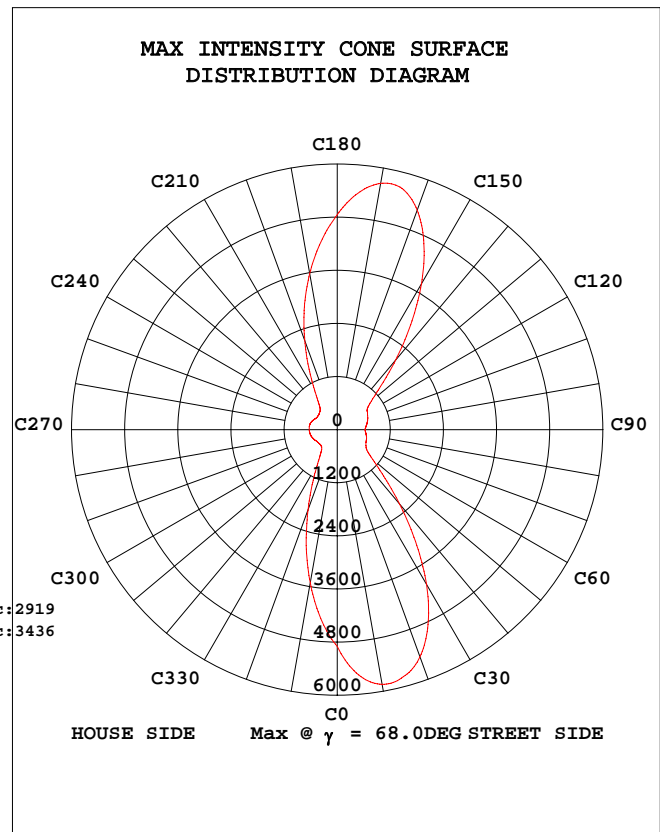
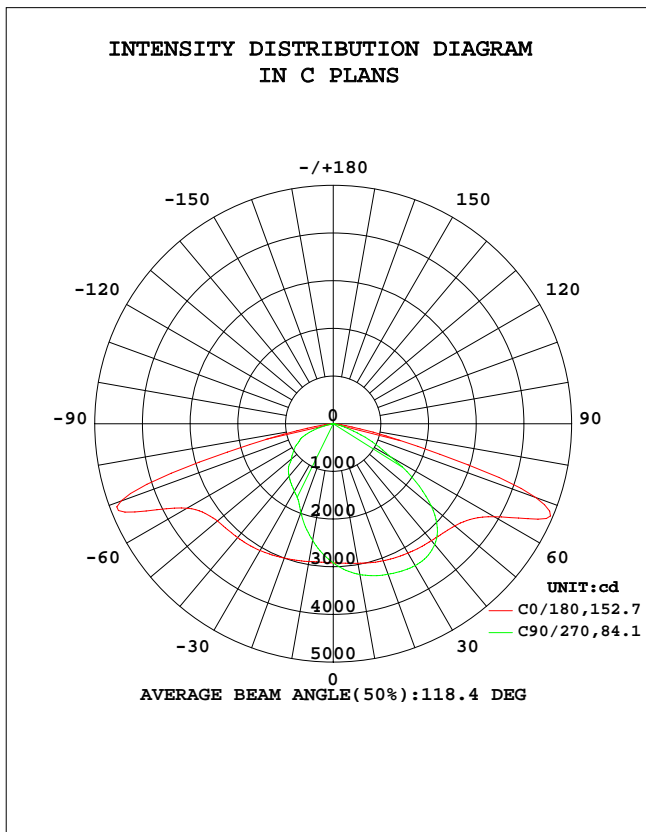


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.3714A P:79.61W PF:0.9777 Freq:50.00Hz Lamp Flux:11367.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WILE-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: 142.78 lm/W			
MODEL	3030	I _{max} (cd)	5776	η street_up(%)	0.0
NOMINAL POWER(W)	80	LOR(%)	100.0	η street_down(%)	62.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	11367	η house_up(%)	0.0
NOMINAL FLUX(lm)	11367.1	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	20.113

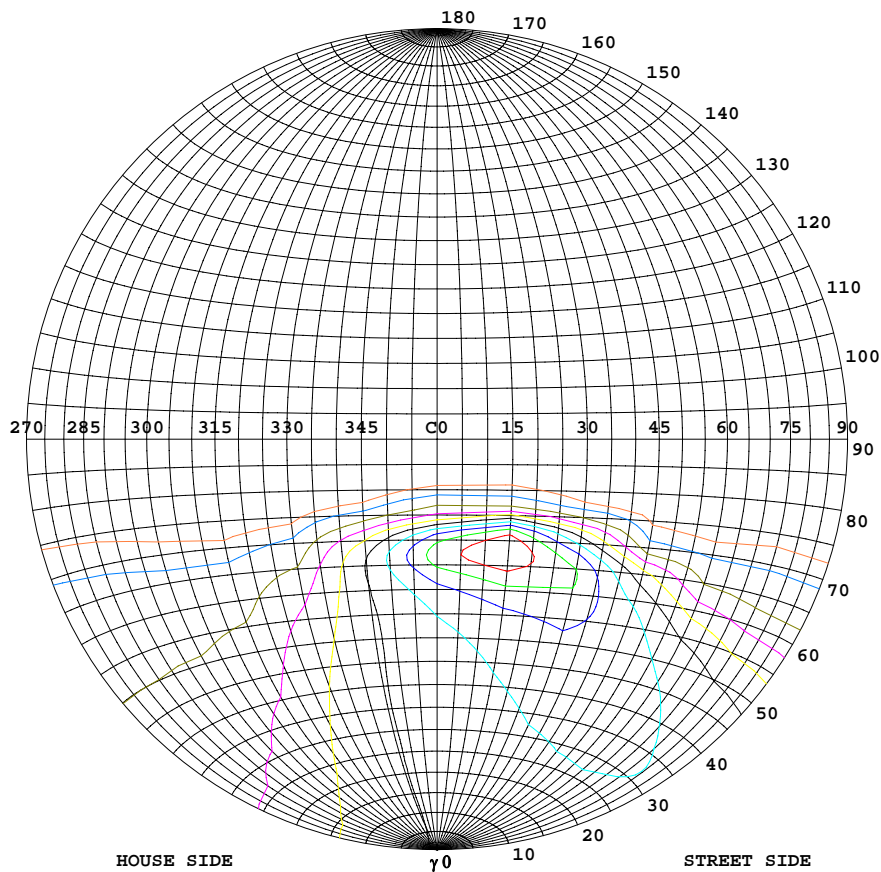


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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:219.3V I:0.3714A P:79.61W PF:0.9777 Freq:50.00Hz Lamp Flux:11367.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



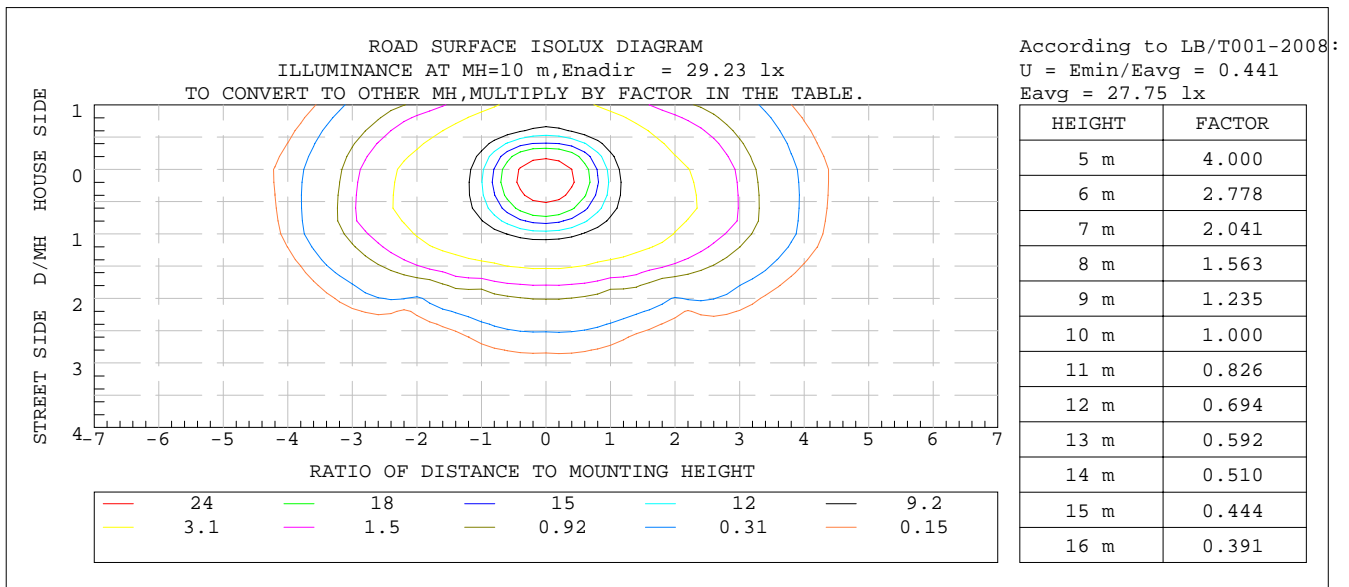
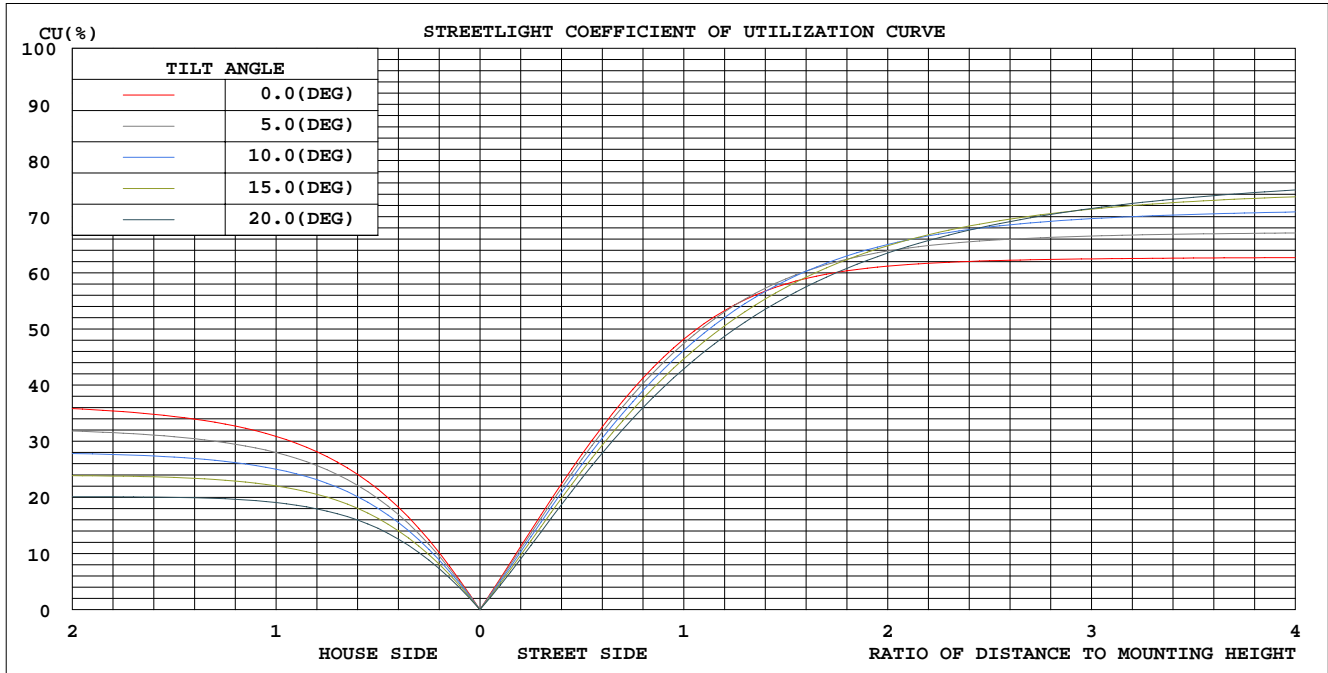
Classification:

IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:49.14cd/klm
Max.At90:0cd/klm
Max.80-90:49.14cd/klm
NRB 5101:Limited[3.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5776
90%	5198
80%	4621
70%	4043
60%	3466
50%	2888
40%	2310
30%	1733
20%	1155
10%	578
5%	289

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:219.3V I:0.3714A P:79.61W PF:0.9777 Freq:50.00Hz Lamp Flux:11367.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

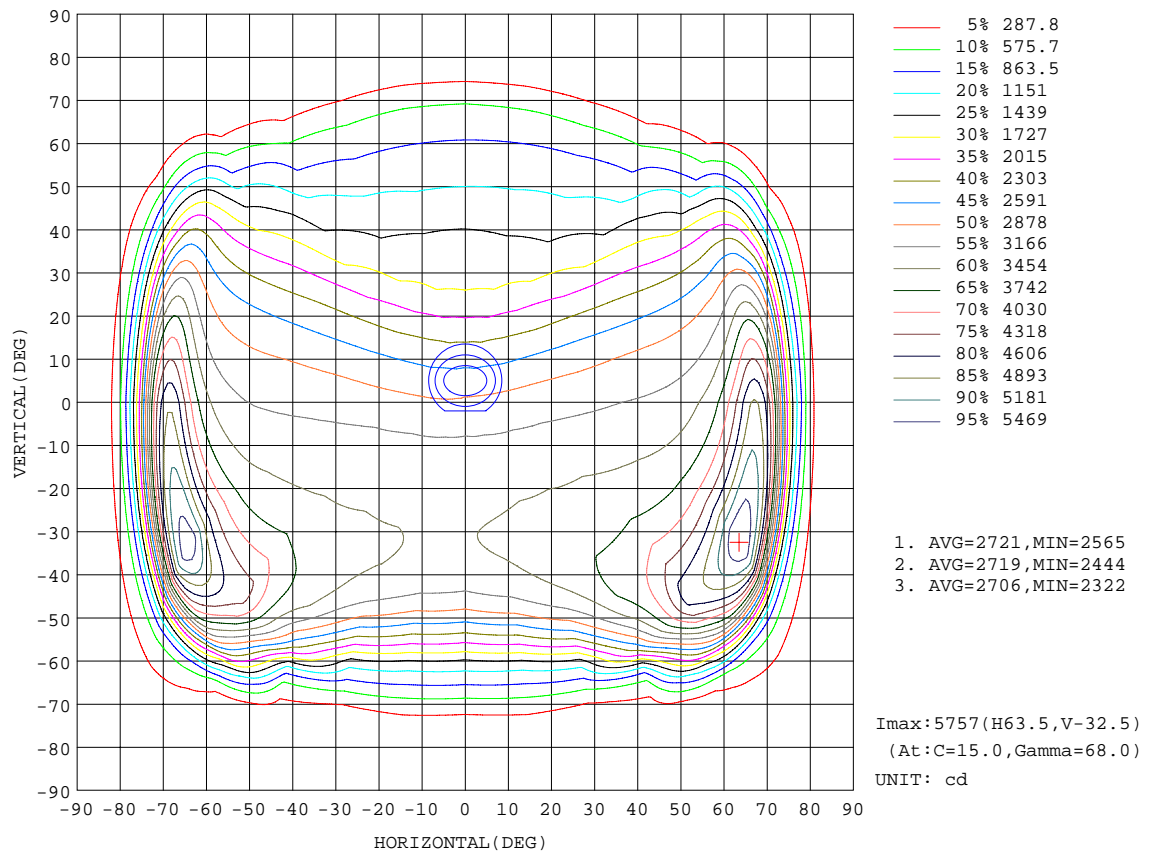
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2972	3165	3210	3141	2935	2634	2487	2657	0- 10	277.7	277.7	2.44,2.44
20	3059	3350	3360	3302	2999	2367	1987	2387	10- 20	815.3	1093	9.62,9.62
30	3132	3492	3436	3409	3072	2094	1634	2104	20- 30	1305	2398	21.1,21.1
40	3202	3654	3310	3529	3118	1776	1440	1753	30- 40	1736	4134	36.4,36.4
50	3331	3804	2683	3628	3174	1427	1150	1389	40- 50	2066	6200	54.5,54.5
60	3904	3344	1395	3150	3545	975.4	897.1	953.5	50- 60	2197	8397	73.9,73.9
70	4516	842.2	455.1	868.3	4729	404.6	535.7	365.8	60- 70	2081	10478	92.2,92.2
80	401.4	90.59	83.16	97.86	558.6	68.98	63.17	61.10	70- 80	841.0	11319	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	47.99	11367	100,100
100	0	0	0	0	0	0	0	0	90-100	0	11367	100,100
110	0	0	0	0	0	0	0	0	100-110	0	11367	100,100
120	0	0	0	0	0	0	0	0	110-120	0	11367	100,100
130	0	0	0	0	0	0	0	0	120-130	0	11367	100,100
140	0	0	0	0	0	0	0	0	130-140	0	11367	100,100
150	0	0	0	0	0	0	0	0	140-150	0	11367	100,100
160	0	0	0	0	0	0	0	0	150-160	0	11367	100,100
170	0	0	0	0	0	0	0	0	160-170	0	11367	100,100
180	0	0	0	0	0	0	0	0	170-180	0	11367	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
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

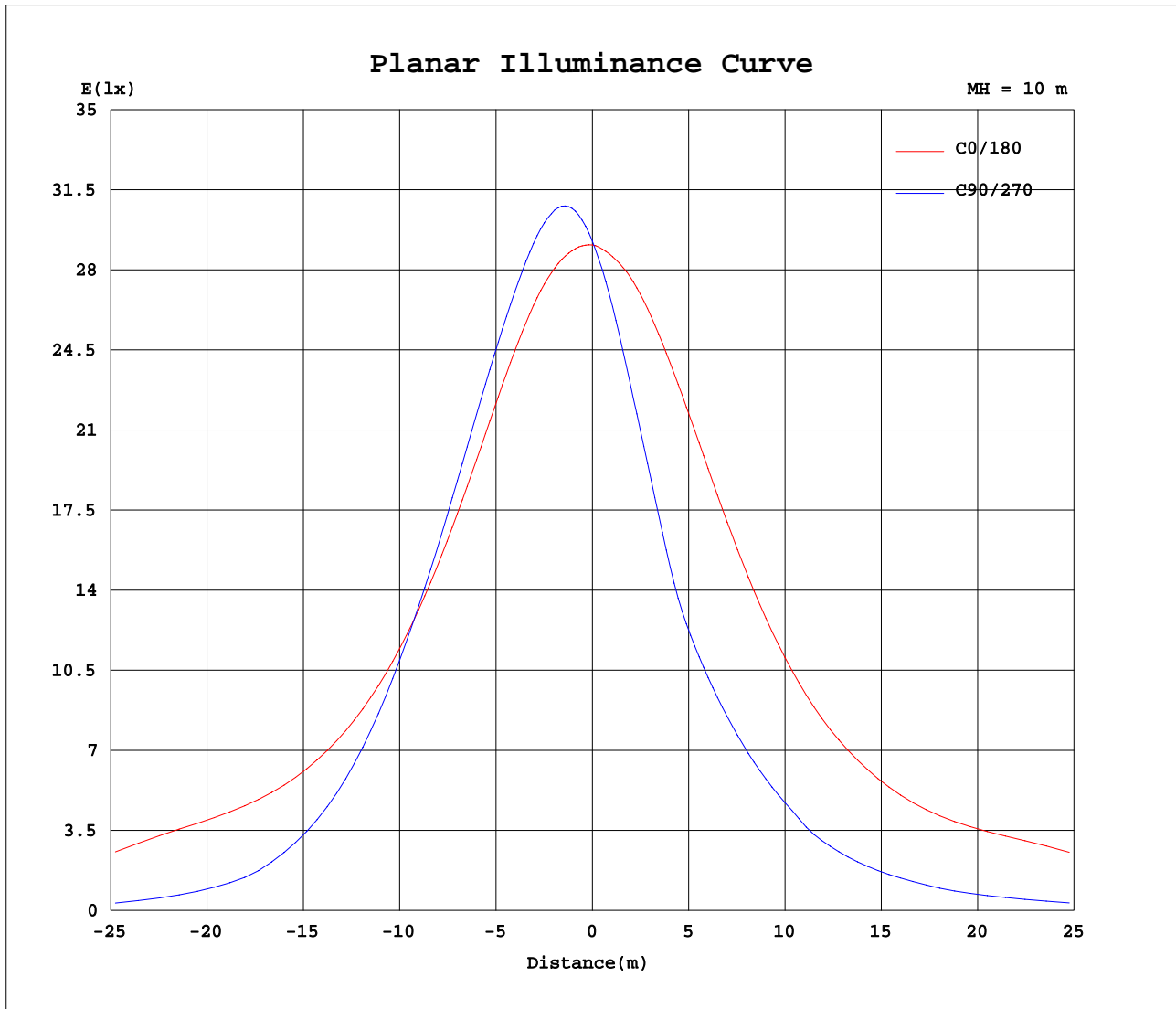
Test:U:219.3V I:0.3714A P:79.61W PF:0.9777 Freq:50.00Hz Lamp Flux:11367.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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



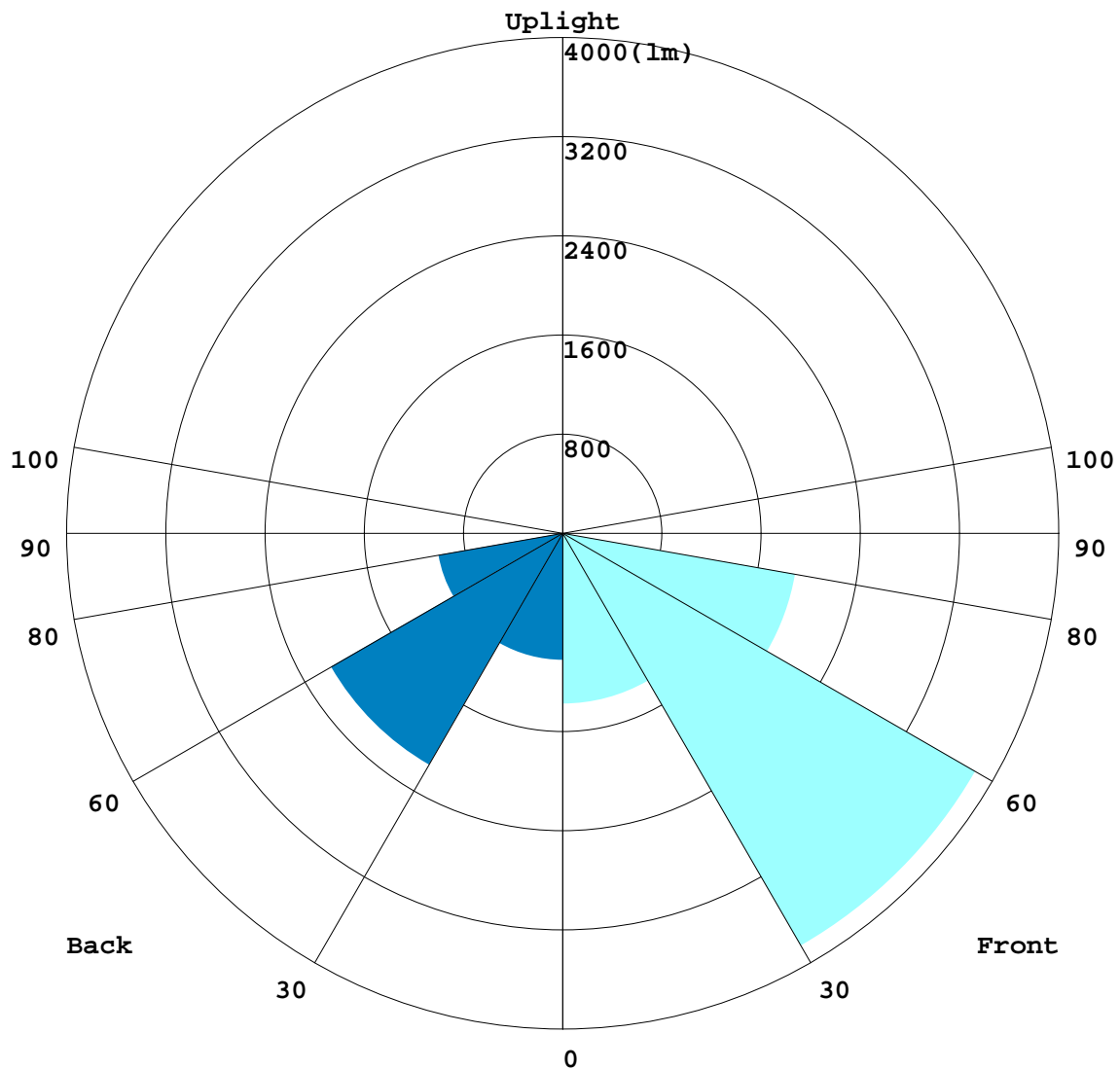
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-12

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:219.3V I:0.3714A P:79.61W PF:0.9777 Freq:50.00Hz Lamp Flux:11367.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-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:219.3V I:0.3714A P:79.61W PF:0.9777 Freq:50.00Hz Lamp Flux:11367.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WILE-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)	1375.3	12.1
FM - Front-Medium(30-60)	3843.2	33.8
FH - Front-High(60-80)	1905.2	16.8
FVH - Front-Very High(80-90)	28.856	0.3
Total Forward Light	7152.5	62.9

BL - Back-Low(0-30)	1022.3	9.0
BM - Back-Medium(30-60)	2155.8	19.0
BH - Back-High(60-80)	1017.3	8.9
BVH - Back-Very High(80-90)	19.138	0.2
Total Back Light	4214.6	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
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4214.6	0	4214.6
Street Side	7152.5	0	7152.5

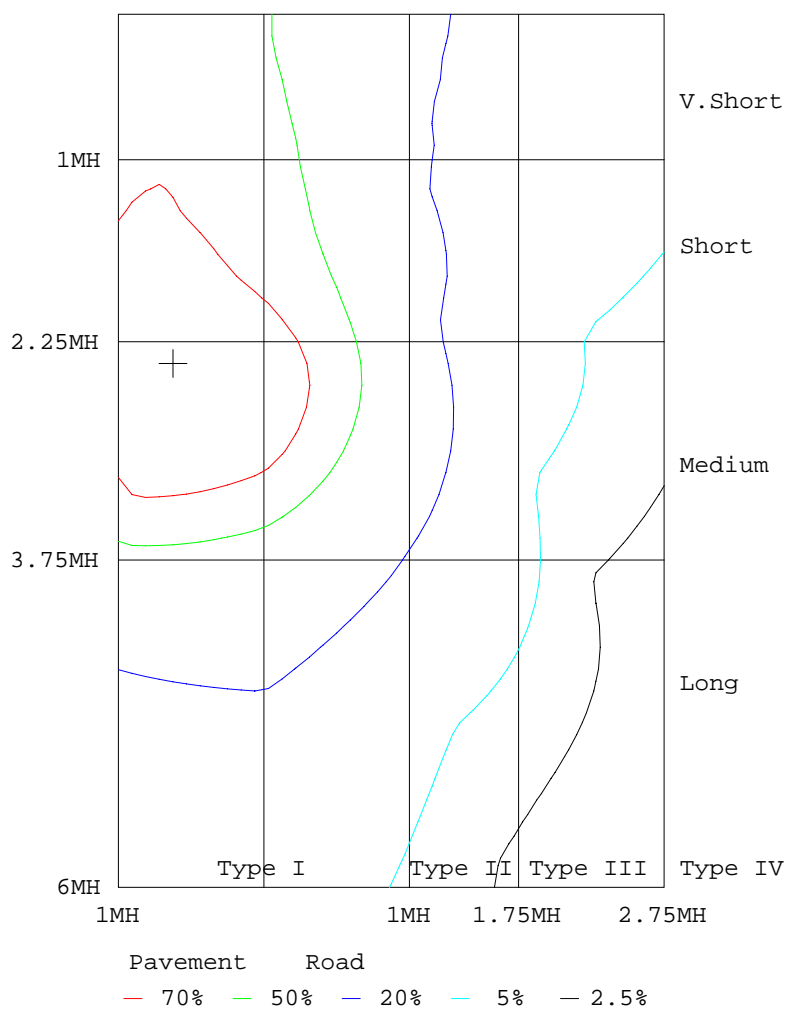
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-12

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:219.3V I:0.3714A P:79.61W PF:0.9777 Freq:50.00Hz Lamp Flux:11367.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-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:219.3V I:0.3714A P:79.61W PF:0.9777 Freq:50.00Hz Lamp Flux:11367.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T211-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	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919
5	2937	2981	3020	3050	3071	3084	3086	3079	3060	3036	3002	2960	2914	2867	2820	2776	2746	2724	2721
10	2972	3053	3118	3165	3193	3210	3210	3201	3174	3141	3088	3019	2935	2840	2739	2634	2554	2497	2487
15	3018	3130	3211	3263	3288	3303	3300	3290	3263	3230	3170	3084	2966	2827	2667	2499	2364	2269	2246
20	3059	3199	3292	3350	3370	3373	3360	3351	3332	3302	3238	3141	2999	2819	2599	2367	2173	2030	1987
25	3098	3262	3364	3425	3439	3432	3408	3397	3383	3360	3297	3198	3036	2818	2534	2233	1971	1792	1753
30	3132	3319	3433	3492	3497	3473	3436	3430	3428	3409	3350	3244	3072	2816	2474	2094	1785	1651	1634
35	3168	3373	3503	3566	3547	3474	3412	3424	3459	3466	3402	3288	3099	2809	2405	1942	1622	1546	1538
40	3202	3431	3593	3654	3558	3409	3310	3354	3458	3529	3469	3334	3118	2803	2320	1776	1490	1442	1440
45	3250	3515	3721	3741	3502	3234	3088	3180	3386	3590	3580	3395	3139	2789	2216	1597	1364	1329	1330
50	3331	3656	3913	3804	3298	2872	2683	2812	3177	3628	3743	3489	3174	2766	2086	1427	1228	1144	1150
55	3504	3934	4188	3739	2825	2294	2106	2263	2715	3543	3980	3693	3279	2744	1914	1238	1024	1008	1022
60	3904	4487	4552	3344	2049	1561	1395	1557	1981	3150	4276	4145	3545	2756	1680	975	866	882	897
65	4739	5440	4623	2520	1121	959	905	974	1127	2343	4293	5034	4330	2860	1332	752	676	719	752
70	4516	5559	3359	842	501	498	455	511	550	868	3262	5574	4729	2659	806	405	432	514	536
75	1836	2443	1144	246	178	186	184	189	181	264	1213	2922	2299	1203	271	175	180	239	249
80	401	389	153	90.6	79.3	82.9	83.2	85.9	84.2	97.9	150	476	559	168	80.3	69.0	68.0	67.4	63.2
85	35.0	48.6	31.1	23.9	20.1	21.3	19.8	23.2	23.7	28.5	35.0	70.7	67.3	30.9	21.4	17.4	17.0	15.1	14.9
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:219.3V I:0.3714A P:79.61W PF:0.9777 Freq:50.00Hz Lamp Flux:11367.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-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	2919	2919	2919	2919	2919														
5	2726	2754	2791	2837	2888														
10	2502	2570	2657	2766	2873														
15	2273	2379	2525	2703	2870														
20	2028	2180	2387	2636	2867														
25	1797	1980	2250	2566	2860														
30	1642	1783	2104	2503	2857														
35	1531	1605	1935	2423	2858														
40	1430	1467	1753	2327	2853														
45	1328	1342	1566	2214	2840														
50	1158	1218	1389	2065	2828														
55	1032	1041	1191	1871	2826														
60	901	891	954	1605	2858														
65	728	683	732	1196	2925														
70	497	417	366	690	2317														
75	227	168	159	197	835														
80	63.3	63.2	61.1	69.0	126														
85	14.2	14.9	14.2	16.7	22.7														
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: