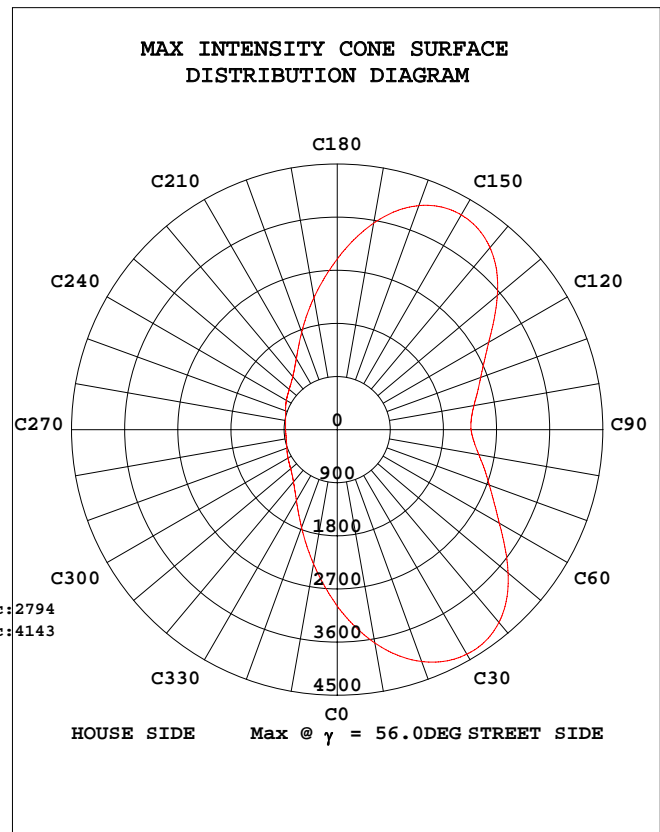
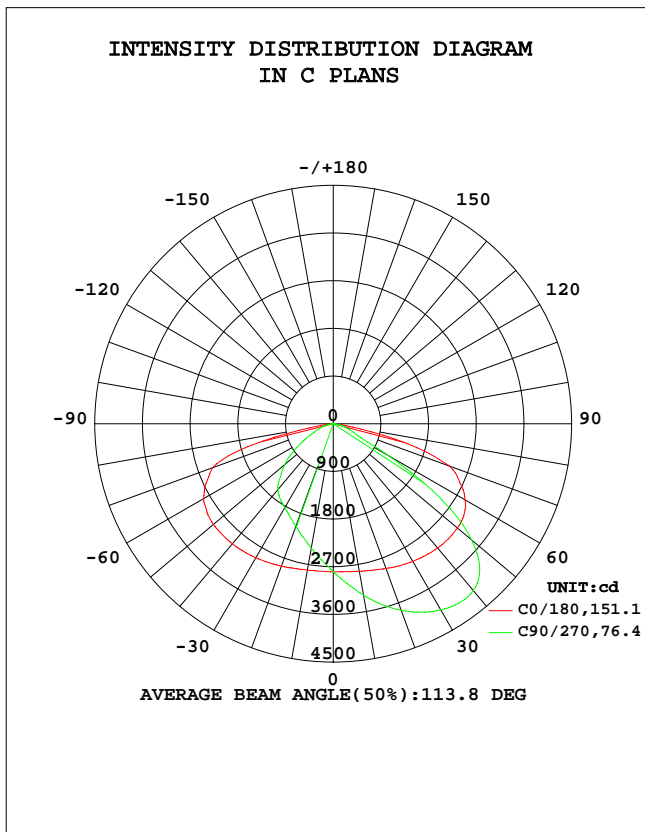


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.3228A P:69.82W PF:0.9864 Freq:50.01Hz Lamp Flux:10995.7x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WILE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 157.49 lm/W			
MODEL	3030	I _{max} (cd)	4391	η street_up(%)	0.0
NOMINAL POWER(W)	70	LOR(%)	100.0	η street_down(%)	67.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	10996	η house_up(%)	0.0
NOMINAL FLUX(lm)	10995.7	MAXIMUM @(C,γ)	30,56.0	η house_down(%)	32.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.971

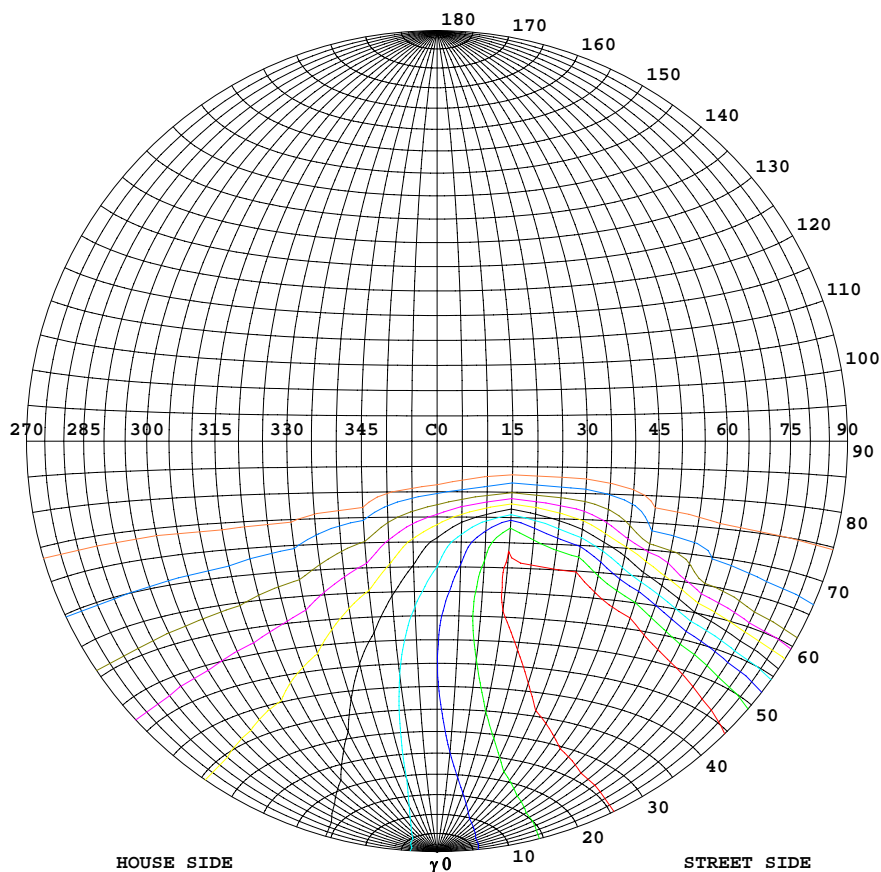


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

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:0.3228A P:69.82W PF:0.9864 Freq:50.01Hz Lamp Flux:10995.7x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



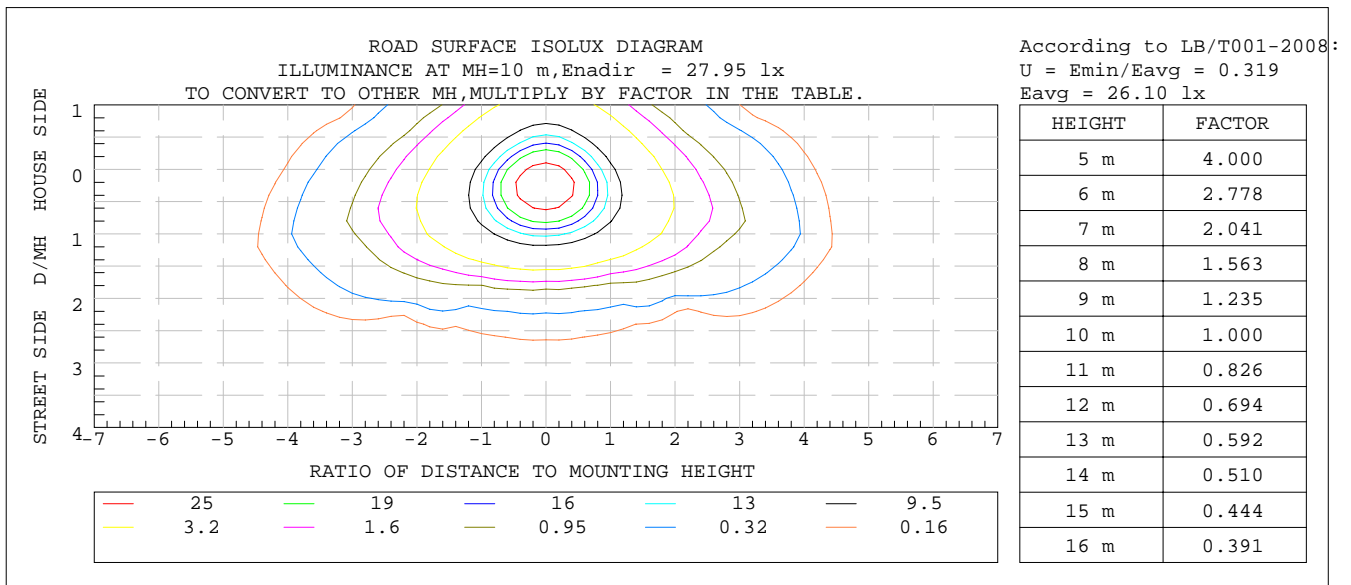
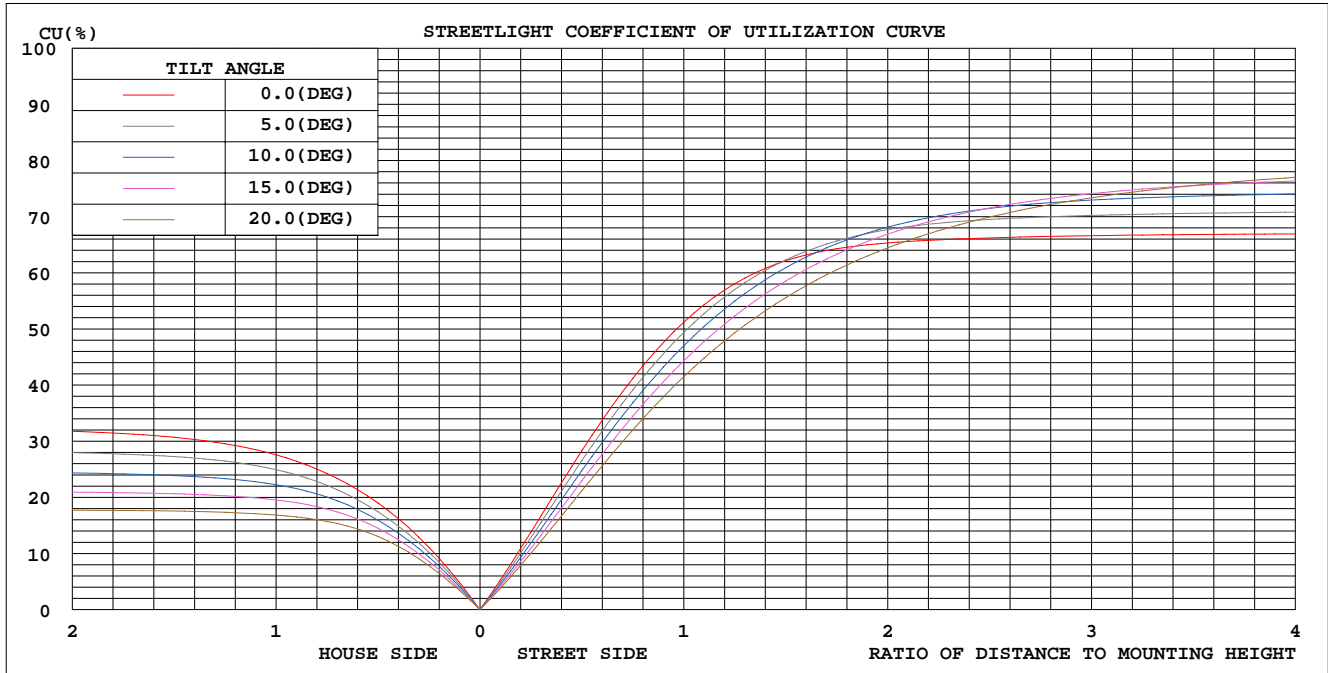
Classification:

IES:Type II - Short
CIE:Average - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:75.76cd/klm
Max.At90:0cd/klm
Max.80-90:75.76cd/klm
NRB 5101:Semi limited[22.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4391
90%	3952
80%	3513
70%	3074
60%	2635
50%	2195
40%	1756
30%	1317
20%	878
10%	439
5%	220

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:0.3228A P:69.82W PF:0.9864 Freq:50.01Hz Lamp Flux:10995.7x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

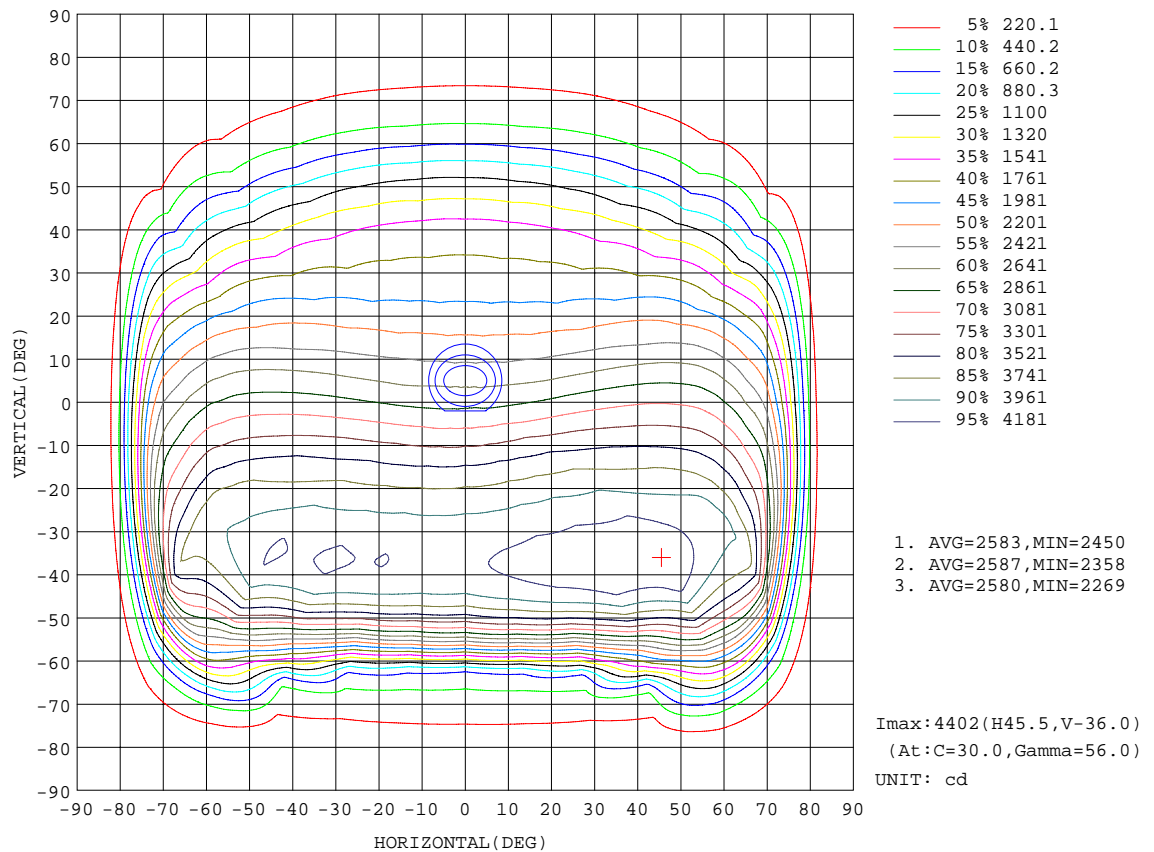
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	2827	3169	3284	3144	2805	2504	2387	2505	0- 10	268.2	268.2	2.44,2.44
20	2907	3602	3748	3524	2859	2249	2061	2246	10- 20	813.0	1081	9.83,9.83
30	3000	3963	4058	3869	2921	2011	1830	2005	20- 30	1358	2439	22.2,22.2
40	3063	4243	4111	4140	2960	1769	1625	1768	30- 40	1866	4305	39.2,39.2
50	3060	4351	3409	4188	2953	1448	1195	1429	40- 50	2231	6536	59.4,59.4
60	2870	3518	1209	3220	2823	876.4	647.3	847.2	50- 60	2175	8711	79.2,79.2
70	2330	1213	336.5	822.9	2424	318.9	296.5	319.7	60- 70	1511	10222	93,93
80	380.8	148.2	86.51	135.2	460.5	87.70	78.89	87.00	70- 80	705.7	10928	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	68.17	10996	100,100
100	0	0	0	0	0	0	0	0	90-100	0	10996	100,100
110	0	0	0	0	0	0	0	0	100-110	0	10996	100,100
120	0	0	0	0	0	0	0	0	110-120	0	10996	100,100
130	0	0	0	0	0	0	0	0	120-130	0	10996	100,100
140	0	0	0	0	0	0	0	0	130-140	0	10996	100,100
150	0	0	0	0	0	0	0	0	140-150	0	10996	100,100
160	0	0	0	0	0	0	0	0	150-160	0	10996	100,100
170	0	0	0	0	0	0	0	0	160-170	0	10996	100,100
180	0	0	0	0	0	0	0	0	170-180	0	10996	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

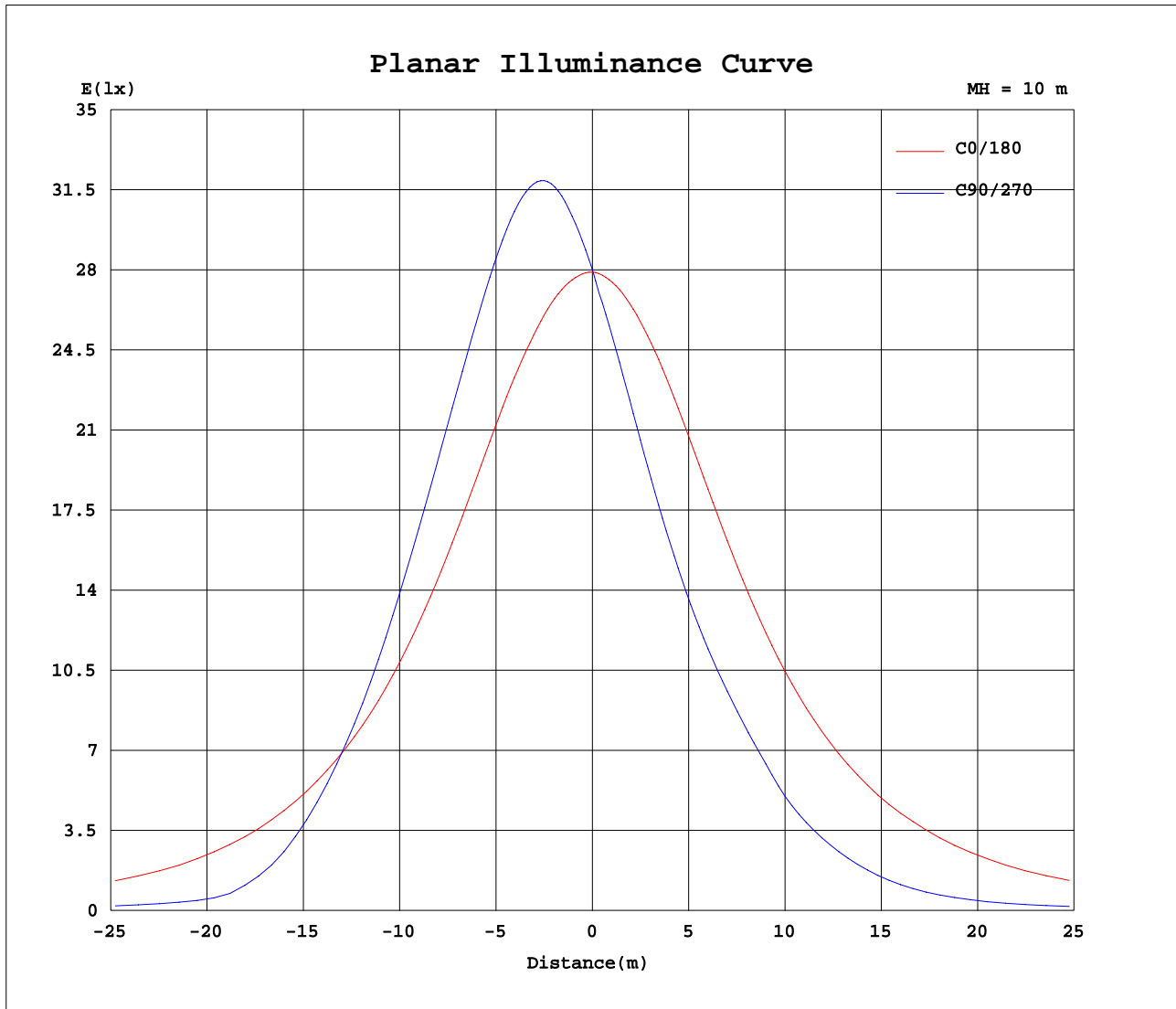
Test:U:219.3V I:0.3228A P:69.82W PF:0.9864 Freq:50.01Hz Lamp Flux:10995.7x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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



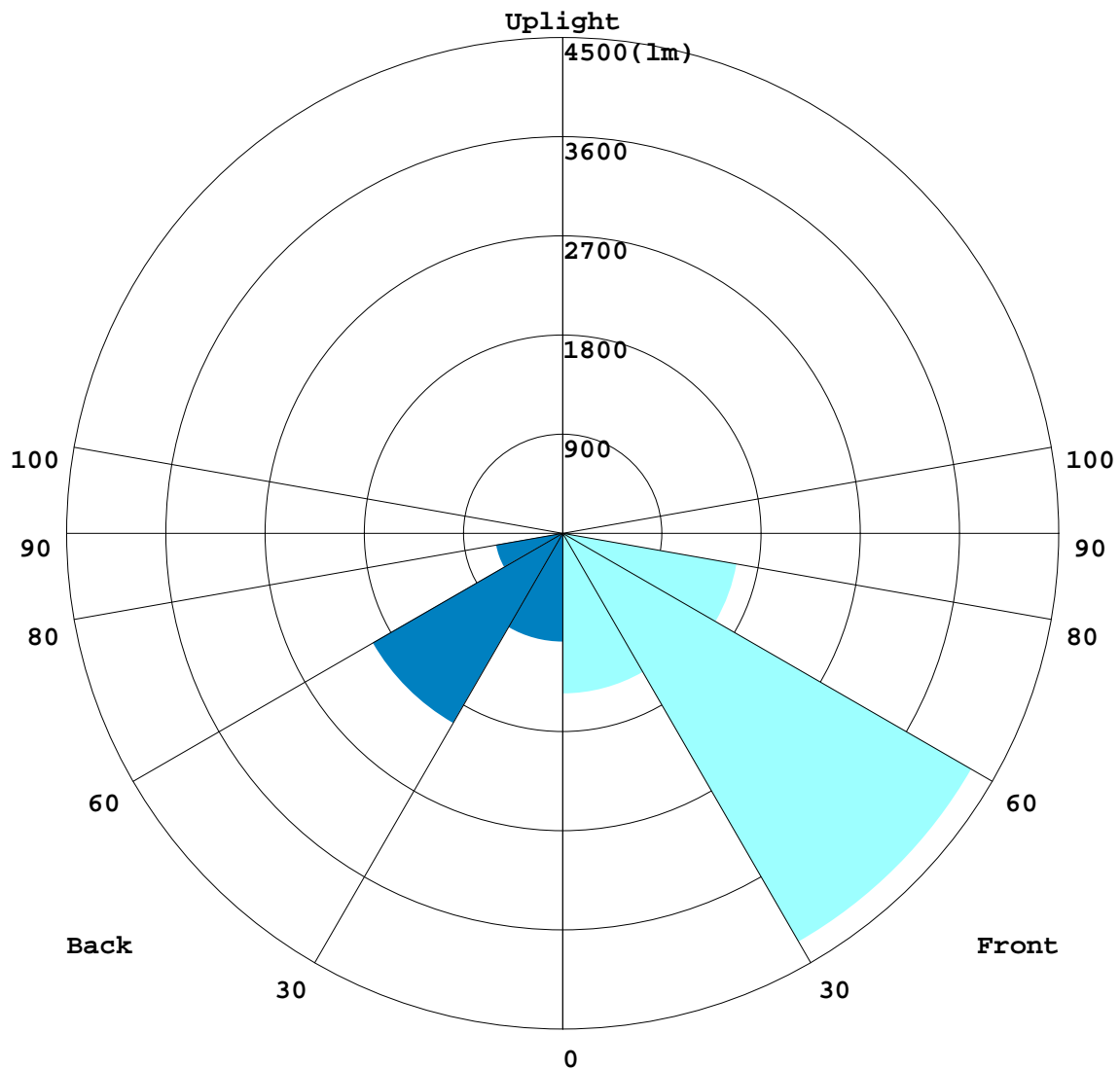
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-26

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:0.3228A P:69.82W PF:0.9864 Freq:50.01Hz Lamp Flux:10995.7x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T221-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:0.3228A P:69.82W PF:0.9864 Freq:50.01Hz Lamp Flux:10995.7x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T221-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)	1455.1	13.2
FM - Front-Medium(30-60)	4282.3	38.9
FH - Front-High(60-80)	1604	14.6
FVH - Front-Very High(80-90)	46.458	0.4
Total Forward Light	7387.8	67.2

BL - Back-Low(0-30)	984.14	9.0
BM - Back-Medium(30-60)	1989.3	18.1
BH - Back-High(60-80)	612.76	5.6
BVH - Back-Very High(80-90)	21.712	0.2
Total Back Light	3607.9	32.8

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	3607.9	0	3607.9
Street Side	7387.8	0	7387.8

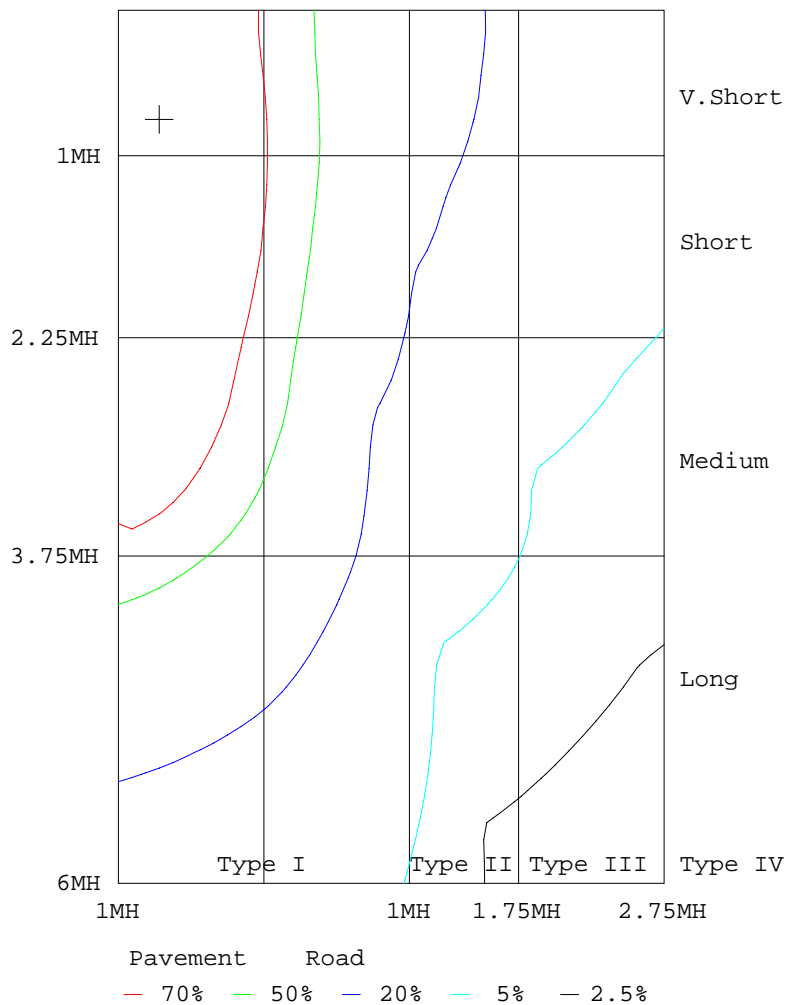
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-26

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:0.3228A P:69.82W PF:0.9864 Freq:50.01Hz Lamp Flux:10995.7x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T221-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:0.3228A P:69.82W PF:0.9864 Freq:50.01Hz Lamp Flux:10995.7x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T221-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	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794
5	2803	2863	2919	2967	3004	3026	3029	3023	2997	2961	2909	2853	2793	2734	2682	2635	2606	2584	2579
10	2827	2954	3071	3169	3237	3277	3284	3265	3215	3144	3044	2931	2805	2685	2589	2504	2443	2400	2387
15	2862	3063	3252	3393	3482	3528	3530	3504	3437	3337	3193	3019	2827	2648	2502	2375	2287	2231	2213
20	2907	3186	3433	3602	3699	3747	3748	3718	3642	3524	3346	3119	2859	2618	2412	2249	2146	2083	2061
25	2958	3308	3603	3794	3888	3932	3925	3902	3828	3702	3499	3225	2892	2583	2323	2129	2015	1952	1934
30	3000	3424	3761	3963	4047	4078	4058	4047	3987	3869	3651	3324	2921	2545	2230	2011	1894	1842	1830
35	3035	3525	3906	4108	4178	4182	4134	4144	4113	4014	3792	3424	2946	2495	2129	1895	1790	1753	1740
40	3063	3624	4045	4243	4263	4201	4111	4151	4181	4140	3923	3520	2960	2427	2012	1769	1686	1646	1625
45	3073	3724	4178	4341	4236	4063	3909	3984	4126	4220	4051	3613	2962	2339	1870	1634	1538	1446	1409
50	3060	3832	4304	4351	3999	3644	3409	3532	3842	4188	4169	3715	2953	2221	1691	1448	1295	1225	1195
55	3012	3940	4387	4141	3354	2800	2507	2668	3155	3918	4209	3821	2909	2050	1443	1175	1051	968	936
60	2870	4016	4321	3518	2219	1494	1209	1390	2011	3220	4071	3929	2823	1788	1153	876	753	669	647
65	2638	4028	3918	2379	941	559	488	544	785	2087	3607	3903	2646	1430	771	548	480	433	425
70	2330	3896	3020	1213	425	359	336	353	411	823	2578	3804	2424	942	416	319	305	299	297
75	1435	2869	1690	340	245	221	210	218	234	310	1516	2877	1674	435	201	188	190	187	185
80	381	833	564	148	111	97.6	86.5	93.5	106	135	440	791	460	116	92.1	87.7	91.8	81.1	78.9
85	47.4	80.8	90.9	41.8	29.0	25.1	21.5	23.3	26.0	37.4	82.7	82.1	48.8	32.0	26.9	24.3	25.9	24.1	24.7
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:0.3228A P:69.82W PF:0.9864 Freq:50.01Hz Lamp Flux:10995.7x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-70WiLE-NV-L3-00-5070-T221-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	2794	2794	2794	2794	2794														
5	2585	2608	2639	2686	2740														
10	2400	2441	2505	2594	2700														
15	2230	2282	2372	2505	2665														
20	2079	2138	2246	2414	2634														
25	1950	2007	2123	2321	2604														
30	1843	1889	2005	2224	2566														
35	1749	1787	1895	2124	2523														
40	1637	1676	1768	2010	2459														
45	1430	1518	1624	1874	2377														
50	1206	1267	1429	1693	2256														
55	950	1021	1141	1442	2070														
60	658	724	847	1135	1790														
65	428	471	537	738	1404														
70	298	307	320	403	908														
75	187	191	190	202	385														
80	79.4	92.6	87.0	90.9	114														
85	24.4	26.2	24.5	26.7	31.9														
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

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T

Humidity:65.0%

Test Distance:7.682m [K=1.0000]

Remarks: