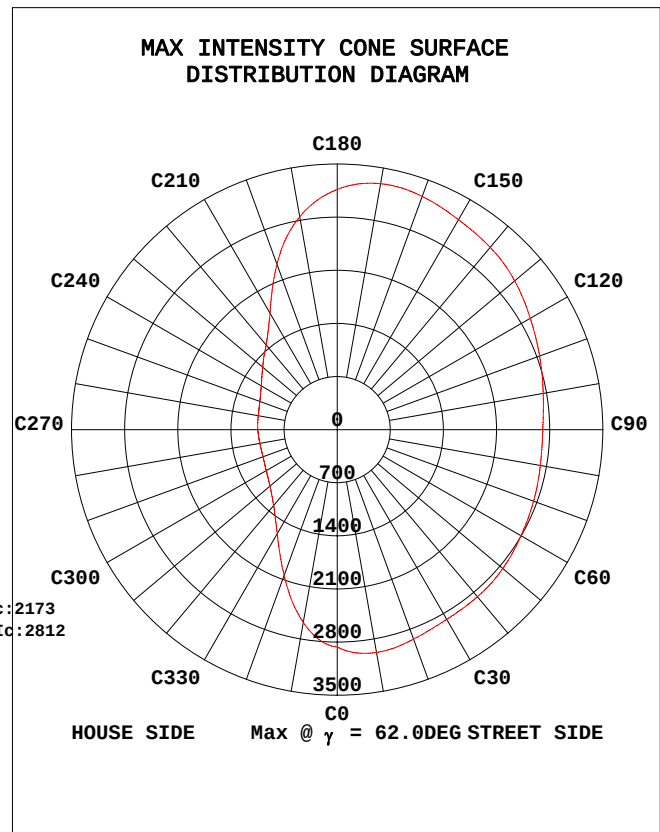
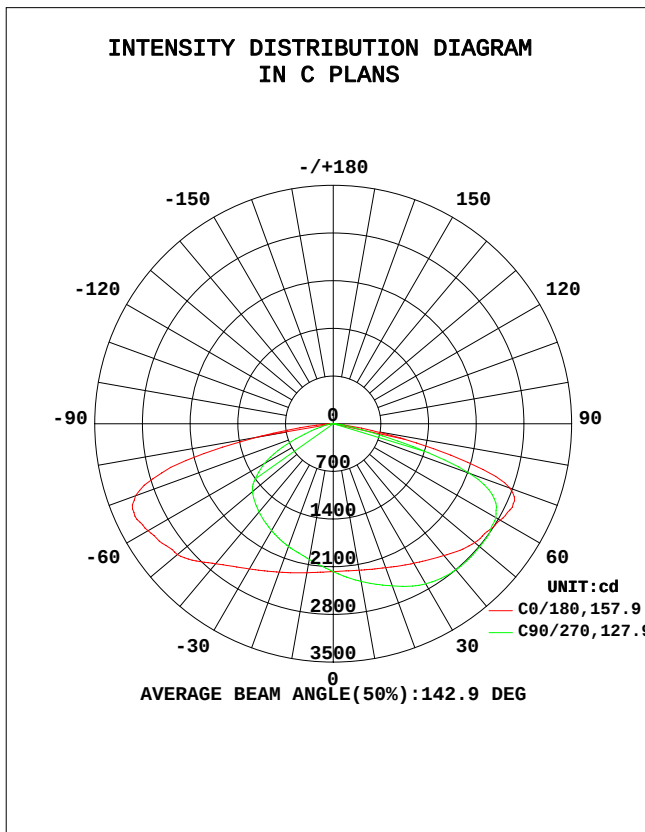


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:239.3V I:0.3050A P:70.23W PF:0.9620 Freq:50.00Hz Lamp Flux:10918.8x1 lm		
NAME: AOK iLA	TYPE:iLA series LED Street Light	Weight:3.6kg
SPEC.:AOK-70W iLA-NVS-L3-00-3070-T401-P	DIM.: 540*230*65mm	SERIAL No.:
MFR.: AOK	SUR.:190*175mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.48 lm/W			
MODEL	5050	I _{max} (cd)	3296	η street_up(%)	0.0
NOMINAL POWER(W)	70	LOR(%)	100.0	η street_down(%)	62.2
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	10919	η house_up(%)	0.0
NOMINAL FLUX(lm)	10918.8	MAXIMUM @(C,γ)	165,62.0	η house_down(%)	37.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	240	η down(%)	100.0	SLI	20.768

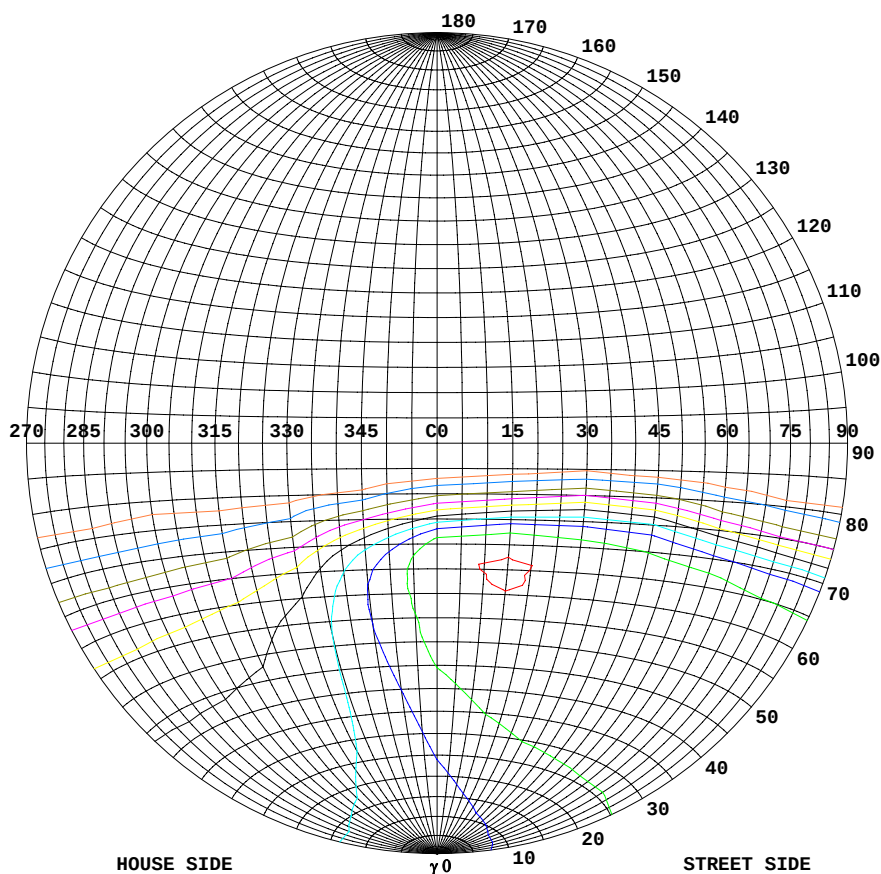


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-5-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:239.3V I:0.3050A P:70.23W PF:0.9620 Freq:50.00Hz Lamp Flux:10918.8x1 lm		
NAME: AOK iLA	TYPE:iLA series LED Street Light	Light Weight:3.6kg
SPEC.:AOK-70WiLA-NVS-L3-00-3070-T401-P	DIM.: 540*230*65mm	SERIAL No.:
MFR.: AOK	SUR.:190*175mm	Shielding Angle:



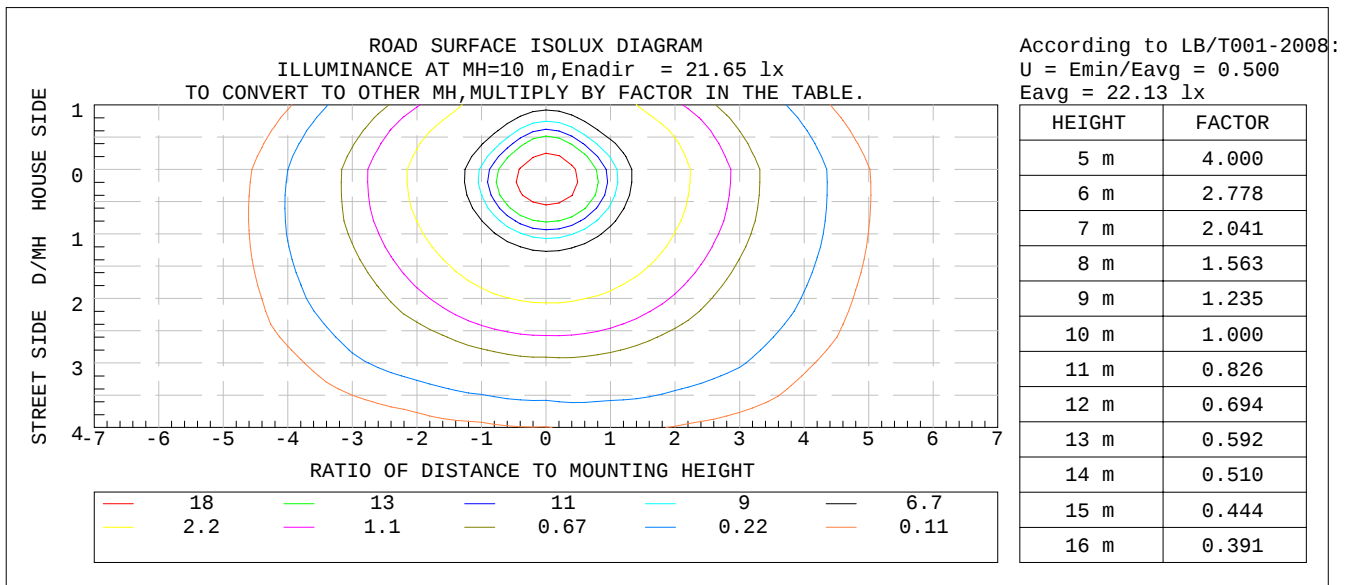
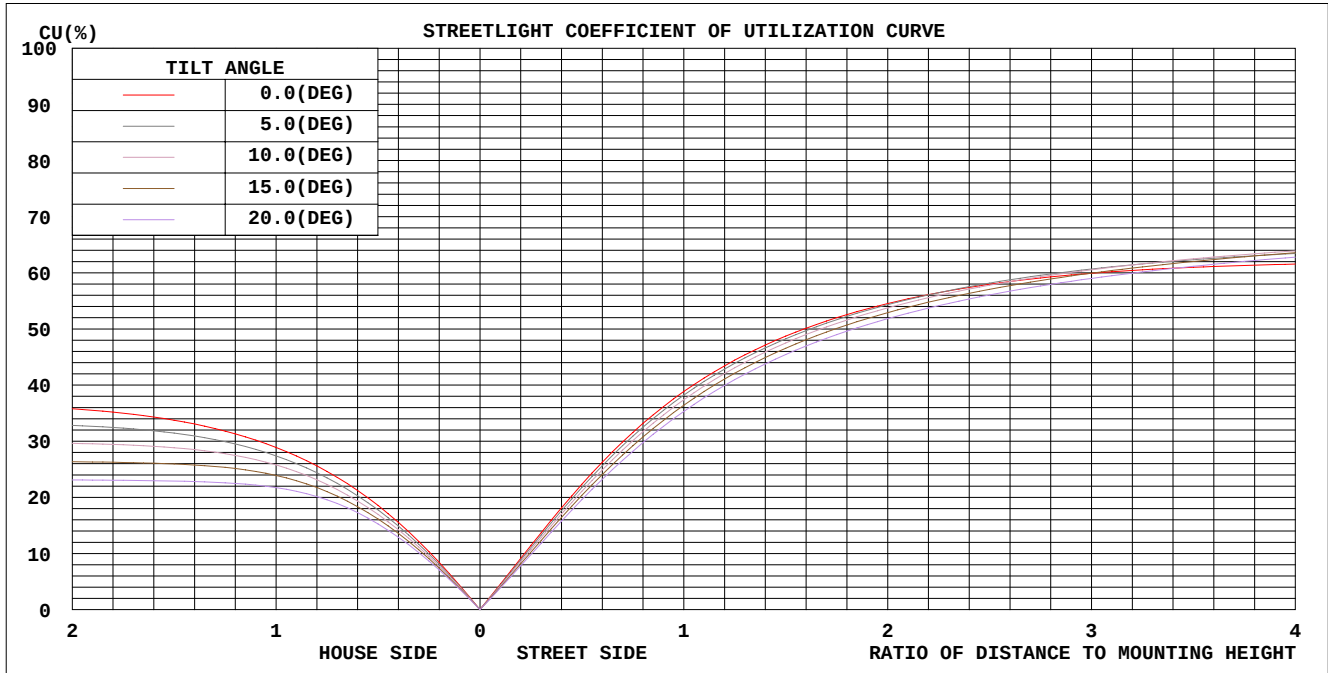
Classification:

IES:Type IV - Short
CIE:Broad - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:131.4cd/klm
Max.At90:0cd/klm
Max.80-90:131.4cd/klm
NRB 5101:Semi limited[21.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3296
90%	2966
80%	2637
70%	2307
60%	1978
50%	1648
40%	1318
30%	989
20%	659
10%	330
5%	165

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-5-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_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: 2024-5-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:239.3V I:0.3050A P:70.23W PF:0.9620 Freq:50.00Hz Lamp Flux:10918.8x1 lm		
NAME: AOK iLA	TYPE:iLA series LED Street Light	Weight:3.6kg
SPEC.:AOK-70WiLA-NVS-L3-00-3070-T401-P	DIM.: 540*230*65mm	SERIAL No.:
MFR.: AOK	SUR.:190*175mm	Shielding Angle:

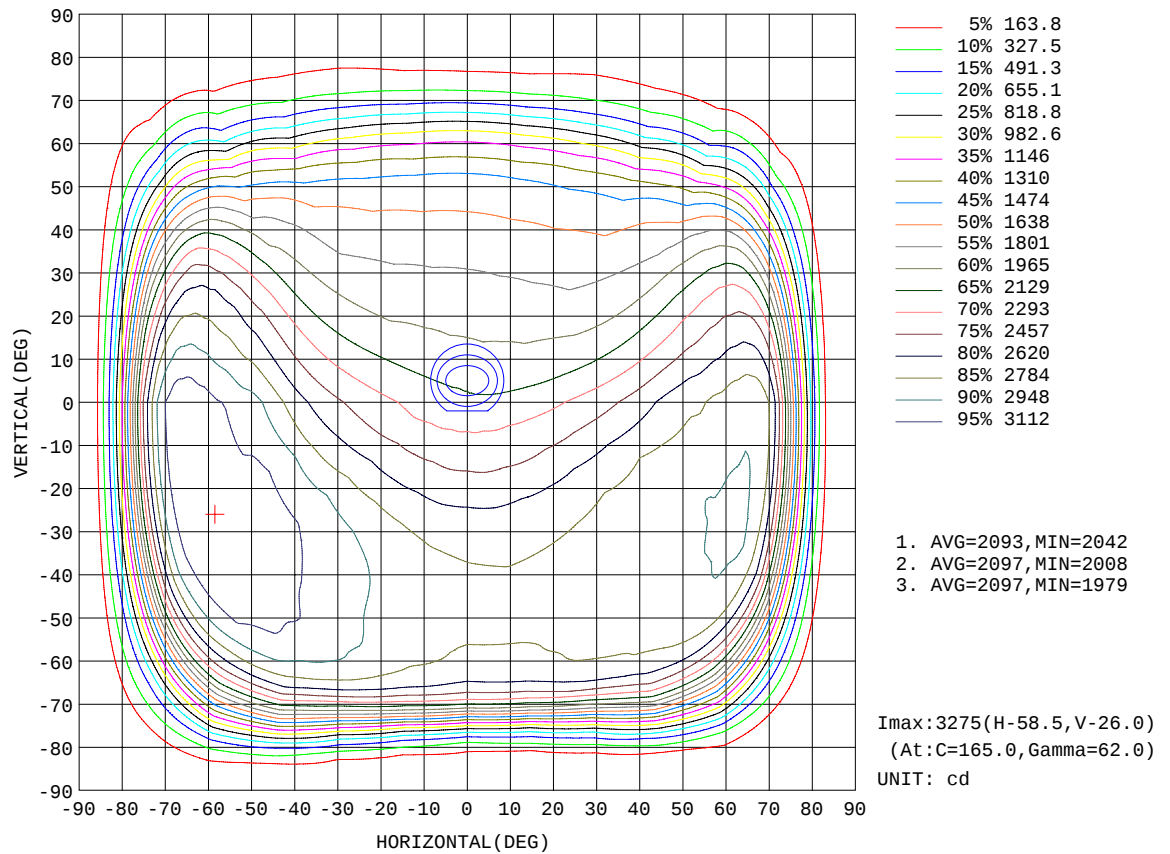
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum,lamp
10	2184	2301	2351	2332	2221	2086	2024	2063	0- 10	208.5	208.5	1.91,1.91
20	2250	2470	2534	2530	2319	2009	1918	1964	10- 20	630.2	838.7	7.68,7.68
30	2365	2676	2715	2773	2460	1927	1811	1860	20- 30	1060	1898	17.4,17.4
40	2527	2804	2800	2977	2684	1838	1694	1752	30- 40	1480	3378	30.9,30.9
50	2712	2822	2808	3070	2988	1727	1548	1621	40- 50	1859	5237	48,48
60	2830	2856	2756	3119	3140	1474	1165	1351	50- 60	2128	7365	67.5,67.5
70	2760	2625	2124	2847	3088	708.1	449.0	562.5	60- 70	2128	9493	86.9,86.9
80	586.2	756.5	225.1	1153	1138	150.5	103.2	103.0	70- 80	1266	10759	98.5,98.5
90	0	0	0	0	0	0	0	0	80- 90	159.6	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:2024-5-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

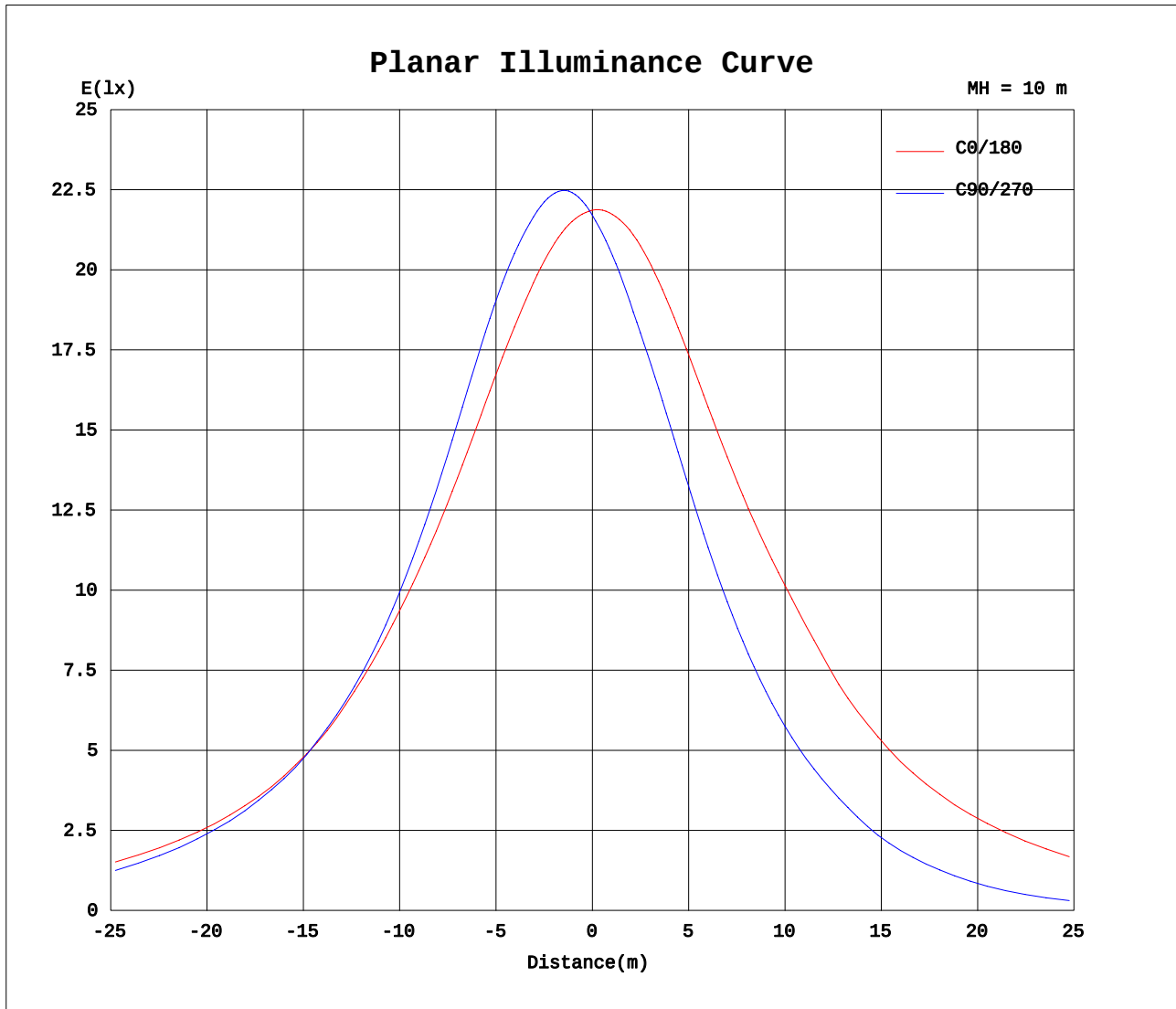
Test:U:239.3V I:0.3050A P:70.23W PF:0.9620 Freq:50.00Hz Lamp Flux:10918.8x1 lm		
NAME: AOK iLA	TYPE:iLA series LED Street Light	Weight:3.6kg
SPEC.:AOK-70W iLA-NVS-L3-00-3070-T401-P	DIM.: 540*230*65mm	SERIAL No.:
MFR.: AOK	SUR.:190*175mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-5-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

Planar Illuminance Curve



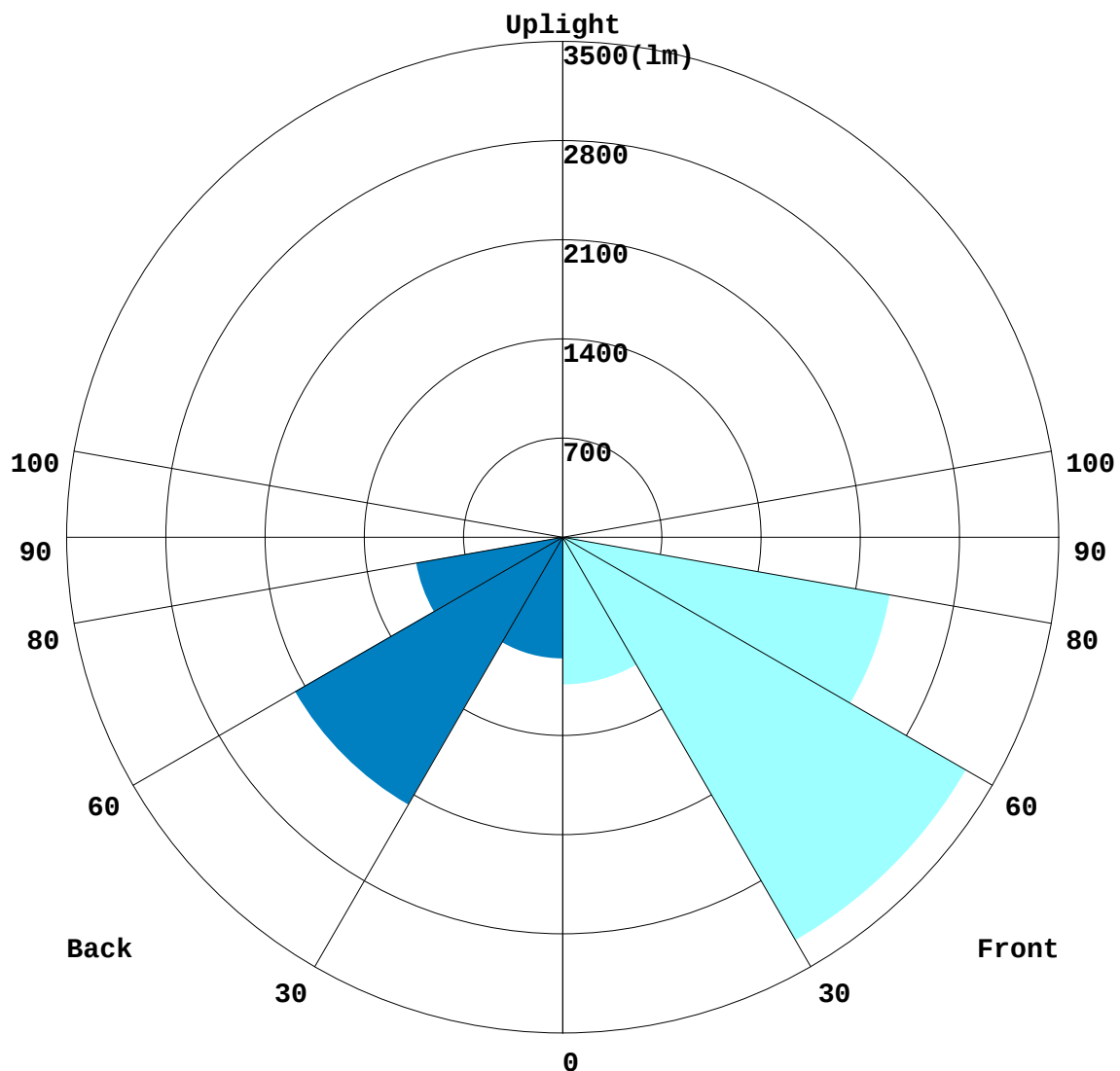
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-5-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

LCS REPORT

Test:U:239.3V I:0.3050A P:70.23W PF:0.9620 Freq:50.00Hz Lamp Flux:10918.8x1 lm		
NAME: AOK iLA	TYPE:iLA series LED Street Light	Weight:3.6kg
SPEC.:AOK-70WiLA-NVS-L3-00-3070-T401-P	DIM.: 540*230*65mm	SERIAL No.:
MFR.: AOK	SUR.:190*175mm	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:2024-5-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

BUG REPORT

Test:U:239.3V I:0.3050A P:70.23W PF:0.9620 Freq:50.00Hz Lamp Flux:10918.8x1 lm		
NAME: AOK iLA	TYPE:iLA series LED Street Light	Weight:3.6kg
SPEC.:AOK-70WiLA-NVS-L3-00-3070-T401-P	DIM.: 540*230*65mm	SERIAL No.:
MFR.: AOK	SUR.:190*175mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1040.7	9.5
FM - Front-Medium(30-60)	3287	30.1
FH - Front-High(60-80)	2344.6	21.5
FVH - Front-Very High(80-90)	114.08	1.0
Total Forward Light	6786.3	62.2

BL - Back-Low(0-30)	857.54	7.9
BM - Back-Medium(30-60)	2180	20.0
BH - Back-High(60-80)	1049.4	9.6
BVH - Back-Very High(80-90)	45.54	0.4
Total Back Light	4132.5	37.8

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	B3-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4132.5	0	4132.5
Street Side	6786.3	0	6786.3

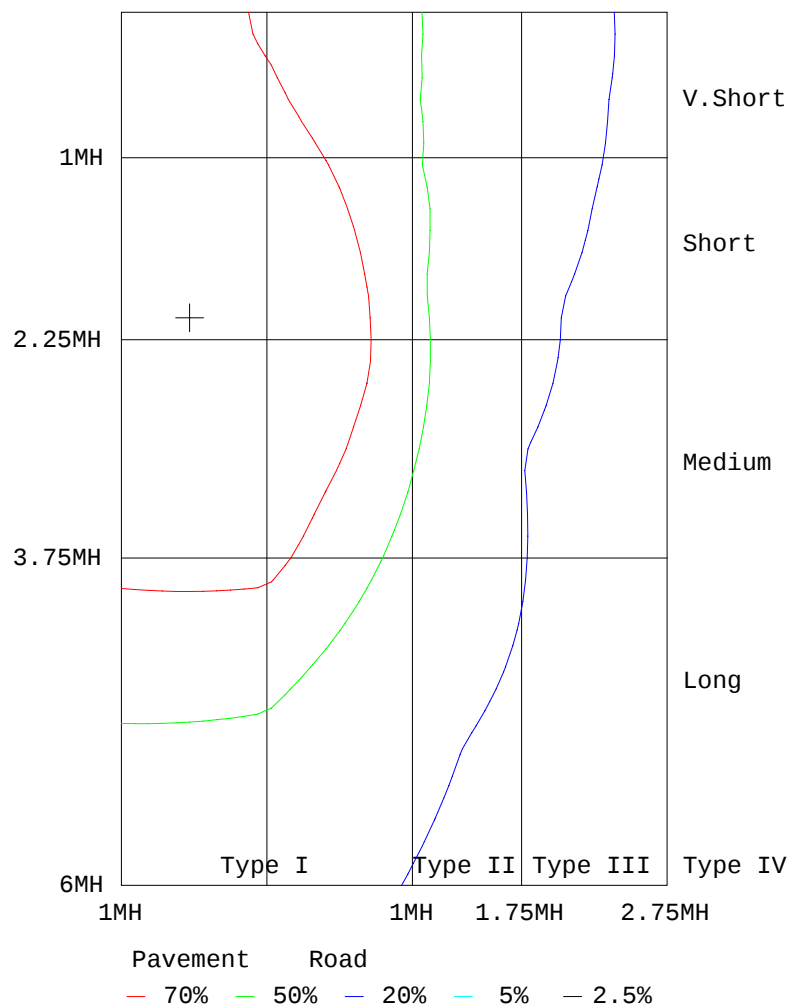
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-5-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:239.3V I:0.3050A P:70.23W PF:0.9620 Freq:50.00Hz Lamp Flux:10918.8x1 lm		
NAME: AOK iLA	TYPE:iLA series LED Street Light	Light:3.6kg
SPEC.:AOK-70WILA-NVS-L3-00-3070-T401-P	DIM.: 540*230*65mm	SERIAL No.:
MFR.: AOK	SUR.:190*175mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-5-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:239.3V I:0.3050A P:70.23W PF:0.9620 Freq:50.00Hz Lamp Flux:10918.8x1 lm																	
NAME: AOK iLA									TYPE:iLA series LED Street Light WEIGHT:3.6kg								
SPEC.:AOK-70WiLA-NVS-L3-00-3070-T401-P									DIM.: 540*230*65mm			SERIAL No.:					
MFR.: AOK									SUR.:190*175mm			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	2171	2171	2171	2171	2171	2171	2171	2171	2171	2171	2171	2171	2171	2171	2171	2171	2171	2171	2171
5	2169	2191	2213	2231	2245	2255	2260	2261	2256	2246	2230	2210	2188	2166	2144	2125	2108	2098	2092
10	2184	2229	2270	2301	2325	2342	2351	2354	2348	2332	2306	2267	2221	2173	2126	2086	2055	2034	2024
15	2211	2282	2341	2380	2409	2428	2440	2445	2445	2427	2394	2338	2265	2187	2112	2049	2003	1977	1965
20	2250	2349	2425	2470	2502	2521	2534	2540	2545	2530	2494	2420	2319	2206	2097	2009	1958	1933	1918
25	2303	2432	2523	2574	2604	2619	2633	2643	2654	2645	2609	2518	2384	2228	2078	1968	1910	1883	1867
30	2365	2530	2631	2676	2692	2702	2715	2734	2761	2773	2736	2628	2460	2257	2059	1927	1860	1828	1811
35	2439	2630	2730	2754	2752	2759	2767	2800	2842	2888	2870	2753	2558	2301	2043	1883	1806	1771	1754
40	2527	2738	2800	2804	2791	2793	2800	2840	2902	2977	2997	2912	2684	2367	2033	1838	1749	1712	1694
45	2629	2820	2838	2825	2807	2805	2812	2859	2936	3036	3095	3070	2849	2453	2028	1788	1685	1643	1626
50	2712	2868	2851	2822	2806	2804	2808	2861	2947	3070	3162	3163	2988	2547	2017	1727	1605	1561	1548
55	2760	2890	2872	2828	2809	2806	2801	2862	2955	3094	3197	3200	3063	2596	1972	1635	1494	1421	1392
60	2830	2942	2882	2856	2794	2768	2756	2824	2962	3119	3220	3263	3140	2612	1858	1474	1271	1181	1165
65	2900	2980	2889	2795	2728	2652	2605	2716	2878	3084	3197	3291	3212	2555	1612	1137	959	855	828
70	2760	2874	2749	2625	2378	2185	2124	2307	2585	2847	2996	3138	3088	2217	1180	708	565	475	449
75	1786	2093	2131	1994	1383	1038	982	1220	1715	2285	2465	2581	2469	1462	557	337	288	234	201
80	586	751	991	757	419	270	225	361	603	1153	1434	1269	1138	507	195	150	143	112	103
85	44.6	81.8	147	76.8	56.4	48.1	53.2	65.8	105	244	348	281	250	90.2	57.5	46.0	48.2	42.1	39.0
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:2024-5-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:239.3V I:0.3050A P:70.23W PF:0.9620 Freq:50.00Hz Lamp Flux:10918.8x1 lm		
NAME: AOK iLA	TYPE:iLA series LED Street Light	Weight:3.6kg
SPEC.:AOK-70WiLA-NVS-L3-00-3070-T401-P	DIM.: 540*230*65mm	SERIAL No.:
MFR.: AOK	SUR.:190*175mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345												
0	2171	2171	2171	2171	2171												
5	2092	2099	2111	2127	2148												
10	2025	2039	2063	2096	2138												
15	1966	1980	2014	2067	2135												
20	1918	1929	1964	2037	2138												
25	1865	1876	1913	2002	2146												
30	1809	1820	1860	1966	2156												
35	1751	1761	1807	1931	2176												
40	1689	1700	1752	1901	2205												
45	1621	1631	1692	1874	2245												
50	1540	1549	1621	1842	2291												
55	1391	1433	1519	1790	2326												
60	1154	1192	1351	1664	2334												
65	813	872	996	1412	2261												
70	434	482	562	903	1870												
75	206	245	251	365	990												
80	97.2	112	103	121	219												
85	34.4	32.0	26.5	32.4	37.4												
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:2024-5-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks: