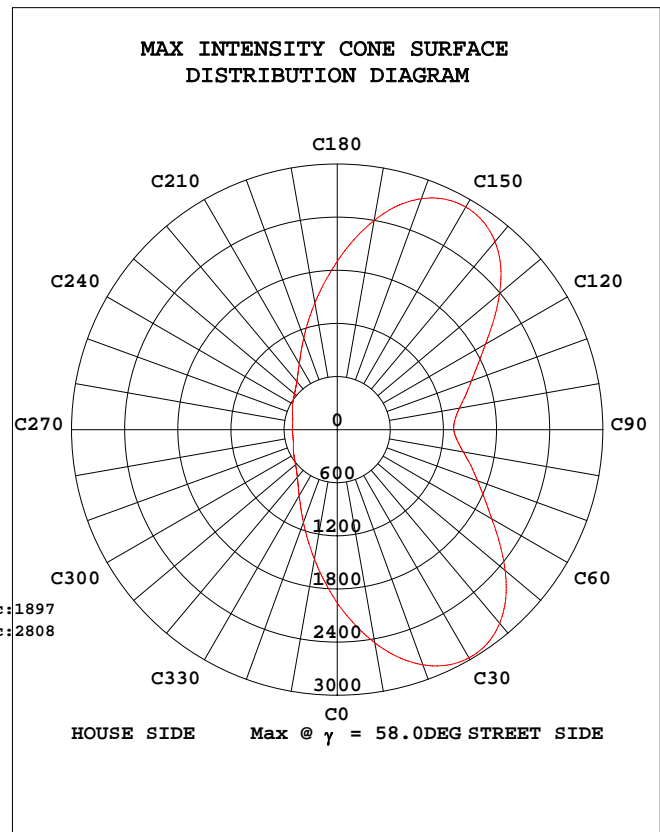
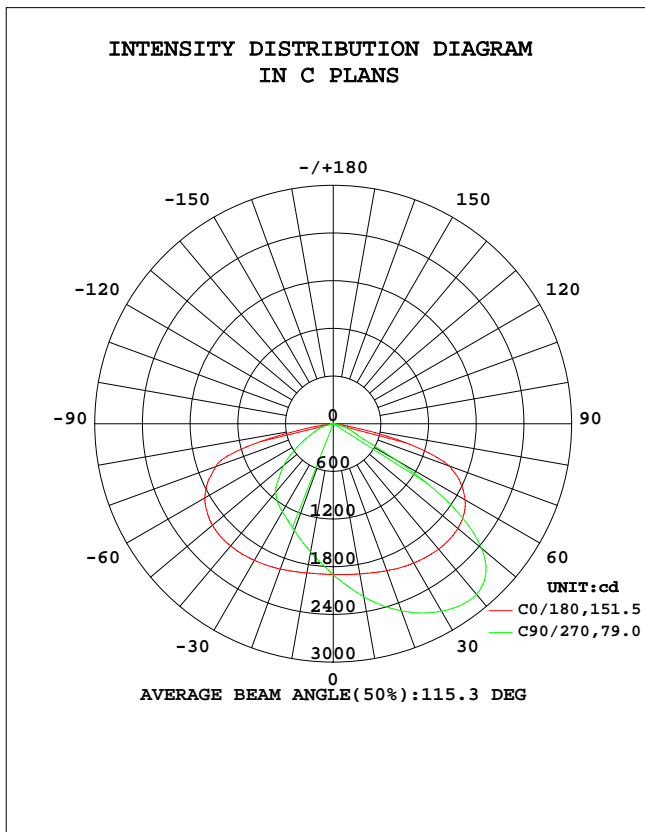


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.2298A P:49.83W PF:0.9889 Freq:50.01Hz Lamp Flux:7588.34x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WILE-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: 152.29 lm/W			
MODEL	3030	Imax(cd)	2975	η street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	100.0	η street_down(%)	67.6
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7588	η house_up(%)	0.0
NOMINAL FLUX(lm)	7588.34	MAXIMUM @(C, γ)	30,58.0	η house_down(%)	32.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.506

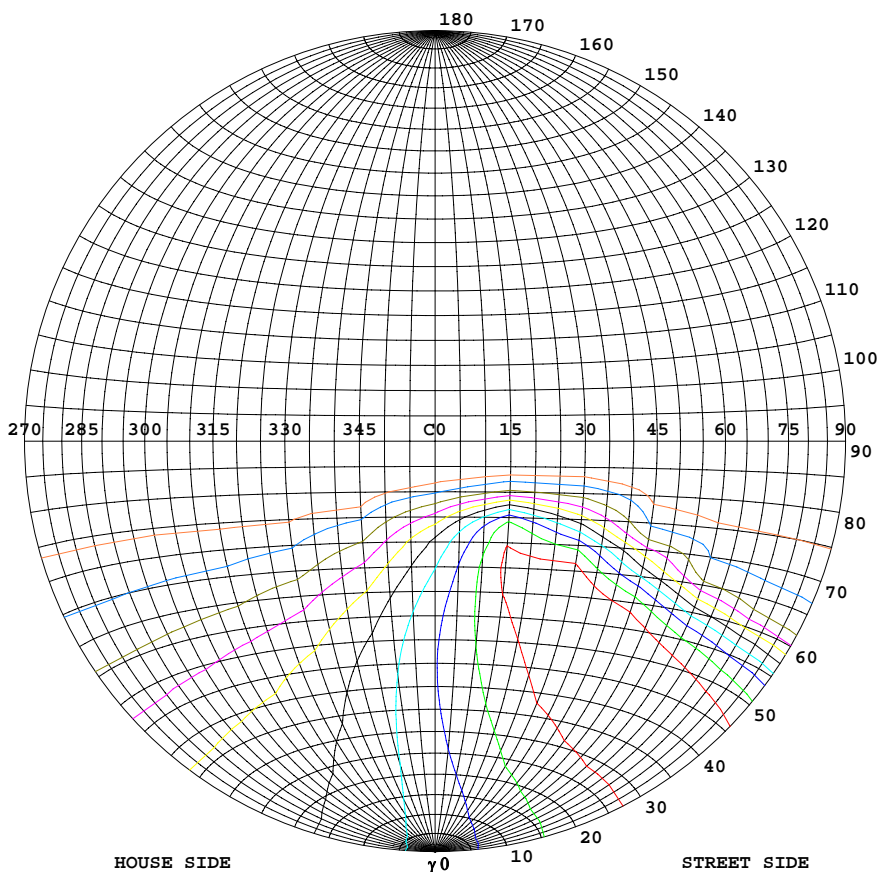


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-1-4

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:0.2298A P:49.83W PF:0.9889 Freq:50.01Hz Lamp Flux:7588.34x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



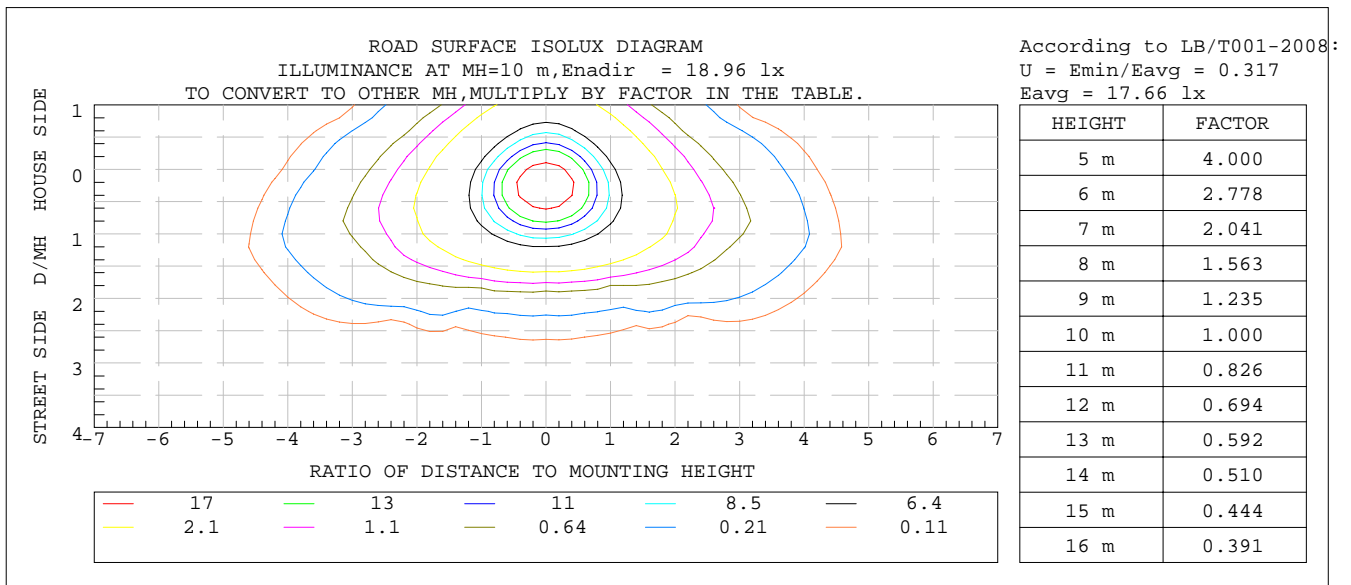
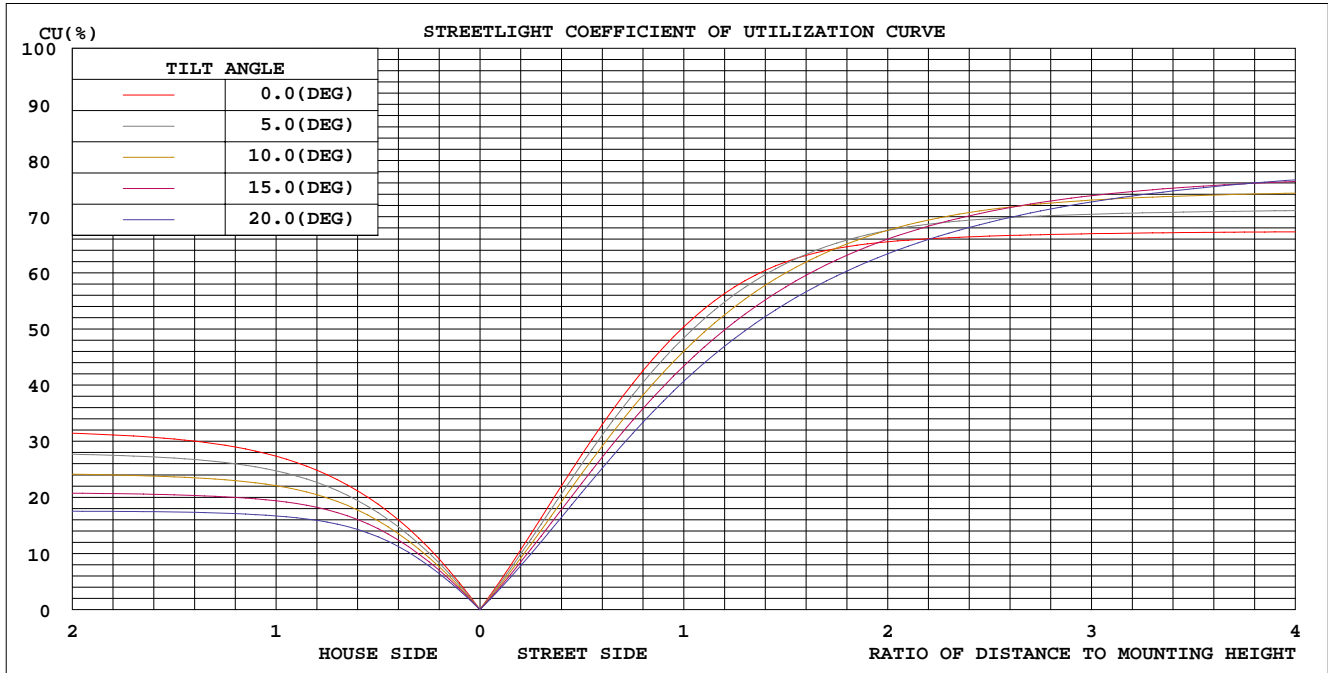
Classification:

IES:Type III - Short
CIE:Average - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:89.43cd/klm
Max.At90:0cd/klm
Max.80-90:89.43cd/klm
NRB 5101:Semi limited[25.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2975
90%	2677
80%	2380
70%	2082
60%	1785
50%	1487
40%	1190
30%	892
20%	595
10%	297
5%	149

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-1-4

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: 2025-1-4

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:0.2298A P:49.83W PF:0.9889 Freq:50.01Hz Lamp Flux:7588.34x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

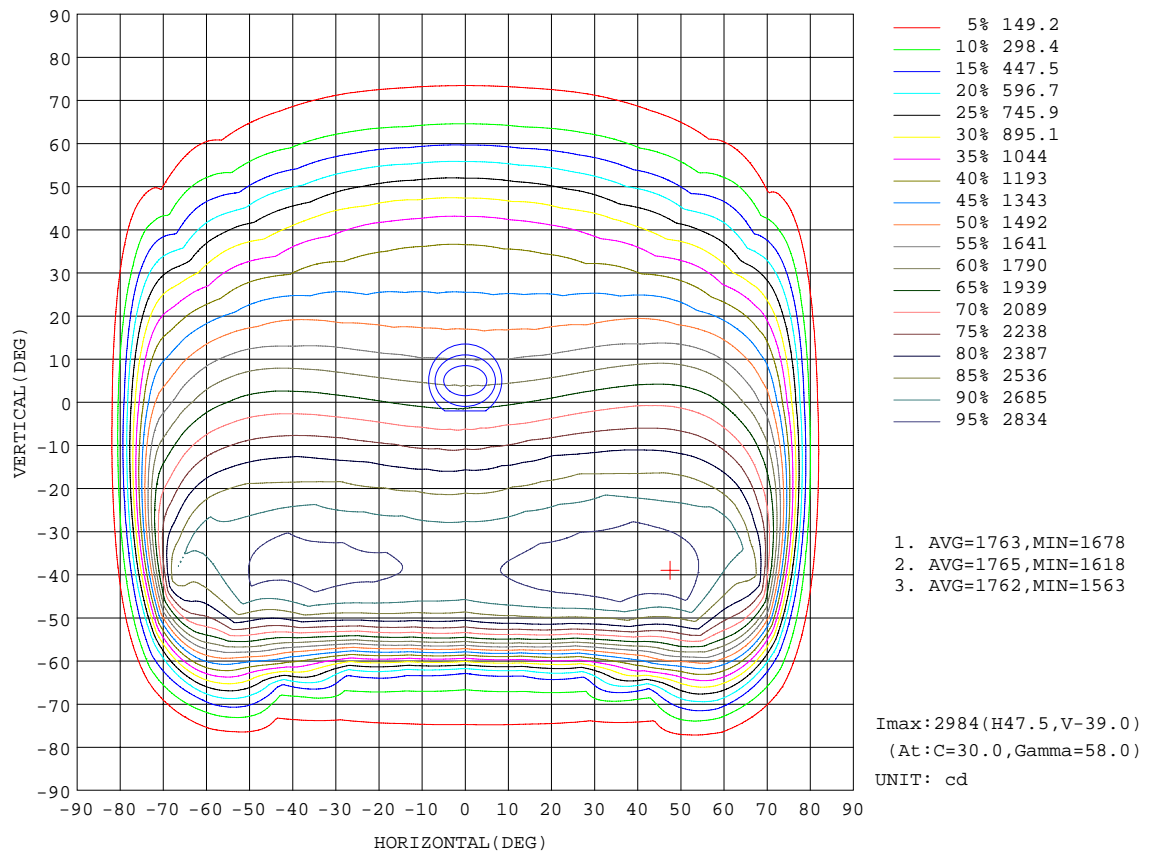
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1918	2133	2208	2122	1907	1715	1639	1713	0- 10	182.2	182.2	2.4,2.4
20	1968	2403	2505	2371	1946	1551	1430	1545	10- 20	551.1	733.3	9.66,9.66
30	2025	2647	2723	2607	1985	1396	1279	1391	20- 30	920.8	1654	21.8,21.8
40	2062	2846	2803	2808	2008	1233	1125	1226	30- 40	1268	2922	38.5,38.5
50	2048	2966	2432	2905	1985	994.1	812.4	980.2	40- 50	1523	4445	58.6,58.6
60	1915	2520	916.1	2414	1866	580.5	433.8	567.8	50- 60	1507	5952	78.4,78.4
70	1558	976.8	229.8	830.6	1573	215.9	201.3	217.3	60- 70	1066	7018	92.5,92.5
80	267.4	112.0	58.30	103.0	350.2	59.23	51.62	58.93	70- 80	521.3	7540	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	48.80	7588	100,100
100	0	0	0	0	0	0	0	0	90-100	0	7588	100,100
110	0	0	0	0	0	0	0	0	100-110	0	7588	100,100
120	0	0	0	0	0	0	0	0	110-120	0	7588	100,100
130	0	0	0	0	0	0	0	0	120-130	0	7588	100,100
140	0	0	0	0	0	0	0	0	130-140	0	7588	100,100
150	0	0	0	0	0	0	0	0	140-150	0	7588	100,100
160	0	0	0	0	0	0	0	0	150-160	0	7588	100,100
170	0	0	0	0	0	0	0	0	160-170	0	7588	100,100
180	0	0	0	0	0	0	0	0	170-180	0	7588	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:2025-1-4

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

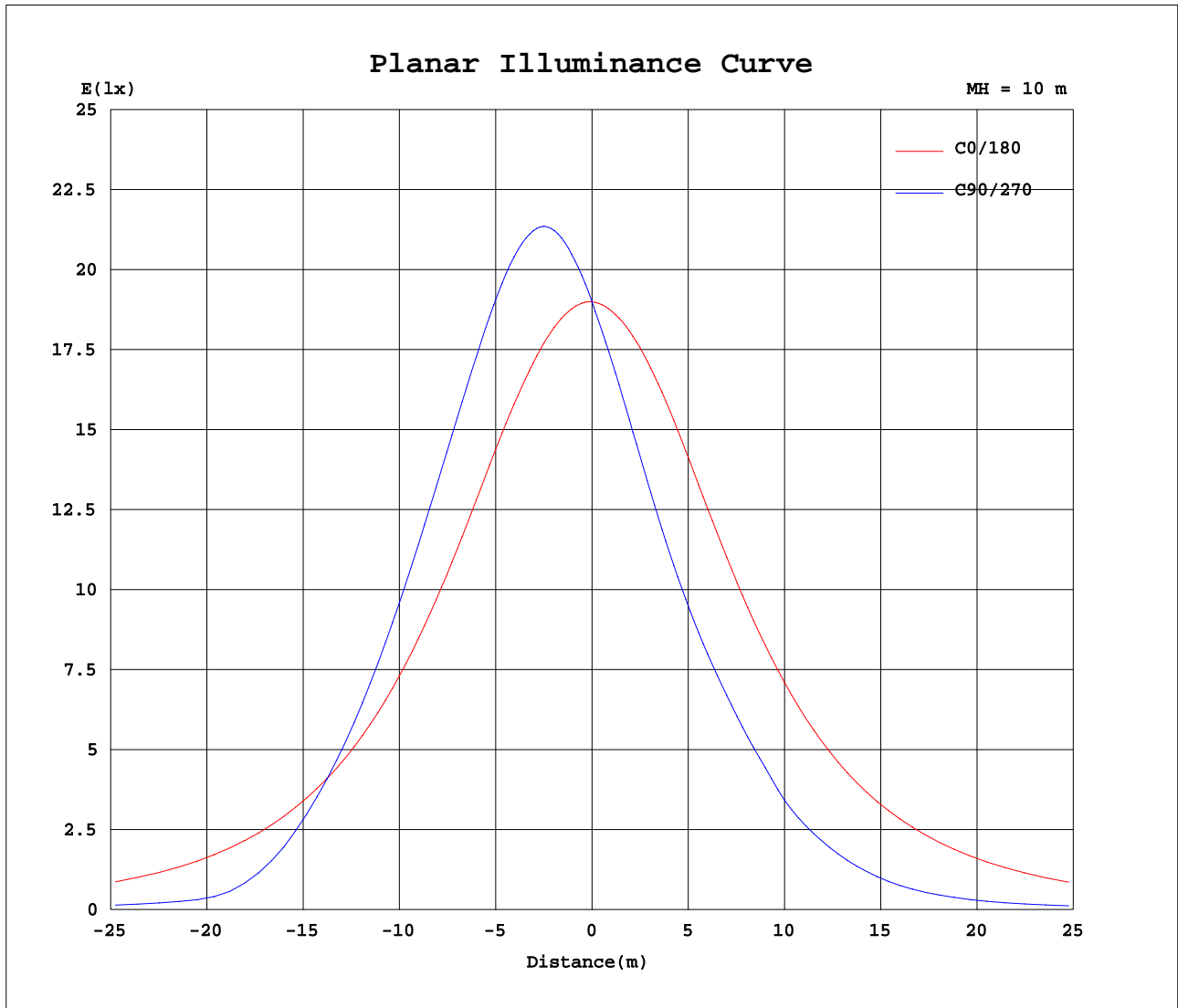
Test:U:219.3V I:0.2298A P:49.83W PF:0.9889 Freq:50.01Hz Lamp Flux:7588.34x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-1-4

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



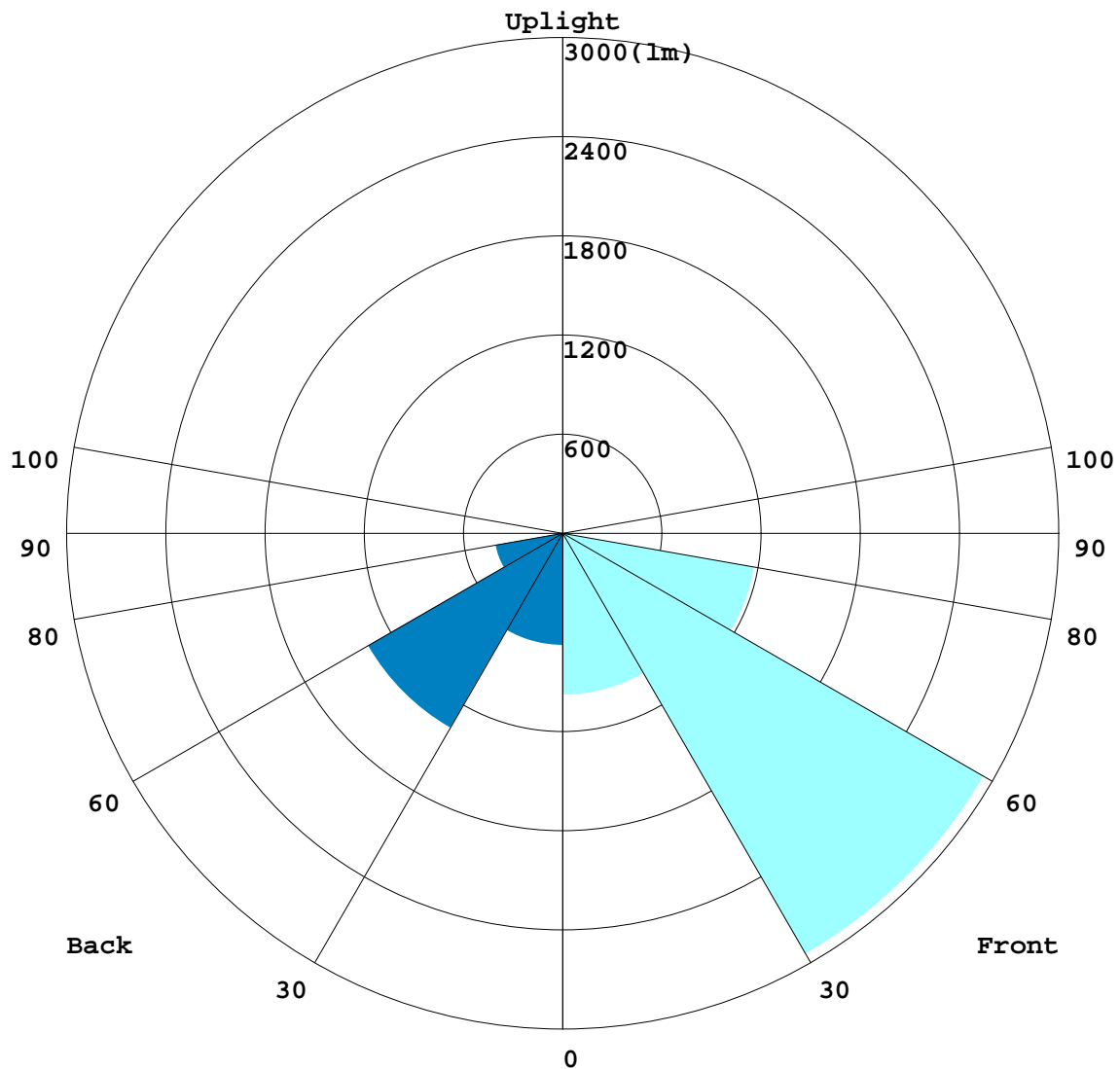
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-1-4

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:0.2298A P:49.83W PF:0.9889 Freq:50.01Hz Lamp Flux:7588.34x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-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:2025-1-4

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:0.2298A P:49.83W PF:0.9889 Freq:50.01Hz Lamp Flux:7588.34x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-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)	977.42	12.9
FM - Front-Medium(30-60)	2938.5	38.7
FH - Front-High(60-80)	1176.2	15.5
FVH - Front-Very High(80-90)	35.054	0.5
Total Forward Light	5127.2	67.6

BL - Back-Low(0-30)	676.64	8.9
BM - Back-Medium(30-60)	1359.4	17.9
BH - Back-High(60-80)	411.33	5.4
BVH - Back-Very High(80-90)	13.749	0.2
Total Back Light	2461.1	32.4

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	2461.1	0	2461.1
Street Side	5127.2	0	5127.2

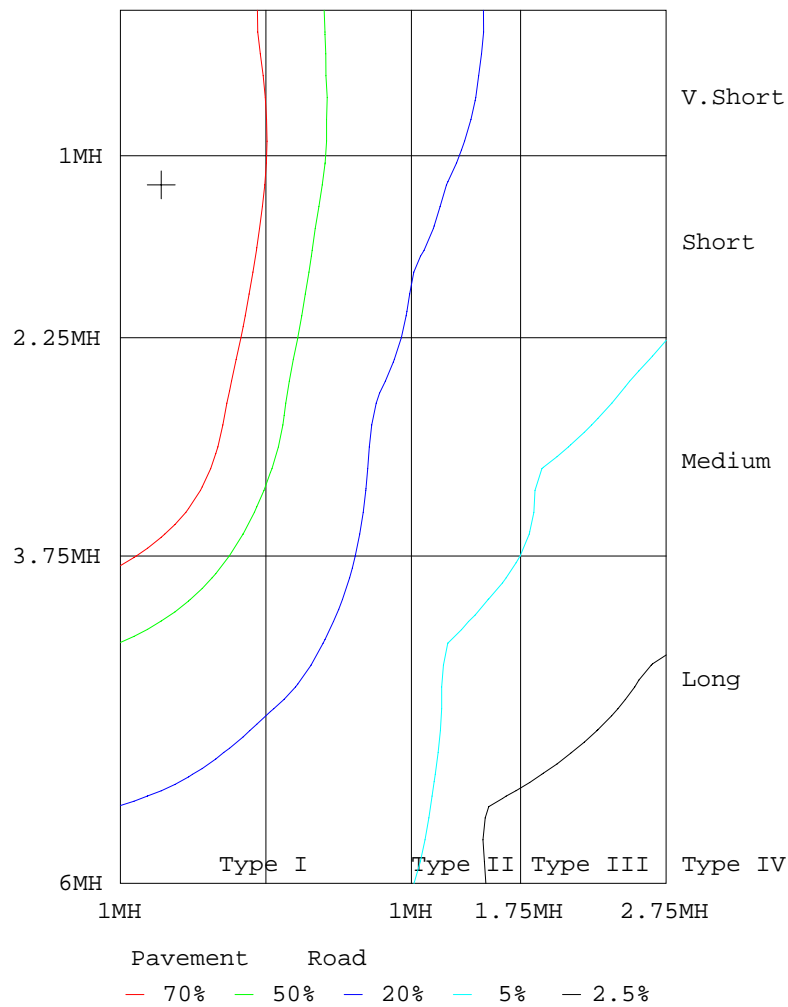
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-1-4

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:0.2298A P:49.83W PF:0.9889 Freq:50.01Hz Lamp Flux:7588.34x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-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:2025-1-4

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:0.2298A P:49.83W PF:0.9889 Freq:50.01Hz Lamp Flux:7588.34x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-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	1897	1897	1897	1897	1897	1897	1897	1897	1897	1897	1897	1897	1897	1897	1897	1897	1897	1897	1897
5	1904	1942	1977	2007	2029	2044	2048	2042	2026	2002	1973	1936	1897	1864	1825	1797	1777	1764	1761
10	1918	1996	2071	2133	2175	2201	2208	2197	2167	2122	2062	1988	1907	1838	1769	1715	1673	1648	1639
15	1941	2062	2180	2268	2326	2357	2364	2349	2310	2245	2157	2047	1924	1817	1714	1630	1571	1539	1529
20	1968	2139	2294	2403	2466	2496	2505	2489	2445	2371	2259	2113	1946	1797	1657	1551	1482	1445	1430
25	1999	2217	2407	2530	2595	2621	2626	2616	2573	2492	2364	2181	1967	1773	1597	1474	1399	1361	1348
30	2025	2290	2511	2647	2707	2729	2723	2723	2688	2607	2463	2249	1985	1746	1533	1396	1320	1291	1279
35	2046	2361	2611	2750	2802	2808	2790	2801	2782	2713	2563	2317	2001	1710	1466	1316	1252	1229	1216
40	2062	2425	2709	2846	2871	2844	2803	2829	2844	2808	2661	2382	2008	1661	1387	1233	1171	1140	1125
45	2064	2491	2801	2927	2881	2794	2708	2757	2842	2885	2760	2441	2006	1597	1286	1131	1059	994	967
50	2048	2555	2888	2966	2772	2576	2432	2526	2716	2905	2845	2504	1985	1507	1150	994	882	832	812
55	2004	2622	2961	2878	2409	2060	1865	2001	2333	2800	2901	2571	1938	1376	976	794	706	647	629
60	1915	2686	2961	2520	1671	1143	916	1094	1585	2414	2875	2650	1866	1190	774	580	497	445	434
65	1769	2742	2783	1785	702	396	338	391	635	1676	2680	2712	1742	947	510	363	322	290	288
70	1558	2656	2246	977	293	247	230	245	289	831	2110	2690	1573	613	278	216	205	204	201
75	990	2221	1322	270	168	152	144	150	164	250	1232	2246	1132	278	136	130	130	126	124
80	267	679	480	112	77.3	67.4	58.3	63.7	73.7	103	411	616	350	72.8	60.1	59.2	62.5	52.5	51.6
85	29.7	56.6	62.2	29.7	21.1	17.5	13.0	15.4	19.3	26.5	48.8	48.4	29.2	18.8	15.3	14.1	15.5	14.5	15.0
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:2025-1-4

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:0.2298A P:49.83W PF:0.9889 Freq:50.01Hz Lamp Flux:7588.34x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	1897	1897	1897	1897	1897													
5	1766	1779	1800	1830	1865													
10	1647	1671	1713	1769	1838													
15	1537	1568	1627	1712	1818													
20	1440	1476	1545	1654	1799													
25	1357	1391	1466	1595	1777													
30	1285	1315	1391	1532	1753													
35	1220	1244	1314	1464	1722													
40	1132	1162	1226	1387	1676													
45	983	1045	1120	1290	1616													
50	820	863	980	1159	1528													
55	637	687	775	983	1394													
60	440	487	568	772	1208													
65	290	318	361	499	956													
70	204	208	217	279	614													
75	126	130	131	139	272													
80	51.8	61.4	58.9	59.5	74.4													
85	14.4	15.3	14.2	15.1	19.0													
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:2025-1-4

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: