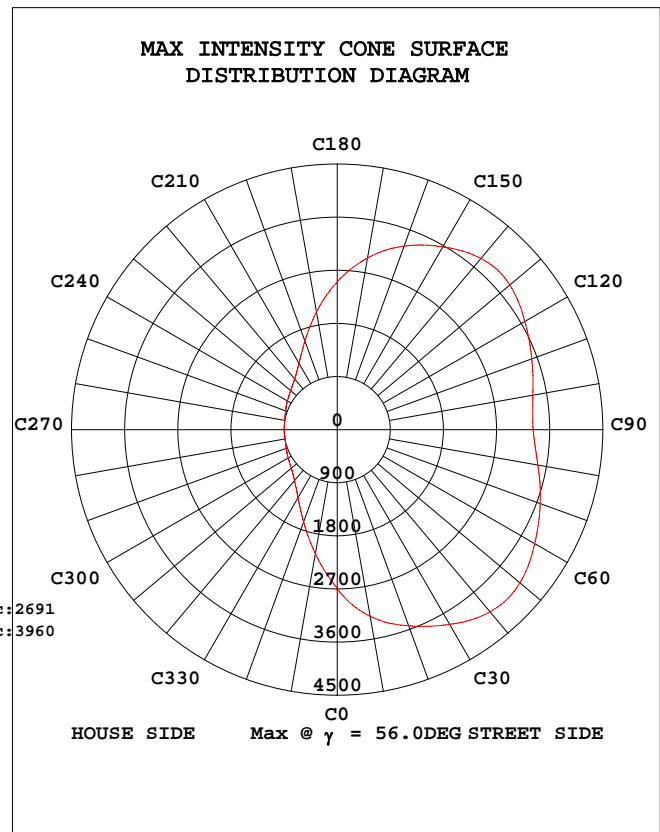
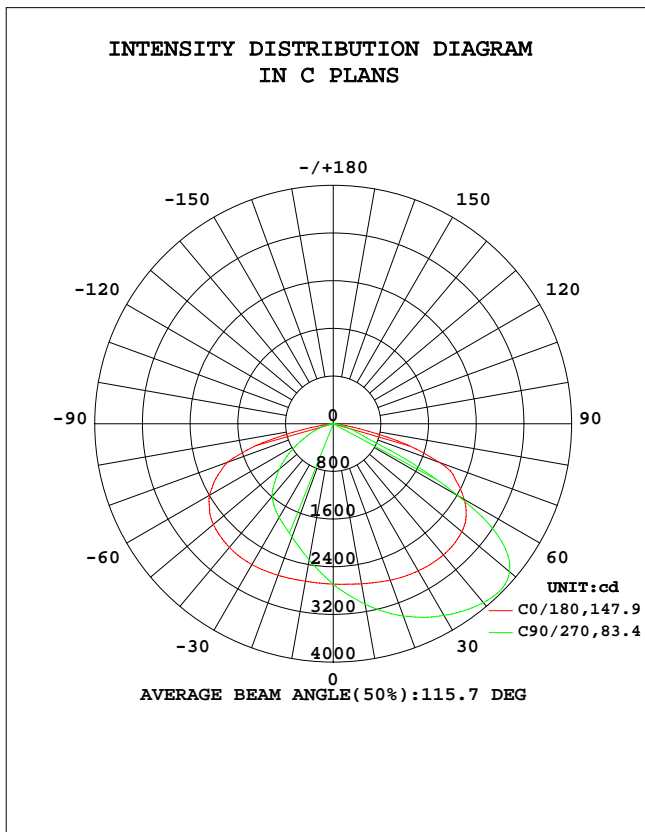


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.3256A P:70.45W PF:0.9867 Freq:50.01Hz Lamp Flux:10918.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-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: 154.99 lm/W			
MODEL	3030	Imax(cd)	4067	η street_up(%)	0.0
NOMINAL POWER(W)	70	LOR(%)	100.0	η street_down(%)	68.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	10919	η house_up(%)	0.0
NOMINAL FLUX(lm)	10918.8	MAXIMUM @(C, γ)	45,56.0	η house_down(%)	31.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.733

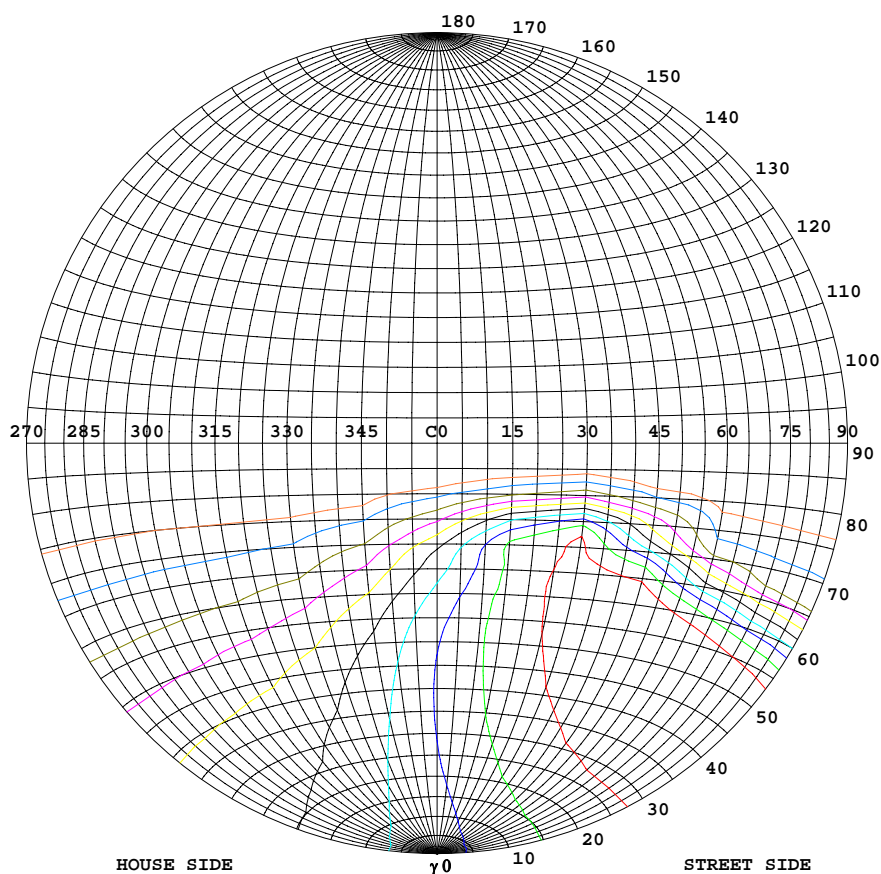


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

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:0.3256A P:70.45W PF:0.9867 Freq:50.01Hz Lamp Flux:10918.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



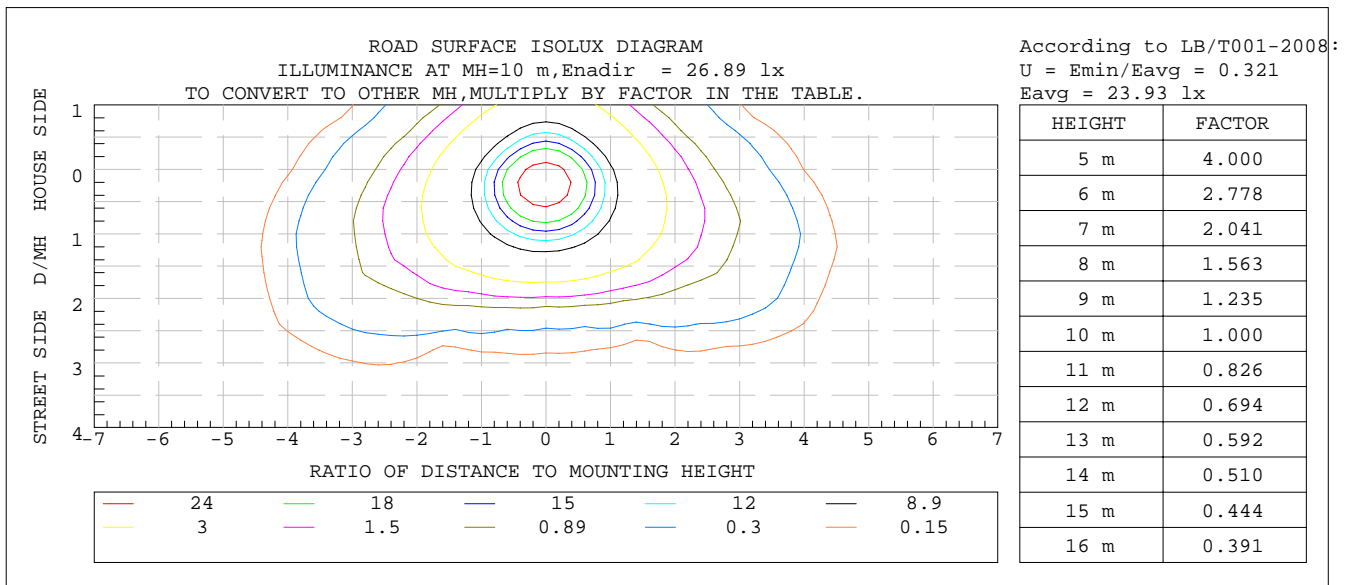
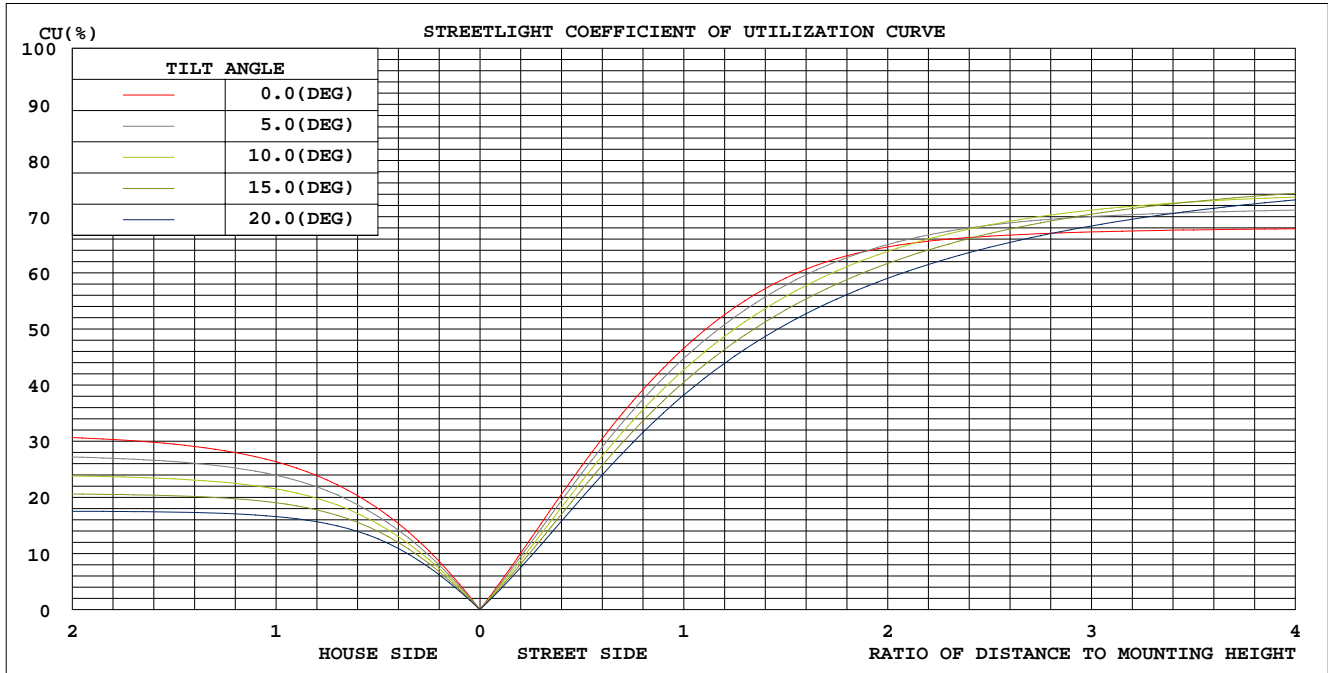
Classification:

IES:Type III - Short
CIE:Broad - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:103.5cd/klm
Max.At90:0cd/klm
Max.80-90:103.5cd/klm
NRB 5101:Semi limited[21.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4067
90%	3660
80%	3253
70%	2847
60%	2440
50%	2033
40%	1627
30%	1220
20%	813
10%	407
5%	203

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:0.3256A P:70.45W PF:0.9867 Freq:50.01Hz Lamp Flux:10918.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

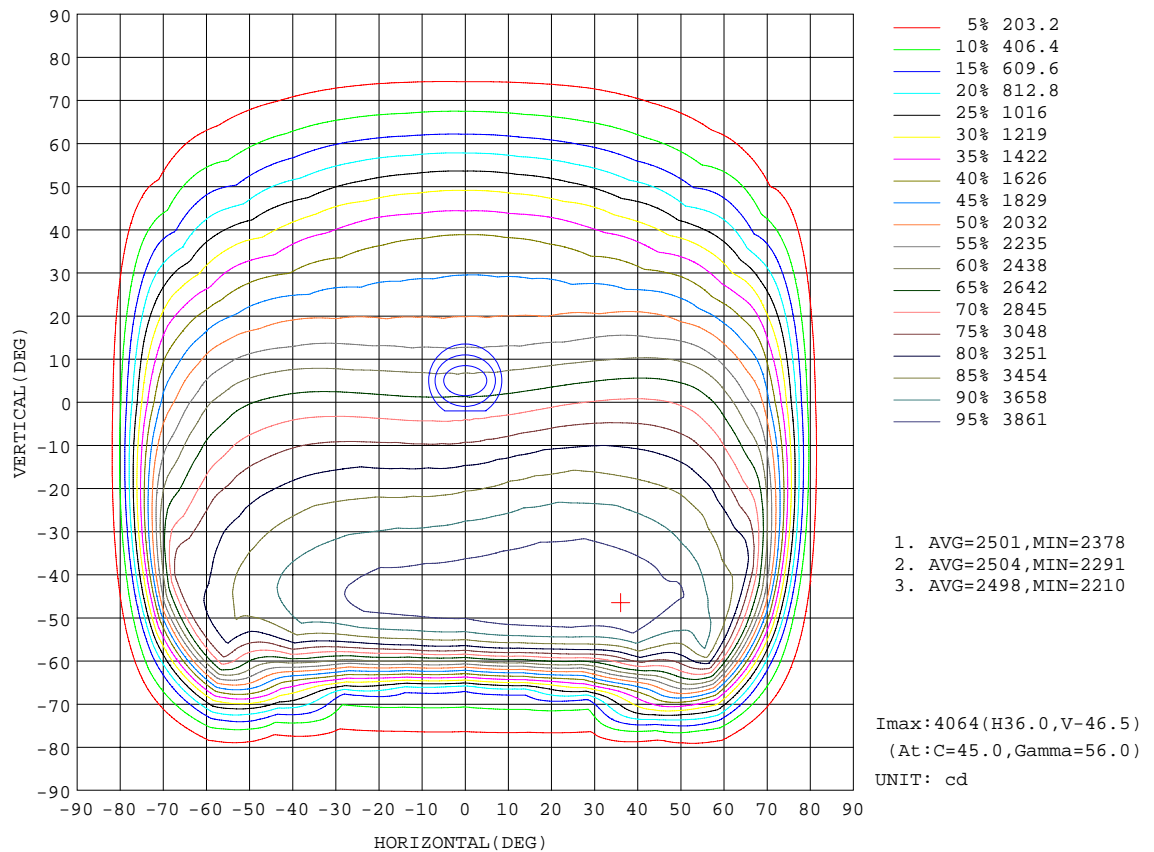
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2726	2996	3074	2957	2684	2420	2323	2438	0- 10	257.2	257.2	2.36,2.36
20	2793	3349	3431	3230	2706	2177	2024	2196	10- 20	771.3	1028	9.42,9.42
30	2850	3631	3713	3471	2729	1952	1816	1978	20- 30	1275	2303	21.1,21.1
40	2875	3842	3918	3668	2710	1709	1591	1732	30- 40	1737	4040	37,37
50	2816	4011	3863	3818	2626	1387	1180	1392	40- 50	2092	6133	56.2,56.2
60	2534	3997	2419	3697	2397	866.7	707.1	848.1	50- 60	2184	8317	76.2,76.2
70	1896	2549	434.3	1992	1883	392.0	330.9	364.9	60- 70	1682	10000	91.6,91.6
80	324.1	418.4	107.4	275.6	382.2	88.05	80.20	85.77	70- 80	835.5	10835	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	83.59	10919	100,100
100	0	0	0	0	0	0	0	0	90-100	0	10919	100,100
110	0	0	0	0	0	0	0	0	100-110	0	10919	100,100
120	0	0	0	0	0	0	0	0	110-120	0	10919	100,100
130	0	0	0	0	0	0	0	0	120-130	0	10919	100,100
140	0	0	0	0	0	0	0	0	130-140	0	10919	100,100
150	0	0	0	0	0	0	0	0	140-150	0	10919	100,100
160	0	0	0	0	0	0	0	0	150-160	0	10919	100,100
170	0	0	0	0	0	0	0	0	160-170	0	10919	100,100
180	0	0	0	0	0	0	0	0	170-180	0	10919	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

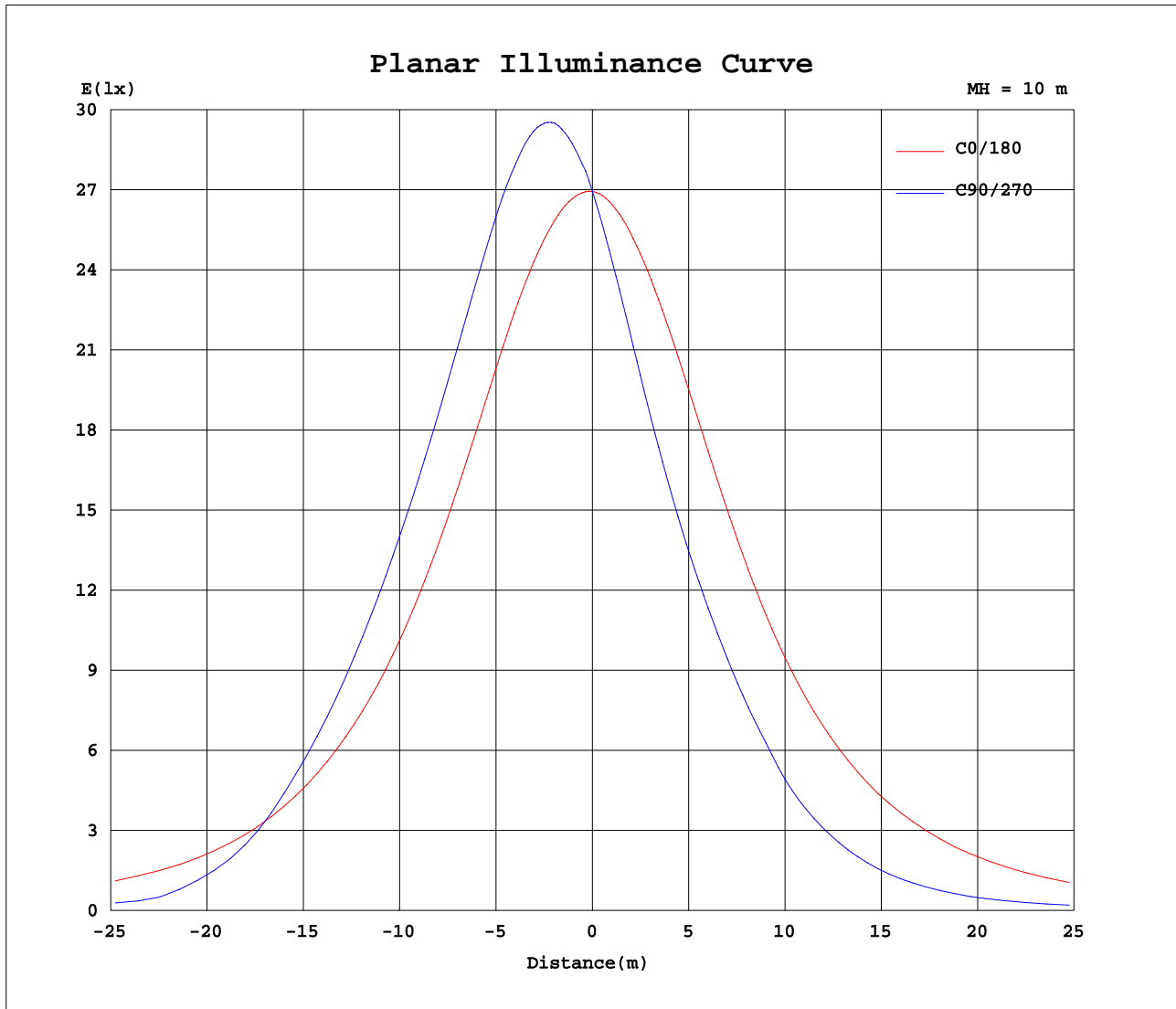
Test:U:219.3V I:0.3256A P:70.45W PF:0.9867 Freq:50.01Hz Lamp Flux:10918.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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



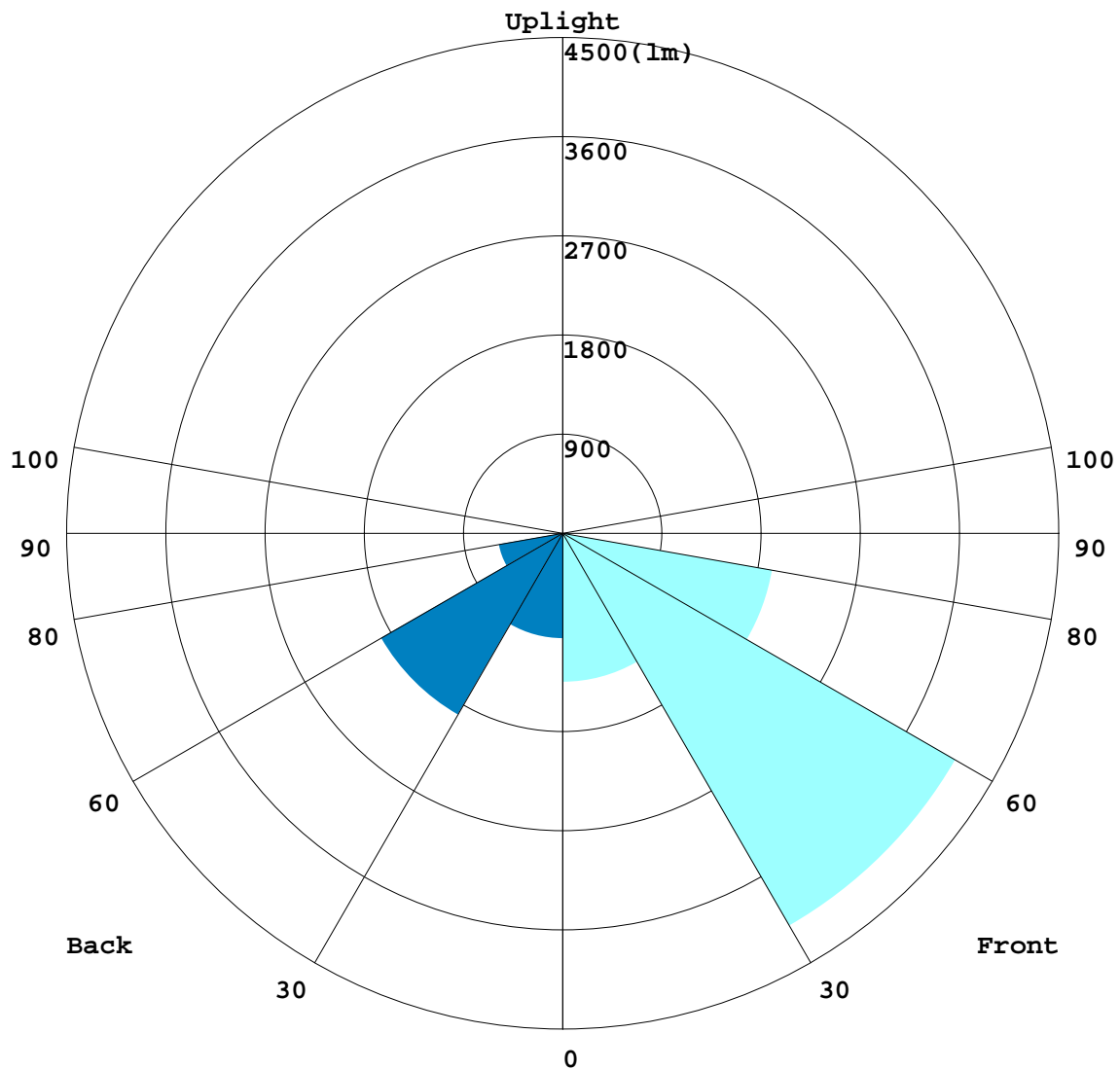
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-26

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:0.3256A P:70.45W PF:0.9867 Freq:50.01Hz Lamp Flux:10918.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-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:0.3256A P:70.45W PF:0.9867 Freq:50.01Hz Lamp Flux:10918.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-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)	1348.9	12.4
FM - Front-Medium(30-60)	4112.9	37.7
FH - Front-High(60-80)	1930.4	17.7
FVH - Front-Very High(80-90)	62.905	0.6
Total Forward Light	7455.1	68.3

BL - Back-Low(0-30)	954.3	8.7
BM - Back-Medium(30-60)	1901.1	17.4
BH - Back-High(60-80)	587.57	5.4
BVH - Back-Very High(80-90)	20.69	0.2
Total Back Light	3463.7	31.7

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	3463.7	0	3463.7
Street Side	7455.1	0	7455.1

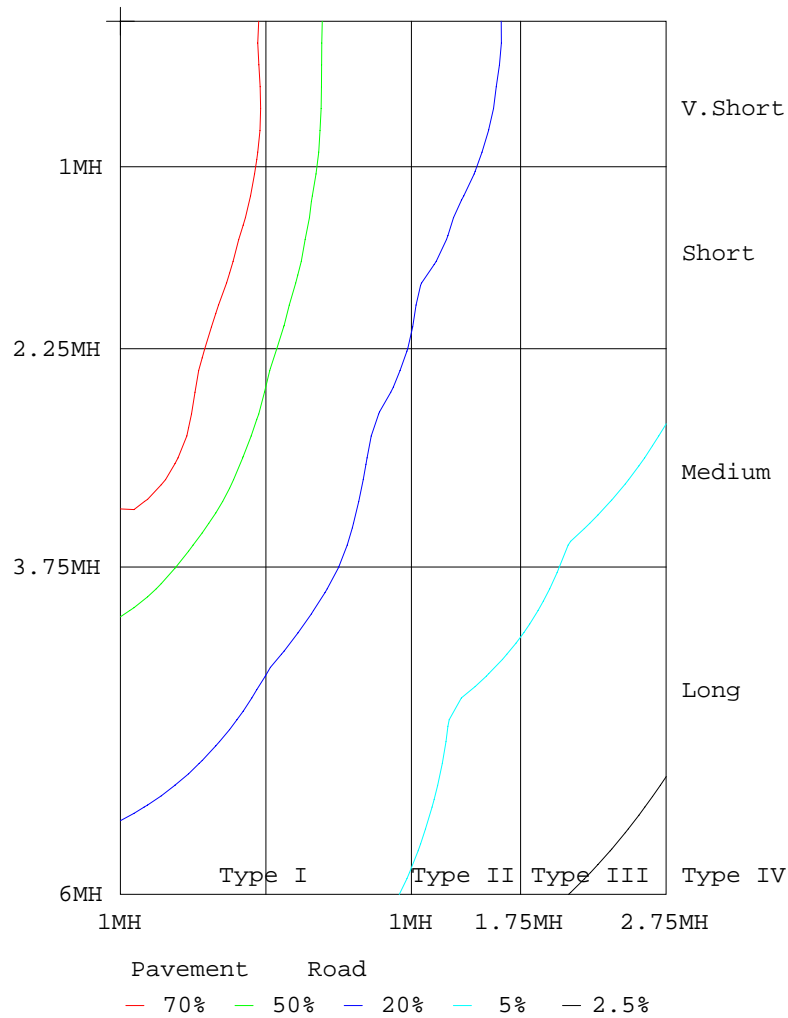
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-26

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:0.3256A P:70.45W PF:0.9867 Freq:50.01Hz Lamp Flux:10918.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-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:0.3256A P:70.45W PF:0.9867 Freq:50.01Hz Lamp Flux:10918.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T321-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	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691
5	2703	2753	2795	2835	2860	2878	2879	2872	2848	2820	2778	2733	2684	2635	2589	2550	2521	2503	2499
10	2726	2828	2919	2996	3043	3074	3074	3056	3012	2957	2875	2784	2684	2586	2495	2420	2364	2331	2323
15	2757	2918	3059	3175	3237	3268	3260	3234	3175	3097	2980	2843	2692	2542	2407	2297	2218	2172	2161
20	2793	3015	3206	3349	3416	3448	3431	3394	3322	3230	3086	2910	2706	2503	2319	2177	2086	2037	2024
25	2827	3110	3341	3500	3571	3602	3584	3541	3458	3355	3190	2976	2719	2457	2227	2063	1967	1919	1909
30	2850	3192	3456	3631	3706	3736	3713	3675	3587	3471	3285	3033	2729	2406	2130	1952	1856	1821	1816
35	2869	3255	3548	3742	3823	3857	3829	3797	3705	3578	3366	3082	2727	2344	2029	1839	1754	1724	1717
40	2875	3307	3625	3842	3930	3958	3918	3898	3817	3668	3433	3121	2710	2264	1909	1709	1635	1602	1591
45	2859	3352	3692	3930	4013	4013	3960	3949	3894	3751	3488	3139	2676	2160	1762	1568	1487	1414	1388
50	2816	3385	3753	4011	4046	3977	3863	3890	3911	3818	3537	3152	2626	2027	1579	1387	1253	1198	1180
55	2721	3394	3802	4063	3921	3674	3457	3552	3742	3845	3571	3155	2532	1849	1349	1130	1024	966	945
60	2534	3374	3842	3997	3414	2780	2419	2640	3156	3697	3584	3149	2397	1601	1085	867	784	727	707
65	2278	3317	3830	3590	2210	1454	1045	1288	1958	3165	3550	3105	2174	1271	758	613	558	499	487
70	1896	3305	3740	2549	970	510	434	474	671	1992	3349	3172	1883	849	475	392	362	335	331
75	1120	2408	3026	1510	333	277	247	265	300	1055	2683	2561	1218	423	253	218	206	195	181
80	324	757	1130	418	142	118	107	112	129	276	1004	913	382	136	102	88.0	92.1	78.6	80.2
85	44.0	69.1	128	60.4	38.2	31.5	26.8	29.3	34.2	50.9	131	77.1	45.5	31.3	25.1	23.1	24.4	23.5	24.2
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:2024-12-26

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:0.3256A P:70.45W PF:0.9867 Freq:50.01Hz Lamp Flux:10918.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-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	2691	2691	2691	2691	2691													
5	2506	2529	2560	2603	2651													
10	2338	2376	2438	2521	2619													
15	2178	2229	2317	2439	2588													
20	2043	2096	2196	2353	2558													
25	1928	1981	2080	2262	2523													
30	1831	1872	1978	2168	2480													
35	1729	1769	1863	2070	2426													
40	1607	1646	1732	1956	2353													
45	1412	1492	1581	1811	2256													
50	1195	1247	1392	1625	2123													
55	956	1013	1119	1385	1934													
60	714	761	848	1093	1657													
65	488	532	586	734	1295													
70	329	349	365	441	837													
75	192	203	208	231	384													
80	78.4	91.5	85.8	95.1	127													
85	23.6	24.6	23.6	25.2	30.7													
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:2024-12-26

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: