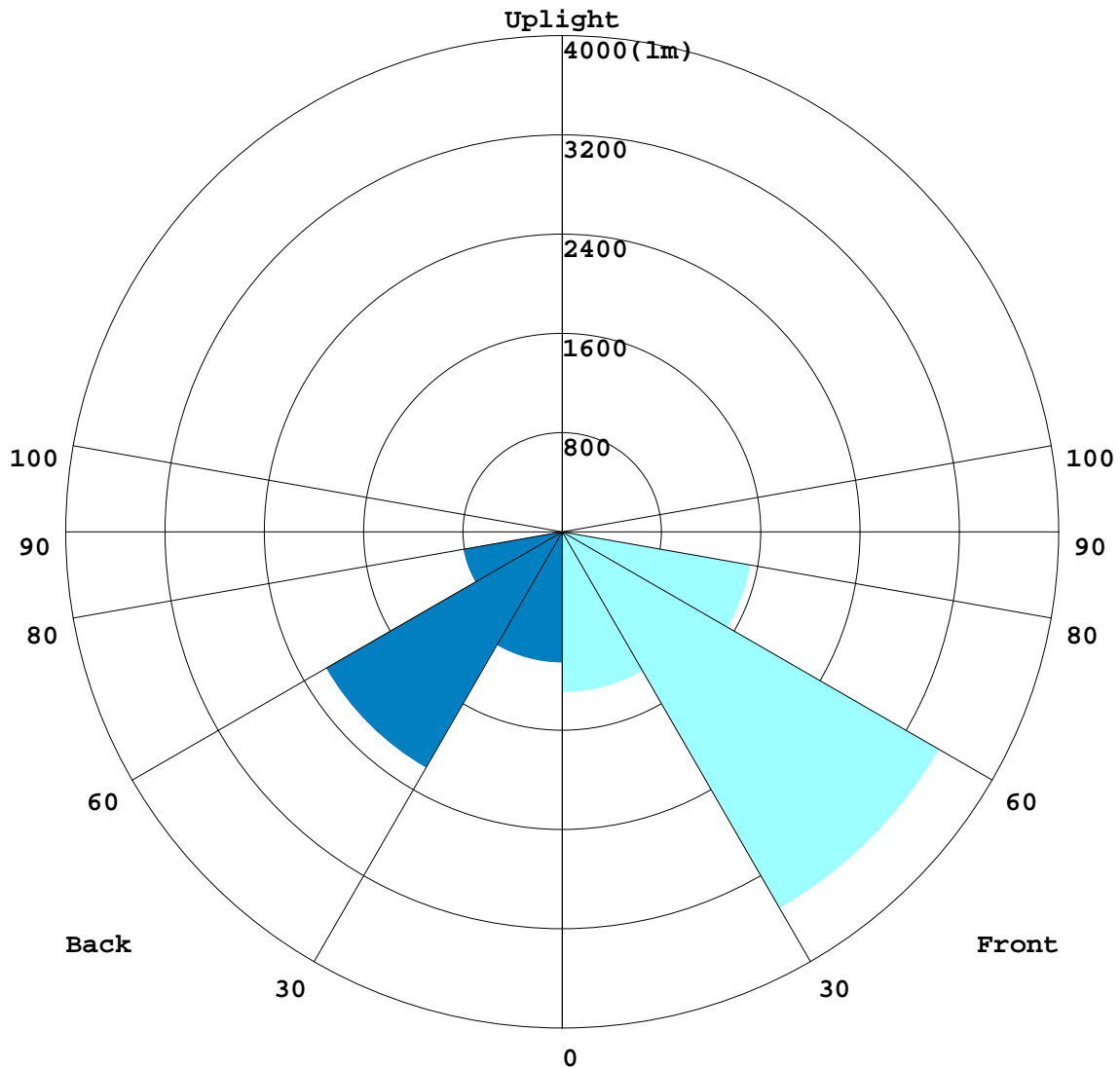
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-11

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:0.3235A P:70.02W PF:0.9875 Freq:50.00Hz Lamp Flux:10442.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	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:2024-12-11

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:0.3235A P:70.02W PF:0.9875 Freq:50.00Hz Lamp Flux:10442.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1293.5	12.4
FM - Front-Medium(30-60)	3504.5	33.6
FH - Front-High(60-80)	1538.2	14.7
FVH - Front-Very High(80-90)	30.806	0.3
Total Forward Light	6366.9	61.0

BL - Back-Low(0-30)	1055.3	10.1
BM - Back-Medium(30-60)	2196.8	21.0
BH - Back-High(60-80)	807.83	7.7
BVH - Back-Very High(80-90)	15.278	0.1
Total Back Light	4075.2	39.0

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	4075.2	0	4075.2
Street Side	6366.9	0	6366.9

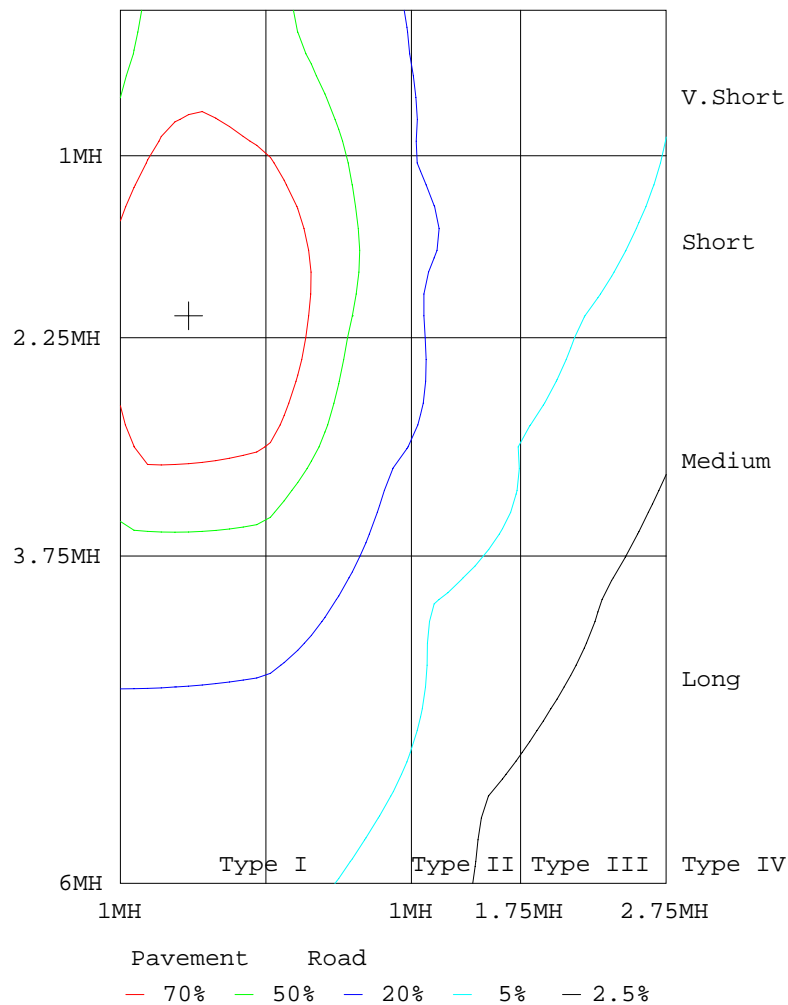
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-11

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:0.3235A P:70.02W PF:0.9875 Freq:50.00Hz Lamp Flux:10442.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WILE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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:0.3235A P:70.02W PF:0.9875 Freq:50.00Hz Lamp Flux:10442.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	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	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794
5	2819	2842	2860	2871	2876	2883	2880	2878	2870	2862	2847	2827	2800	2774	2743	2713	2693	2675	2674
10	2881	2924	2949	2954	2947	2944	2935	2935	2928	2925	2911	2883	2837	2780	2711	2640	2583	2538	2527
15	2979	3038	3057	3044	3016	2995	2976	2978	2982	2994	2993	2967	2908	2817	2702	2573	2458	2367	2340
20	3100	3168	3178	3144	3080	3026	2994	3003	3031	3072	3089	3068	2998	2875	2705	2499	2302	2150	2103
25	3220	3295	3303	3244	3130	3030	2981	3004	3071	3155	3191	3172	3092	2936	2709	2401	2106	1884	1813
30	3325	3411	3423	3343	3165	3000	2924	2972	3096	3236	3297	3280	3191	3005	2715	2279	1869	1600	1522
35	3427	3525	3546	3444	3168	2902	2781	2865	3080	3317	3414	3390	3288	3069	2699	2112	1612	1336	1264
40	3531	3653	3682	3526	3088	2696	2532	2655	2984	3384	3545	3508	3385	3122	2652	1900	1346	1128	1076
45	3649	3810	3851	3556	2884	2368	2171	2324	2764	3397	3695	3662	3512	3177	2560	1628	1130	999	955
50	3810	4030	4043	3483	2518	1902	1641	1853	2392	3285	3864	3889	3684	3215	2401	1276	980	846	820
55	4041	4352	4220	3185	1960	1138	946	1104	1832	2967	4034	4224	3932	3224	2149	990	791	725	713
60	4304	4782	4242	2614	940	542	483	539	820	2435	4037	4656	4249	3106	1748	736	651	602	584
65	4384	5089	3609	1802	380	319	302	318	367	1572	3424	5013	4408	2636	1004	527	470	438	435
70	3730	4645	2361	769	242	217	209	217	236	651	2282	4562	3916	1721	435	315	293	273	271
75	1854	2449	1174	270	145	134	129	135	147	251	1165	2437	2131	501	199	148	147	141	138
80	255	499	304	88.8	67.1	64.8	60.9	66.2	70.5	92.1	287	556	373	119	77.2	57.8	58.5	57.2	54.7
85	33.7	52.9	46.3	22.6	16.4	16.3	14.4	17.3	19.0	26.0	52.8	72.3	46.7	28.3	20.7	14.8	13.6	11.7	11.2
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:2024-12-11

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:0.3235A P:70.02W PF:0.9875 Freq:50.00Hz Lamp Flux:10442.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	2794	2794	2794	2794	2794														
5	2677	2698	2723	2755	2790														
10	2541	2593	2657	2735	2816														
15	2368	2466	2589	2729	2870														
20	2147	2301	2506	2738	2949														
25	1870	2092	2403	2753	3033														
30	1586	1846	2263	2758	3105														
35	1319	1581	2088	2743	3168														
40	1113	1305	1855	2692	3211														
45	988	1109	1555	2583	3242														
50	842	961	1214	2408	3260														
55	723	783	965	2122	3231														
60	594	636	719	1670	3037														
65	430	453	502	885	2502														
70	267	279	288	384	1513														
75	138	139	132	168	282														
80	54.6	55.0	53.0	66.6	91.2														
85	10.8	12.0	12.2	16.3	21.0														
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:2024-12-11

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: