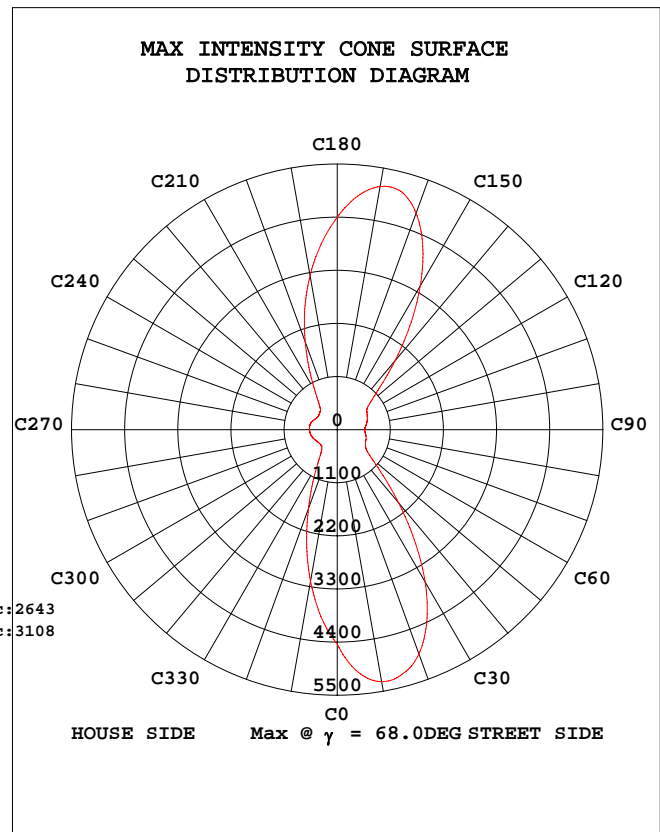
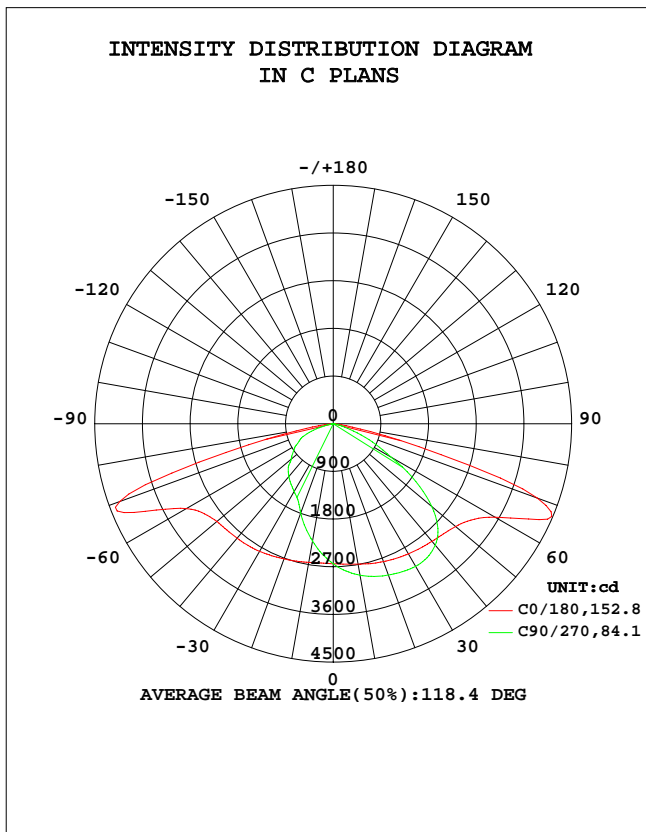


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.3249A P:70.28W PF:0.9867 Freq:50.01Hz Lamp Flux:10283.5x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WILE-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: 146.32 lm/W			
MODEL	3030	Imax(cd)	5234	η street_up(%)	0.0
NOMINAL POWER(W)	70	LOR(%)	100.0	η street_down(%)	62.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	10284	η house_up(%)	0.0
NOMINAL FLUX(lm)	10283.5	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	19.984

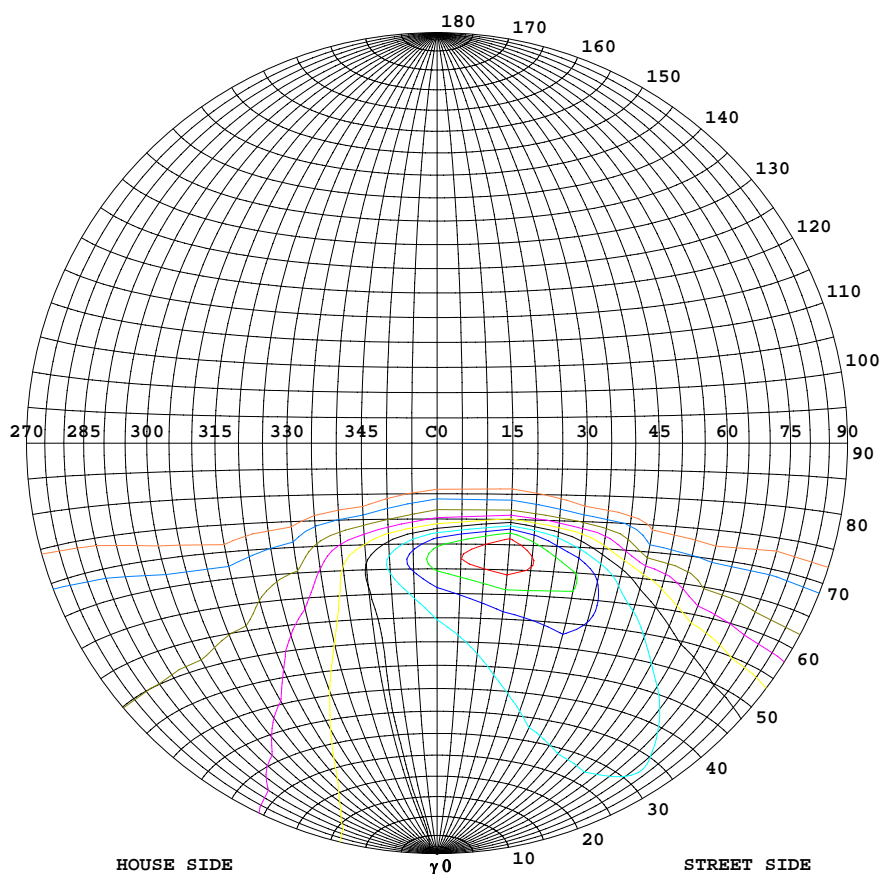


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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:0.3249A P:70.28W PF:0.9867 Freq:50.01Hz Lamp Flux:10283.5x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



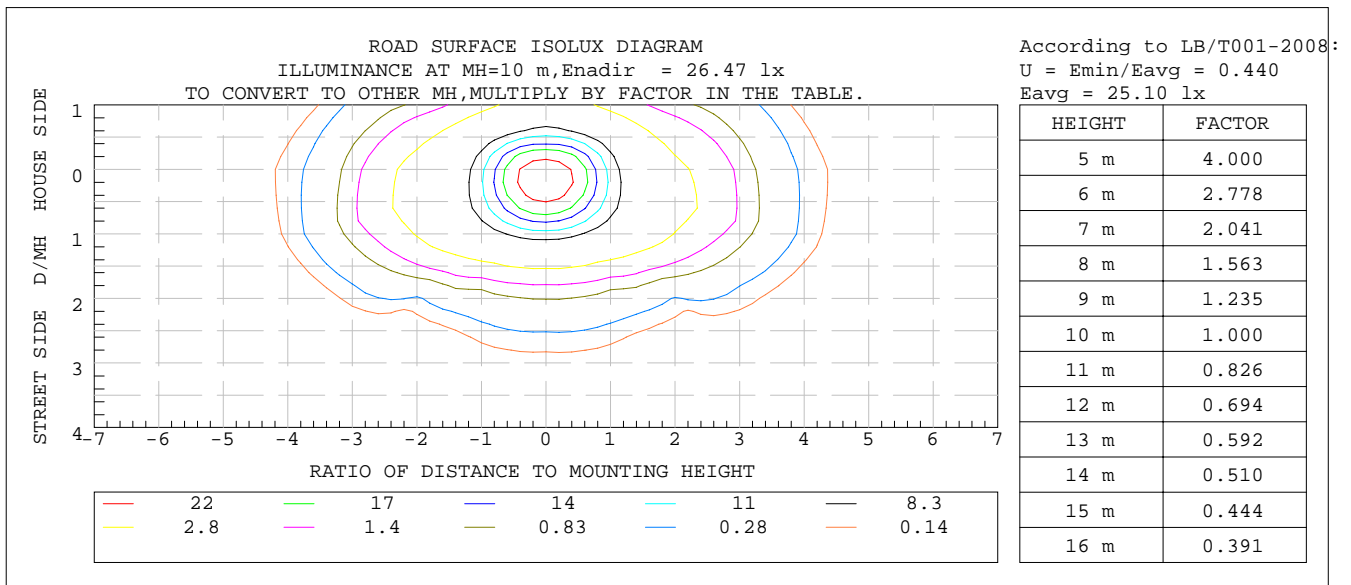
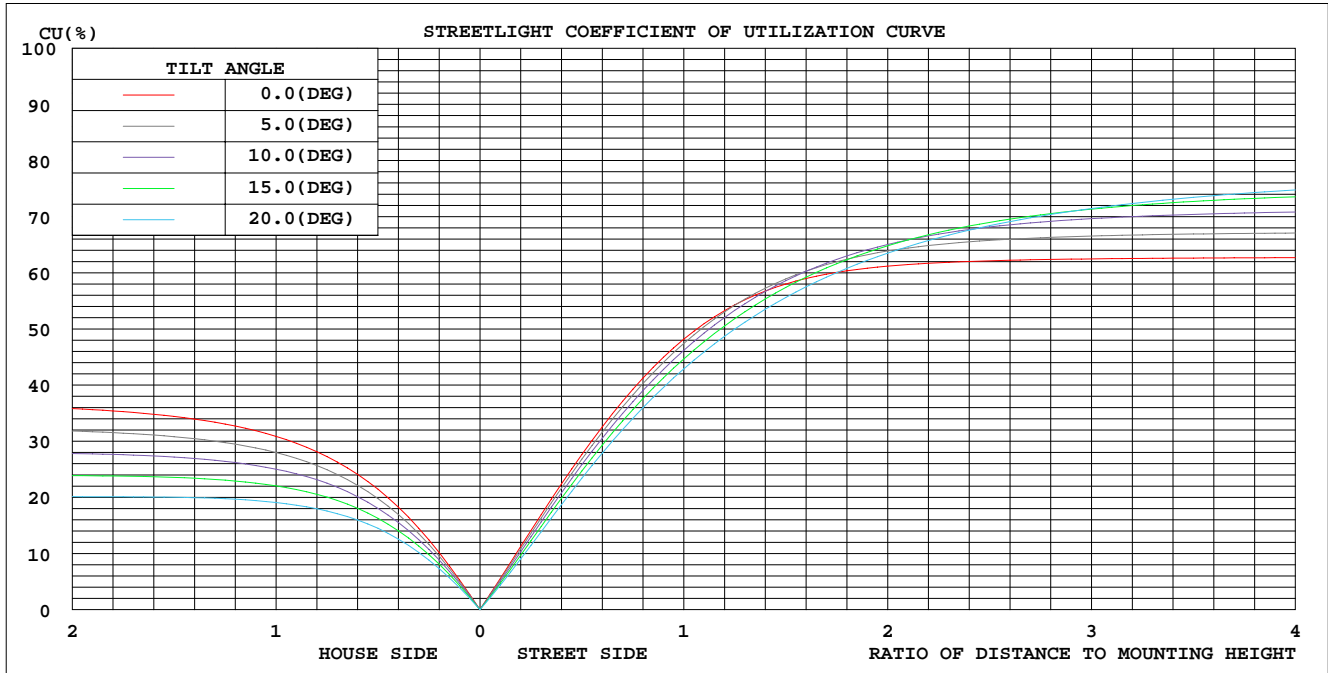
Classification:

IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:50.12cd/klm
Max.At90:0cd/klm
Max.80-90:50.12cd/klm
NRB 5101:Limited[3.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5234
90%	4711
80%	4187
70%	3664
60%	3140
50%	2617
40%	2094
30%	1570
20%	1047
10%	523
5%	262

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:0.3249A P:70.28W PF:0.9867 Freq:50.01Hz Lamp Flux:10283.5x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

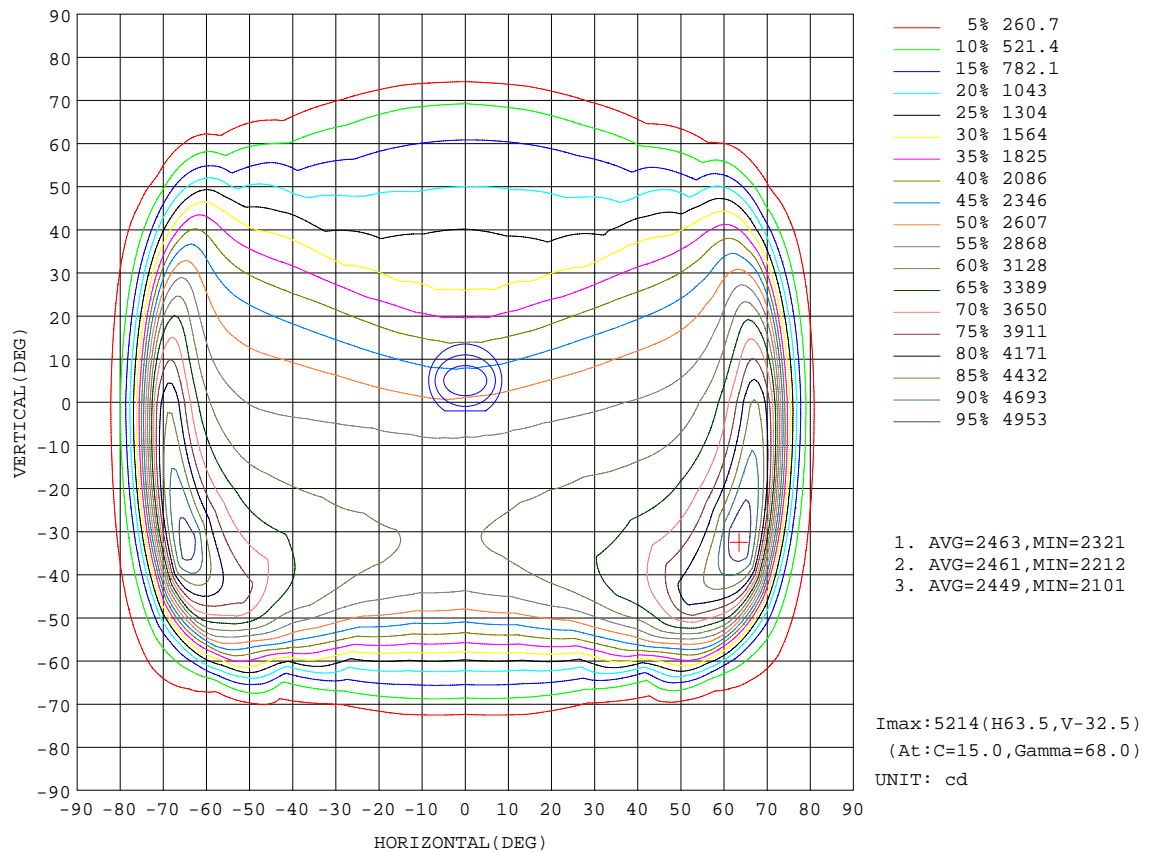
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	2691	2865	2903	2841	2658	2384	2249	2405	0- 10	251.3	251.3	2.44,2.44
20	2769	3033	3040	2987	2715	2141	1796	2161	10- 20	737.6	988.9	9.62,9.62
30	2836	3162	3107	3083	2781	1895	1478	1907	20- 30	1180	2169	21.1,21.1
40	2898	3306	2994	3193	2822	1605	1303	1588	30- 40	1570	3740	36.4,36.4
50	3017	3443	2427	3282	2870	1290	1040	1278	40- 50	1869	5608	54.5,54.5
60	3533	3025	1263	2855	3205	883.1	812.2	863.3	50- 60	1987	7596	73.9,73.9
70	4093	757.7	411.3	786.8	4286	367.2	484.9	331.2	60- 70	1883	9479	92.2,92.2
80	366.7	81.70	75.01	88.45	515.4	62.66	57.30	55.41	70- 80	761.4	10240	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	43.44	10284	100,100
100	0	0	0	0	0	0	0	0	90-100	0	10284	100,100
110	0	0	0	0	0	0	0	0	100-110	0	10284	100,100
120	0	0	0	0	0	0	0	0	110-120	0	10284	100,100
130	0	0	0	0	0	0	0	0	120-130	0	10284	100,100
140	0	0	0	0	0	0	0	0	130-140	0	10284	100,100
150	0	0	0	0	0	0	0	0	140-150	0	10284	100,100
160	0	0	0	0	0	0	0	0	150-160	0	10284	100,100
170	0	0	0	0	0	0	0	0	160-170	0	10284	100,100
180	0	0	0	0	0	0	0	0	170-180	0	10284	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

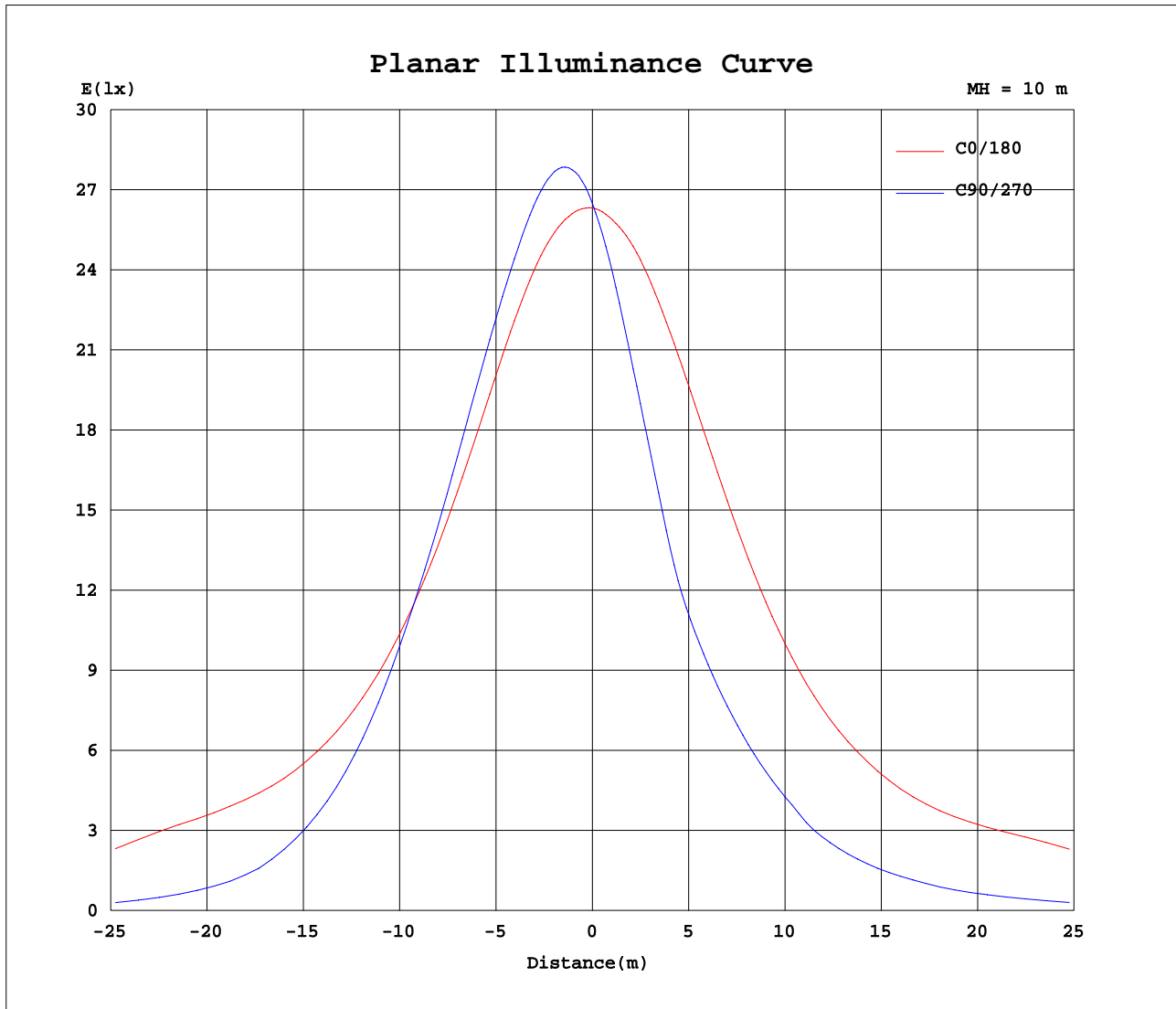
Test:U:219.2V I:0.3249A P:70.28W PF:0.9867 Freq:50.01Hz Lamp Flux:10283.5x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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



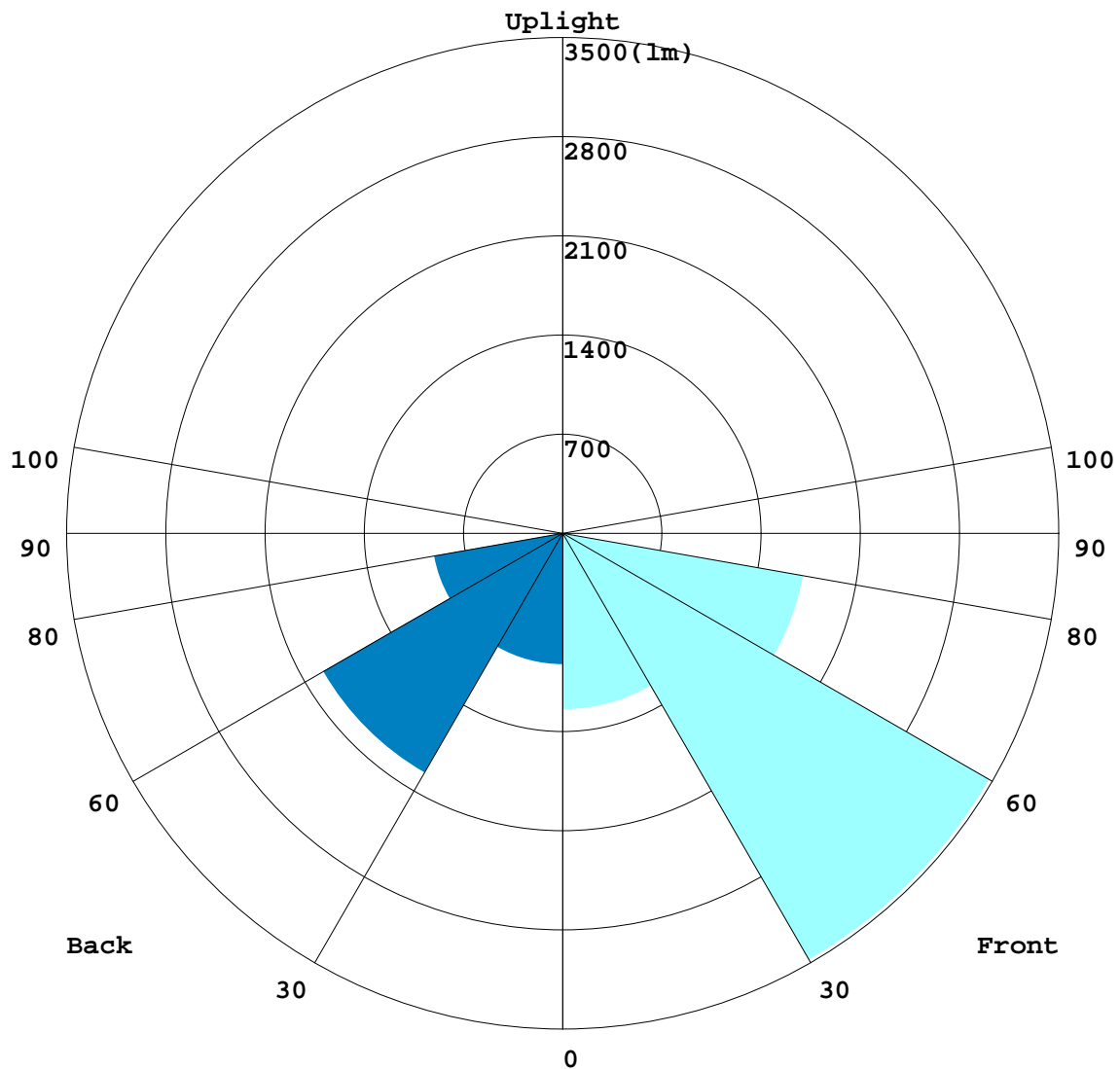
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-12

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:0.3249A P:70.28W PF:0.9867 Freq:50.01Hz Lamp Flux:10283.5x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-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:0.3249A P:70.28W PF:0.9867 Freq:50.01Hz Lamp Flux:10283.5x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-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)	1244.2	12.1
FM - Front-Medium(30-60)	3476.2	33.8
FH - Front-High(60-80)	1723.2	16.8
FVH - Front-Very High(80-90)	25.954	0.3
Total Forward Light	6469.5	62.9

BL - Back-Low(0-30)	924.97	9.0
BM - Back-Medium(30-60)	1950.3	19.0
BH - Back-High(60-80)	921.27	9.0
BVH - Back-Very High(80-90)	17.486	0.2
Total Back Light	3814	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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3814	0	3814
Street Side	6469.5	0	6469.5

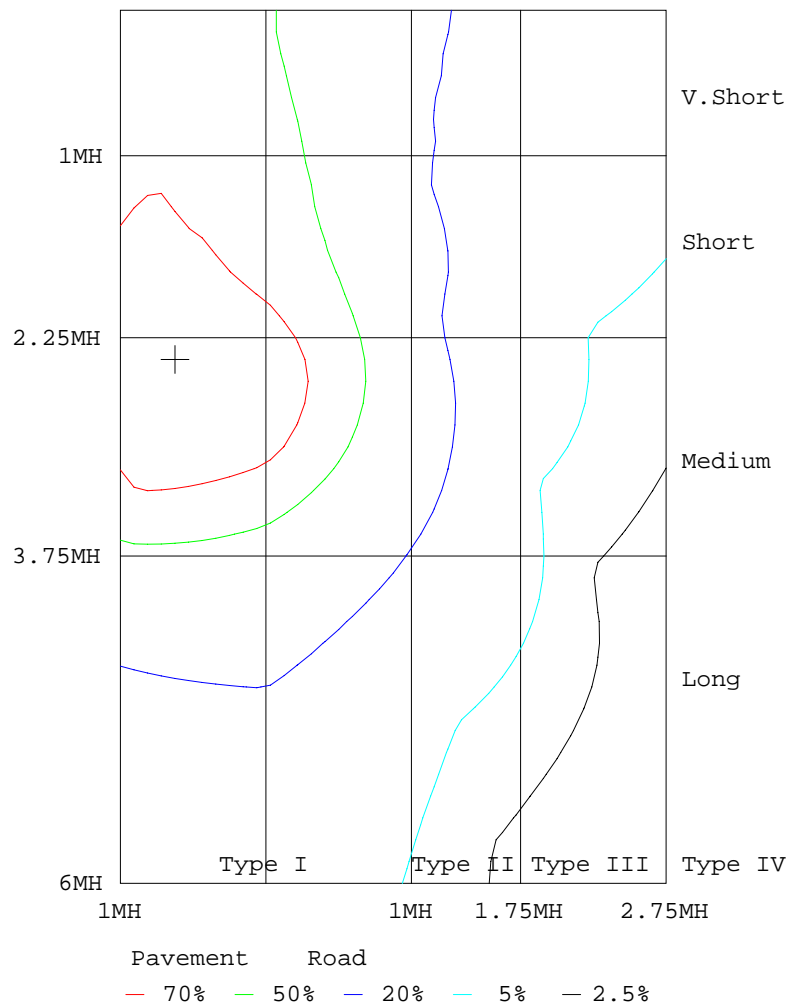
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-12

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:0.3249A P:70.28W PF:0.9867 Freq:50.01Hz Lamp Flux:10283.5x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-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:0.3249A P:70.28W PF:0.9867 Freq:50.01Hz Lamp Flux:10283.5x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-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	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643
5	2660	2699	2733	2761	2778	2793	2791	2787	2768	2748	2717	2679	2639	2596	2553	2512	2485	2465	2463
10	2691	2765	2819	2865	2886	2905	2903	2897	2869	2841	2791	2733	2658	2572	2477	2384	2309	2259	2249
15	2733	2834	2902	2955	2973	2989	2984	2978	2951	2922	2864	2790	2686	2560	2410	2261	2137	2053	2030
20	2769	2896	2977	3033	3047	3053	3040	3033	3011	2987	2925	2840	2715	2552	2350	2141	1962	1836	1796
25	2804	2953	3042	3101	3110	3106	3082	3075	3058	3039	2978	2891	2749	2549	2291	2020	1780	1621	1585
30	2836	3005	3104	3162	3163	3143	3107	3104	3098	3083	3026	2936	2781	2549	2235	1895	1612	1494	1478
35	2867	3053	3168	3230	3207	3146	3086	3100	3128	3136	3072	2973	2805	2541	2172	1755	1466	1401	1391
40	2898	3105	3248	3306	3217	3086	2994	3035	3126	3193	3133	3015	2822	2536	2096	1605	1348	1305	1303
45	2942	3181	3365	3388	3167	2926	2794	2878	3062	3248	3233	3070	2840	2523	2001	1444	1234	1203	1203
50	3017	3309	3537	3443	2981	2600	2427	2554	2872	3282	3382	3155	2870	2502	1884	1290	1109	1036	1040
55	3172	3559	3785	3384	2551	2076	1905	2049	2455	3208	3594	3339	2966	2482	1729	1121	928	913	924
60	3533	4060	4115	3025	1849	1410	1263	1410	1793	2855	3861	3746	3205	2491	1516	883	782	799	812
65	4286	4925	4179	2278	999	867	818	881	1008	2125	3881	4553	3914	2586	1203	680	614	651	680
70	4093	5040	3038	758	451	451	411	462	496	787	2952	5049	4286	2411	730	367	393	466	485
75	1675	2187	970	209	160	168	166	171	164	239	1108	2656	2094	1107	258	158	164	217	225
80	367	355	139	81.7	71.3	74.8	75.0	77.7	75.9	88.4	137	434	515	151	72.8	62.7	61.8	61.6	57.3
85	31.6	44.2	28.2	21.5	18.0	19.1	17.7	20.8	21.2	25.6	31.8	64.1	62.1	28.0	19.3	15.9	15.5	13.7	13.5
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:0.3249A P:70.28W PF:0.9867 Freq:50.01Hz Lamp Flux:10283.5x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T211-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	2643	2643	2643	2643	2643														
5	2468	2492	2525	2569	2613														
10	2266	2325	2405	2503	2601														
15	2057	2152	2286	2443	2597														
20	1836	1972	2161	2383	2594														
25	1627	1791	2036	2320	2589														
30	1487	1614	1907	2263	2587														
35	1386	1452	1752	2191	2587														
40	1295	1327	1588	2103	2582														
45	1204	1214	1420	2002	2571														
50	1049	1102	1278	1867	2559														
55	935	941	1087	1693	2558														
60	816	805	863	1453	2587														
65	659	618	663	1083	2648														
70	451	378	331	625	2103														
75	206	152	145	178	715														
80	58.0	56.9	55.4	62.4	107														
85	12.8	13.5	12.7	15.0	20.7														
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: