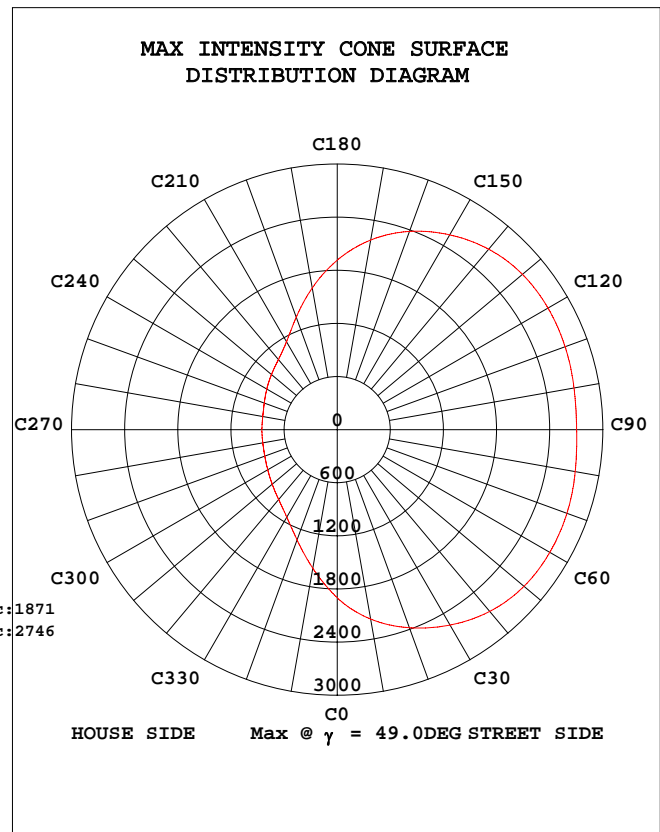
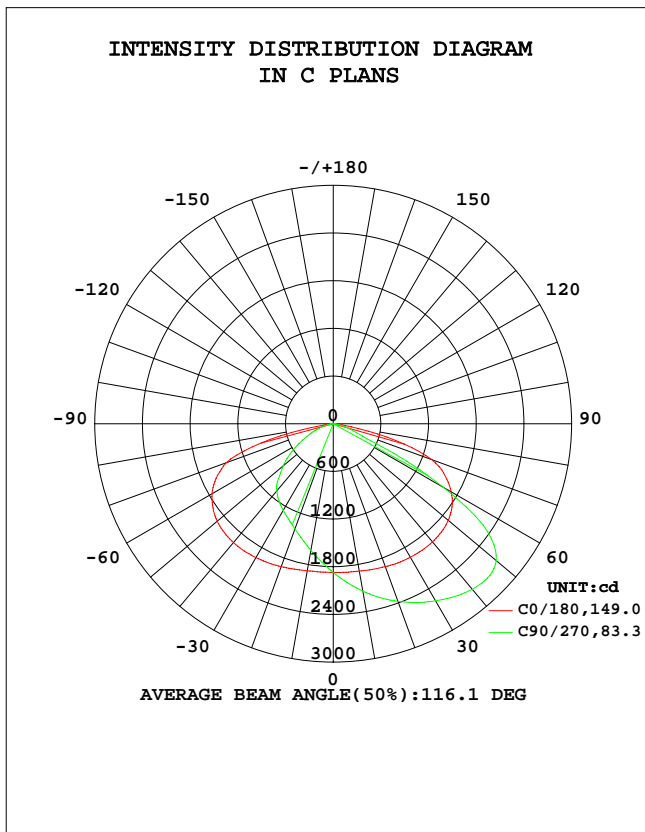


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.2342A P:50.80W PF:0.9890 Freq:50.01Hz Lamp Flux:7625.31x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WILE-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: 150.12 lm/W			
MODEL	3030	Imax(cd)	2772	η street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	100.0	η street_down(%)	68.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7625	η house_up(%)	0.0
NOMINAL FLUX(lm)	7625.31	MAXIMUM @(C, γ)	60,49.0	η house_down(%)	32.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.262

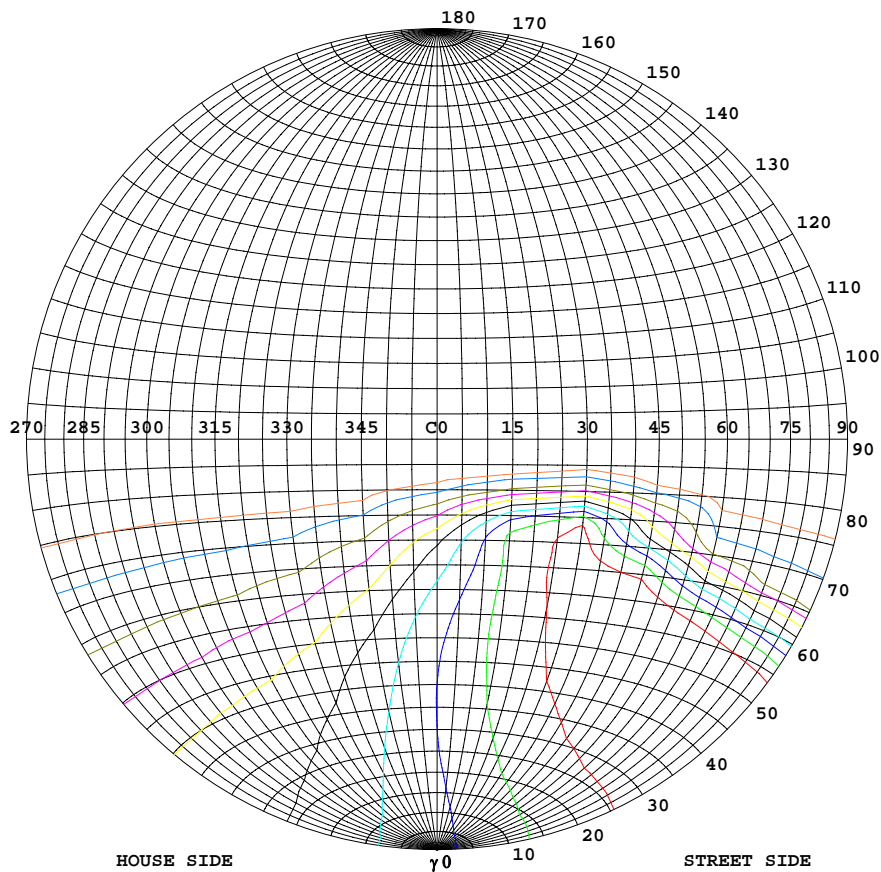


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-1-3

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:0.2342A P:50.80W PF:0.9890 Freq:50.01Hz Lamp Flux:7625.31x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



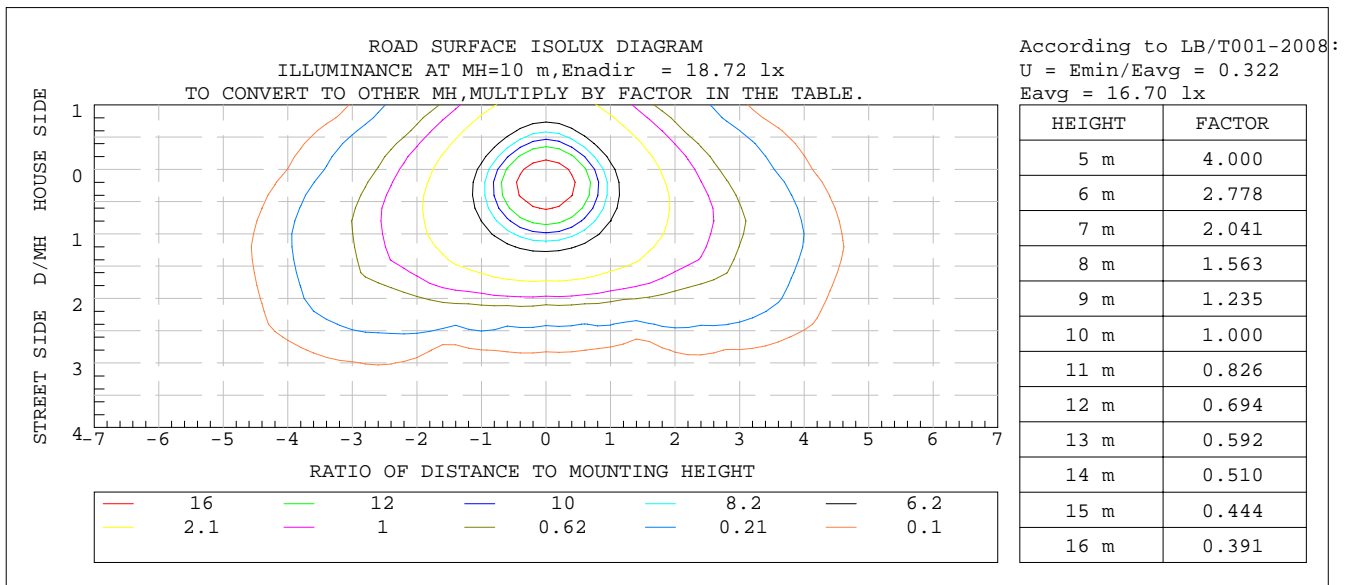
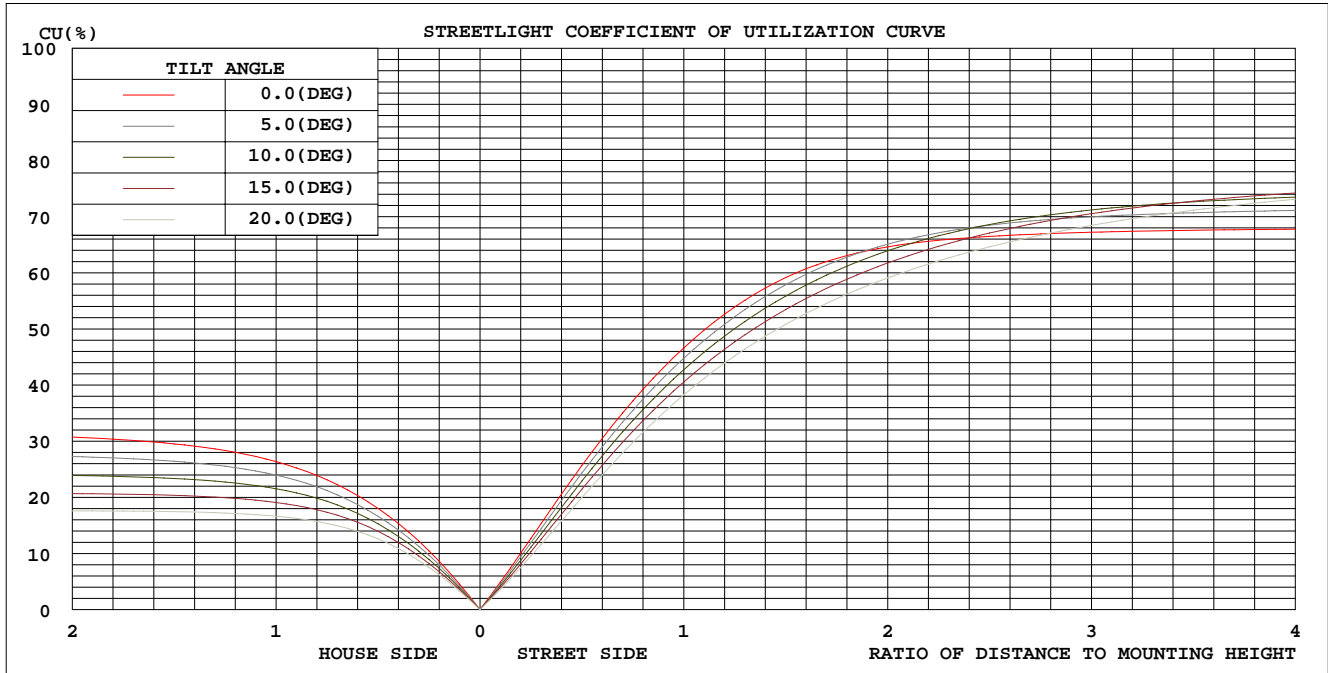
Classification:

IES:Type III - Very Short
CIE:Broad - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:113.6cd/klm
Max.At90:0cd/klm
Max.80-90:113.6cd/klm
NRB 5101:Semi limited[22.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2772
90%	2494
80%	2217
70%	1940
60%	1663
50%	1386
40%	1109
30%	831
20%	554
10%	277
5%	139

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-1-3

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: 2025-1-3

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:0.2342A P:50.80W PF:0.9890 Freq:50.01Hz Lamp Flux:7625.31x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

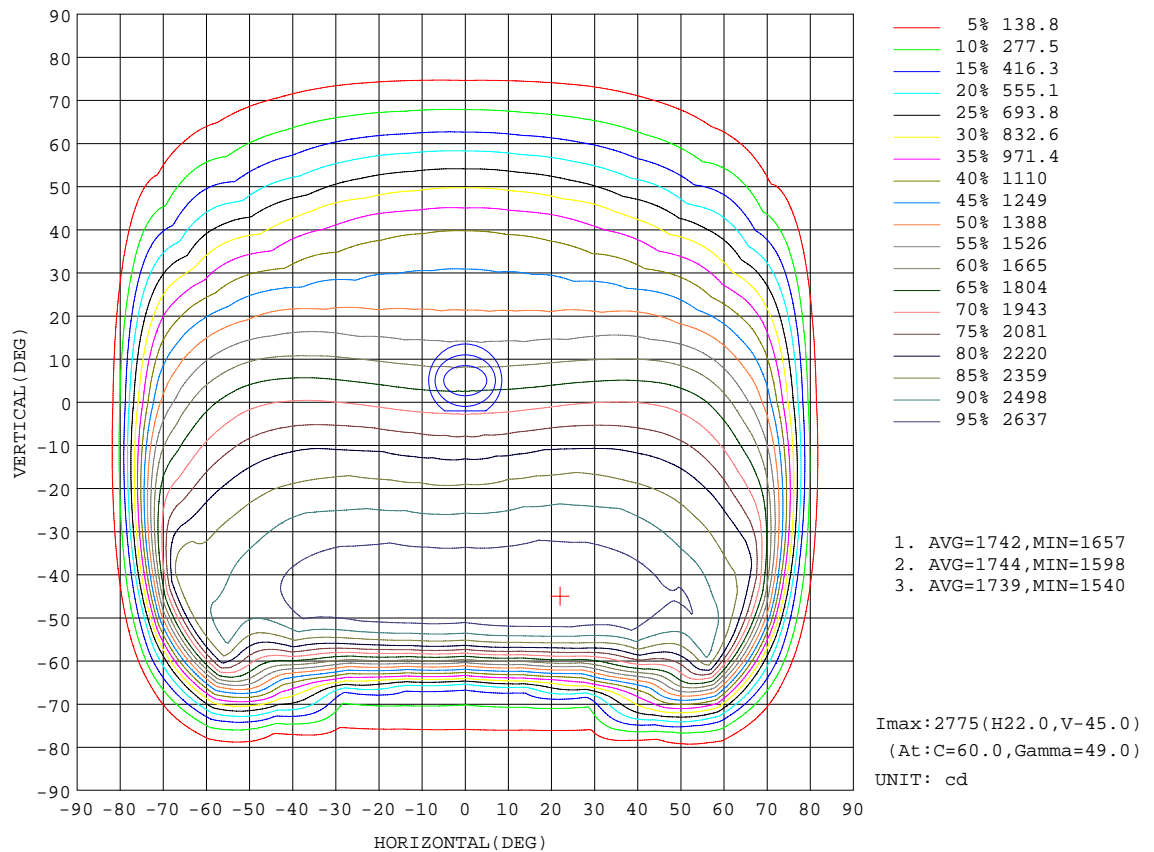
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1884	2071	2138	2067	1879	1692	1620	1690	0- 10	179.0	179.0	2.35,2.35
20	1914	2292	2379	2271	1914	1528	1410	1518	10- 20	536.5	715.5	9.38,9.38
30	1941	2474	2573	2451	1945	1373	1260	1366	20- 30	886.1	1602	21,21
40	1942	2613	2720	2599	1953	1200	1104	1193	30- 40	1208	2809	36.8,36.8
50	1889	2735	2676	2712	1907	972.9	823.4	964.1	40- 50	1457	4266	55.9,55.9
60	1714	2714	1597	2621	1761	607.9	498.3	594.6	50- 60	1519	5785	75.9,75.9
70	1321	1679	282.7	1413	1428	284.4	231.1	264.0	60- 70	1173	6958	91.3,91.3
80	231.1	302.6	63.84	168.3	284.1	68.20	56.28	65.57	70- 80	609.3	7568	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	57.67	7625	100,100
100	0	0	0	0	0	0	0	0	90-100	0	7625	100,100
110	0	0	0	0	0	0	0	0	100-110	0	7625	100,100
120	0	0	0	0	0	0	0	0	110-120	0	7625	100,100
130	0	0	0	0	0	0	0	0	120-130	0	7625	100,100
140	0	0	0	0	0	0	0	0	130-140	0	7625	100,100
150	0	0	0	0	0	0	0	0	140-150	0	7625	100,100
160	0	0	0	0	0	0	0	0	150-160	0	7625	100,100
170	0	0	0	0	0	0	0	0	160-170	0	7625	100,100
180	0	0	0	0	0	0	0	0	170-180	0	7625	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:2025-1-3

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

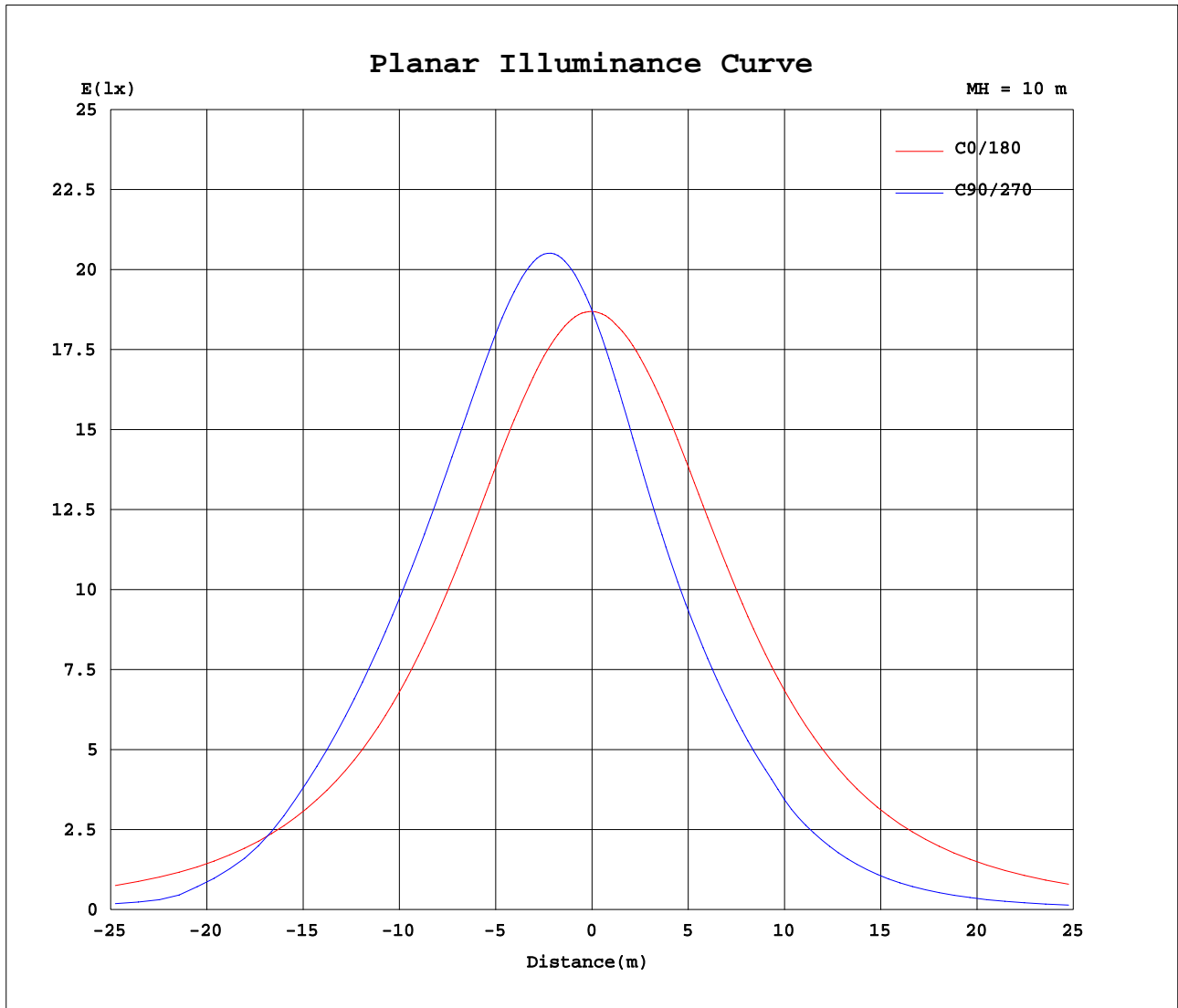
Test:U:219.3V I:0.2342A P:50.80W PF:0.9890 Freq:50.01Hz Lamp Flux:7625.31x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-1-3

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



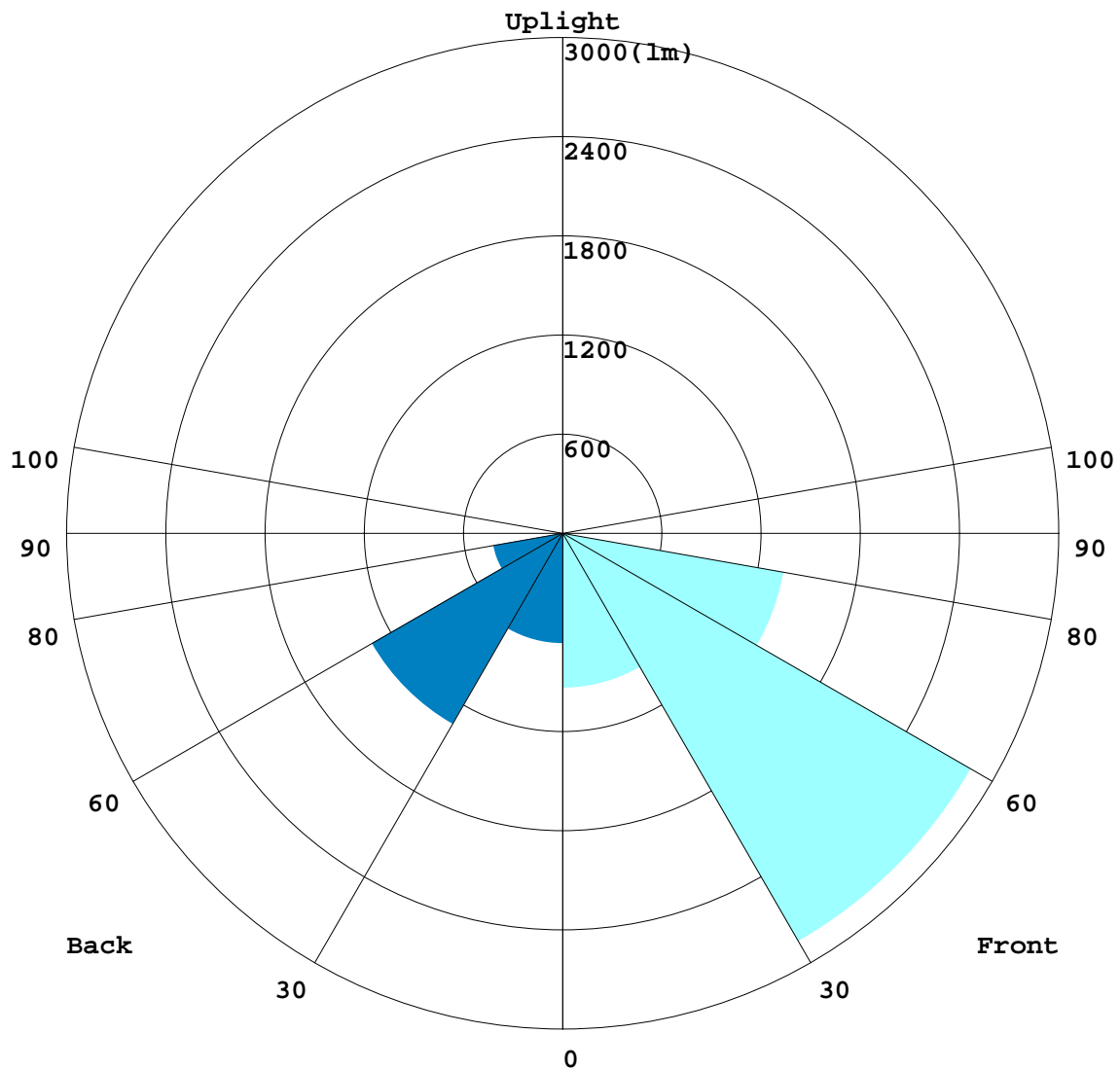
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-1-3

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:0.2342A P:50.80W PF:0.9890 Freq:50.01Hz Lamp Flux:7625.31x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-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:2025-1-3

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:0.2342A P:50.80W PF:0.9890 Freq:50.01Hz Lamp Flux:7625.31x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-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)	935.79	12.3
FM - Front-Medium(30-60)	2851.3	37.4
FH - Front-High(60-80)	1356.5	17.8
FVH - Front-Very High(80-90)	43.179	0.6
Total Forward Light	5186.8	68.0

BL - Back-Low(0-30)	665.79	8.7
BM - Back-Medium(30-60)	1332.4	17.5
BH - Back-High(60-80)	425.8	5.6
BVH - Back-Very High(80-90)	14.487	0.2
Total Back Light	2438.5	32.0

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	B2-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2438.5	0	2438.5
Street Side	5186.8	0	5186.8

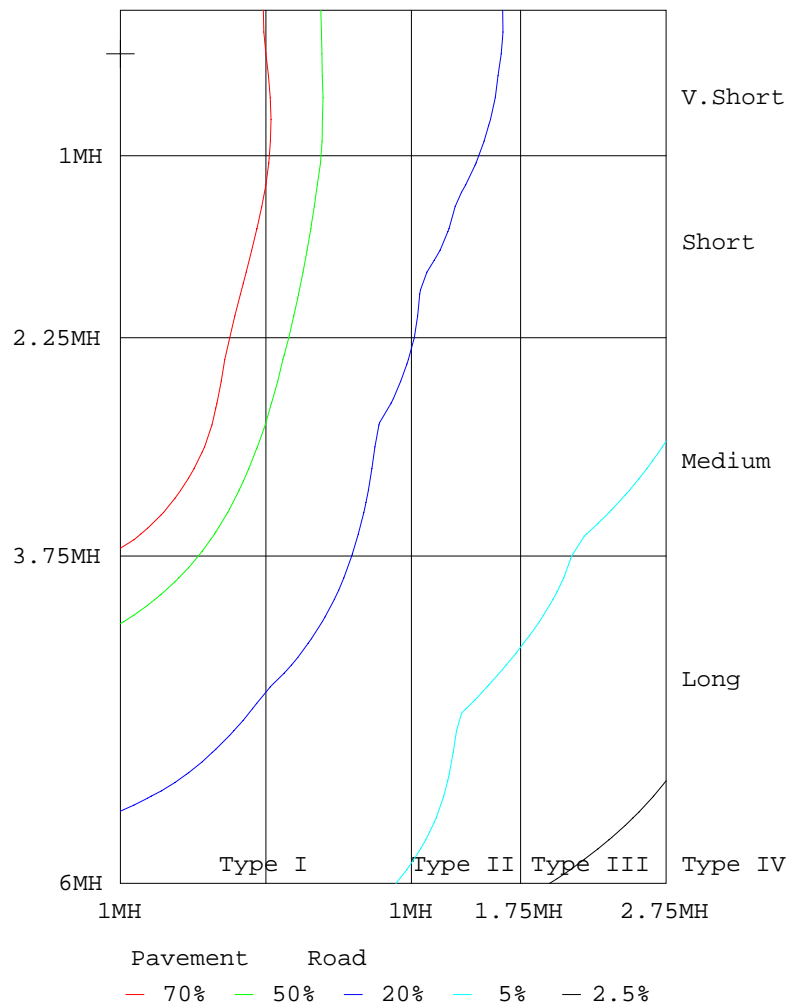
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-1-3

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:0.2342A P:50.80W PF:0.9890 Freq:50.01Hz Lamp Flux:7625.31x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-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:2025-1-3

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:0.2342A P:50.80W PF:0.9890 Freq:50.01Hz Lamp Flux:7625.31x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T321-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	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871
5	1876	1910	1941	1965	1987	1999	2005	2000	1987	1965	1938	1906	1872	1837	1805	1777	1758	1744	1741
10	1884	1953	2019	2071	2110	2131	2138	2129	2106	2067	2015	1949	1879	1811	1746	1692	1652	1628	1620
15	1898	2007	2105	2181	2233	2258	2265	2253	2221	2170	2096	2001	1894	1790	1691	1608	1551	1517	1507
20	1914	2064	2197	2292	2347	2372	2379	2366	2329	2271	2182	2058	1914	1768	1634	1528	1459	1423	1410
25	1931	2120	2282	2389	2449	2476	2482	2468	2428	2365	2263	2114	1931	1743	1573	1450	1377	1339	1328
30	1941	2169	2354	2474	2538	2567	2573	2563	2522	2451	2335	2163	1945	1714	1507	1373	1299	1270	1260
35	1945	2211	2418	2549	2620	2650	2655	2650	2607	2529	2399	2209	1955	1677	1439	1291	1223	1200	1190
40	1942	2241	2472	2613	2695	2721	2720	2719	2686	2599	2455	2247	1953	1625	1356	1200	1139	1114	1104
45	1926	2268	2517	2678	2750	2764	2746	2753	2737	2663	2506	2272	1939	1556	1251	1099	1037	996	971
50	1889	2287	2555	2735	2770	2731	2676	2715	2743	2712	2548	2288	1907	1464	1118	973	880	835	823
55	1824	2291	2584	2769	2679	2511	2373	2468	2620	2733	2573	2295	1848	1338	955	802	718	677	663
60	1714	2287	2619	2714	2309	1840	1597	1782	2193	2621	2598	2303	1761	1165	766	608	553	512	498
65	1554	2272	2648	2422	1447	924	610	821	1319	2237	2588	2319	1628	937	545	435	395	353	345
70	1321	2273	2622	1679	579	325	283	308	417	1413	2544	2419	1428	634	344	284	257	238	231
75	813	1814	2264	1005	214	174	156	168	196	781	2055	1984	939	320	184	160	149	140	130
80	231	597	866	303	90.0	73.4	63.8	68.7	82.8	168	726	627	284	103	73.3	68.2	69.0	56.8	56.3
85	27.2	47.6	94.5	39.1	24.2	19.2	14.1	16.6	22.5	32.4	84.8	44.1	27.4	19.8	16.4	16.0	17.9	17.2	17.8
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:2025-1-3

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:0.2342A P:50.80W PF:0.9890 Freq:50.01Hz Lamp Flux:7625.31x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-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	1871	1871	1871	1871	1871													
5	1746	1759	1780	1808	1841													
10	1627	1651	1690	1746	1812													
15	1515	1547	1604	1686	1786													
20	1419	1453	1518	1624	1760													
25	1338	1370	1438	1558	1732													
30	1263	1294	1366	1490	1697													
35	1196	1221	1285	1419	1655													
40	1110	1137	1193	1341	1599													
45	991	1032	1091	1241	1526													
50	832	869	964	1113	1431													
55	670	707	783	952	1300													
60	502	536	595	759	1121													
65	344	375	414	520	885													
70	232	247	264	317	589													
75	137	145	151	167	282													
80	56.0	67.6	65.6	67.4	84.6													
85	17.1	17.7	15.9	15.9	19.7													
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:2025-1-3

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: