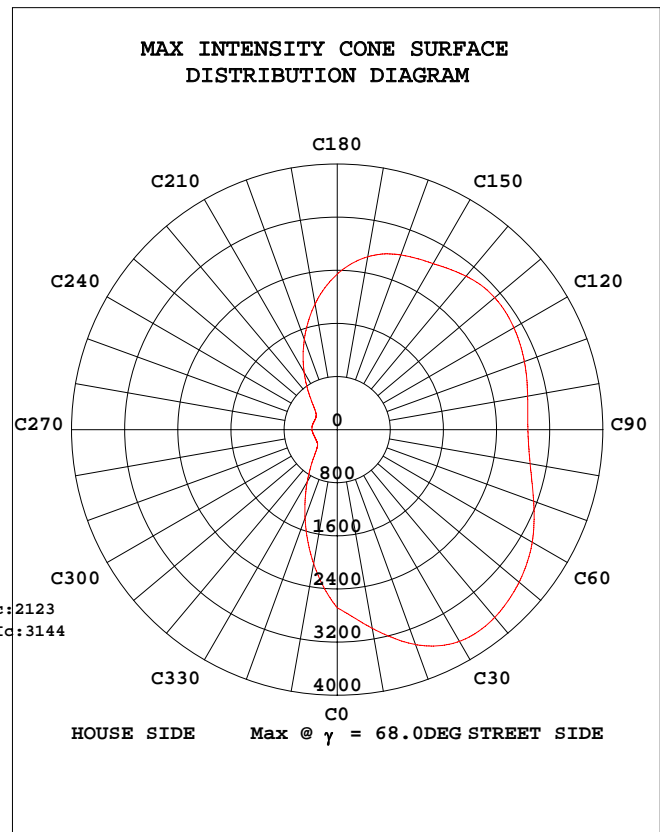
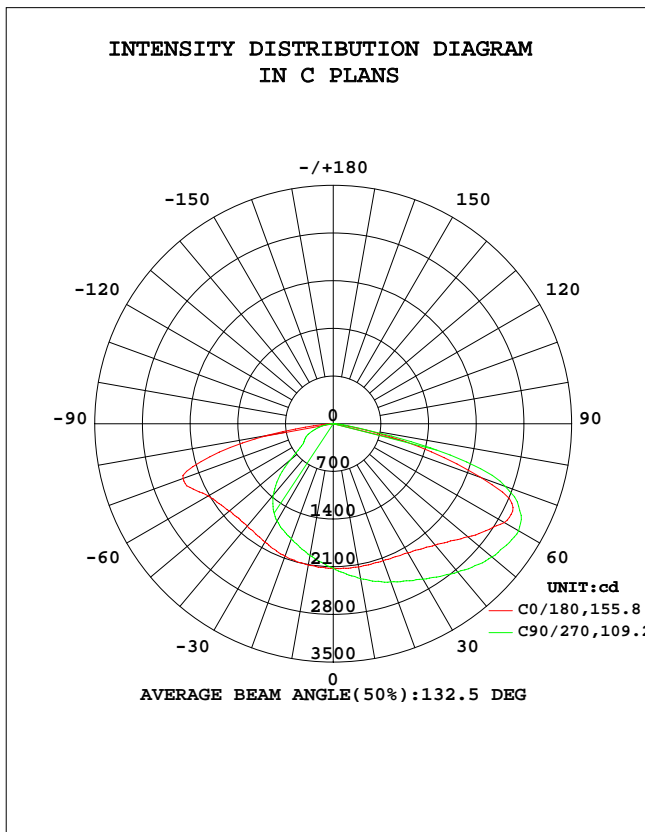


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.2731A P:59.09W PF:0.9866 Freq:50.01Hz Lamp Flux:10427.3x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-5070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 176.45 lm/W			
MODEL	2835	Imax(cd)	3681	$\eta$ street_up(%)	0.0
NOMINAL POWER(W)	60	LOR(%)	100.0	$\eta$ street_down(%)	68.7
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	10427	$\eta$ house_up(%)	0.0
NOMINAL FLUX(lm)	10427.3	MAXIMUM @(C, $\gamma$ )	30,68.0	$\eta$ house_down(%)	31.3
LAMPS INSIDE	1	$\eta$ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	$\eta$ down(%)	100.0	SLI	19.963

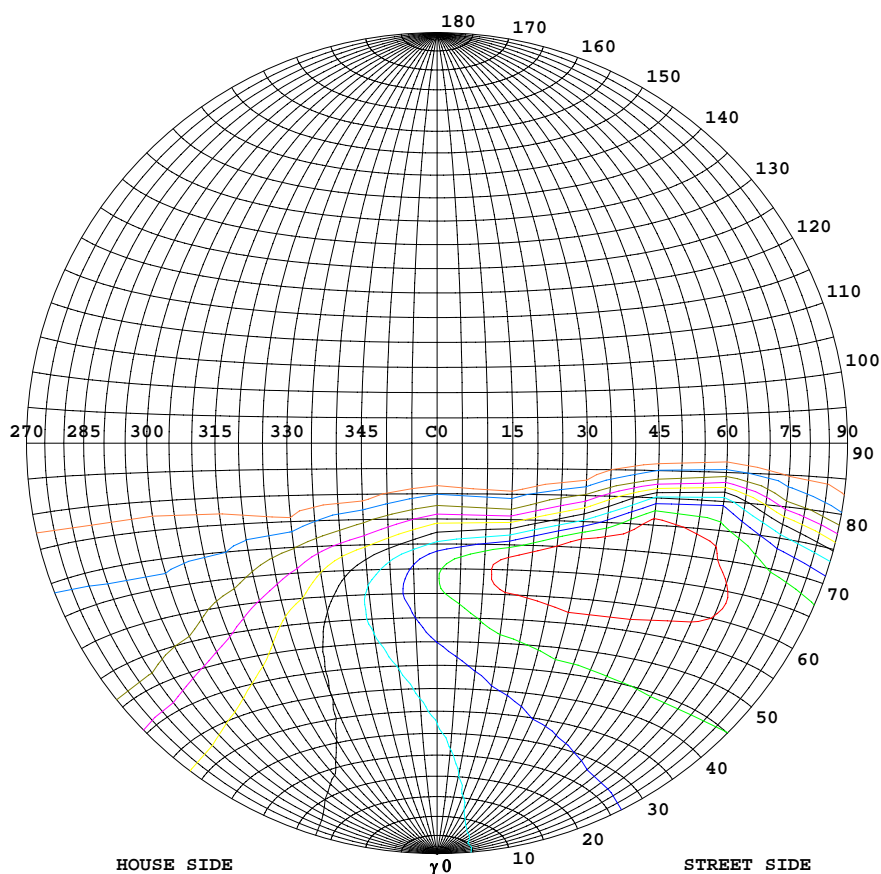


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2731A P:59.09W PF:0.9866 Freq:50.01Hz Lamp Flux:10427.3x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-5070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:



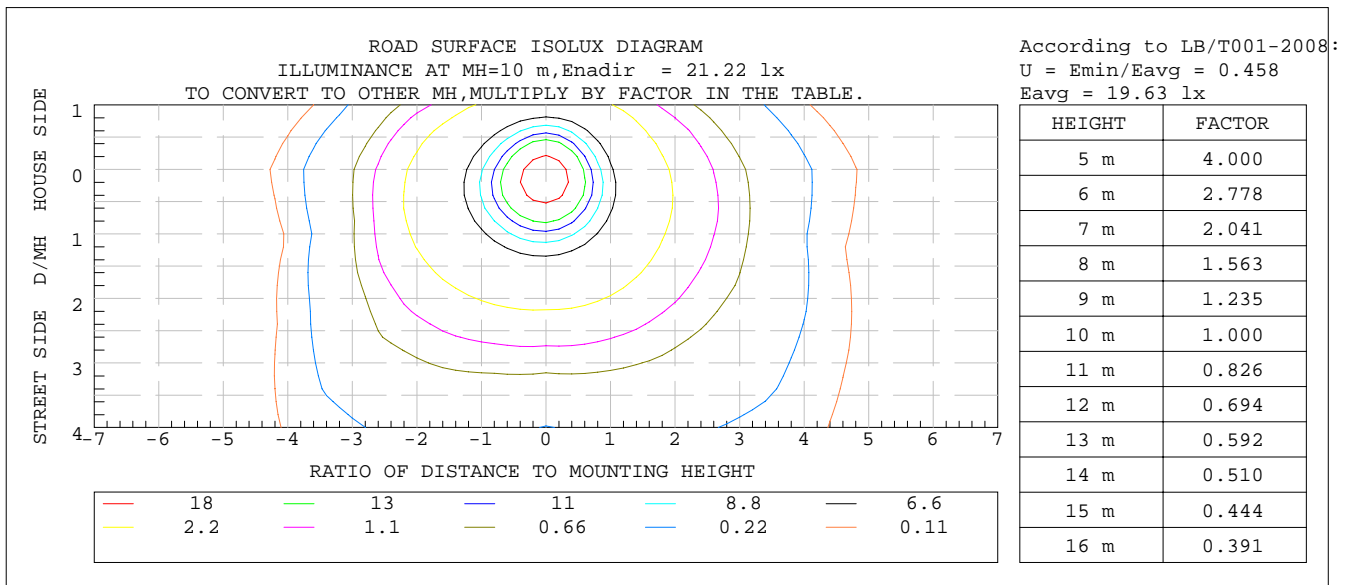
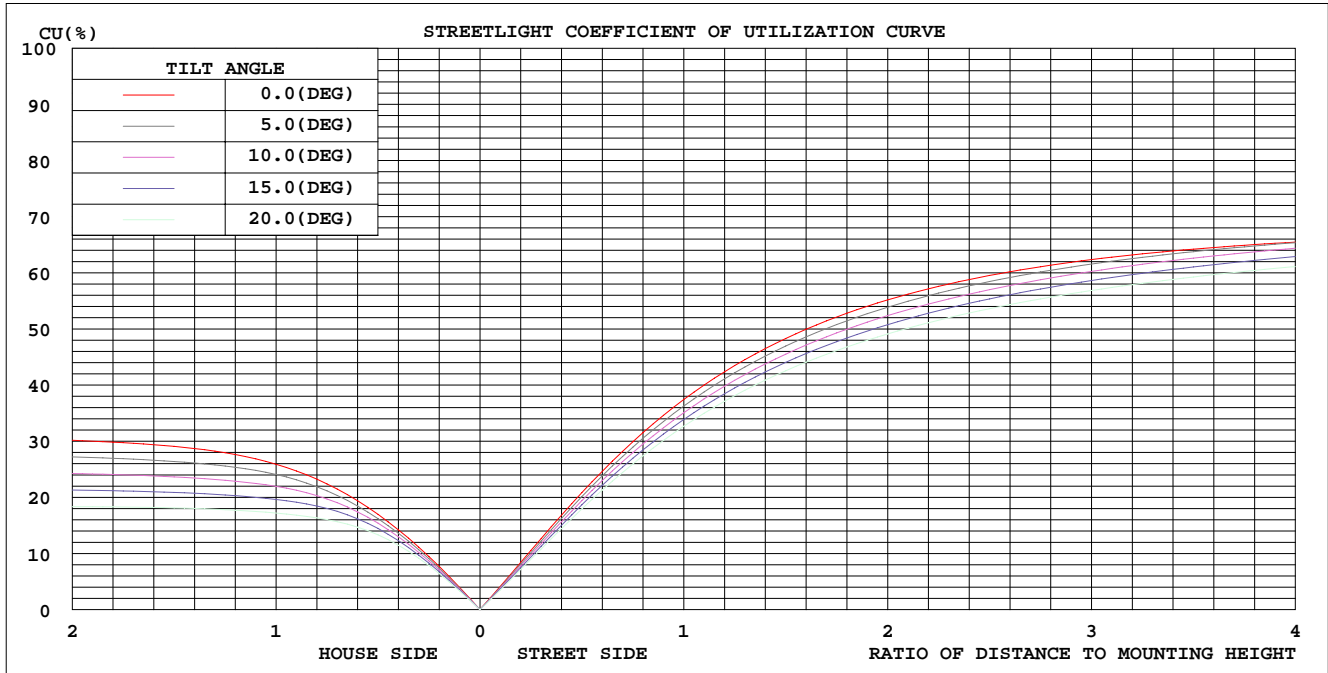
## Classification:

IES:Type IV - Short  
CIE:Broad - Intermediate  
IES:None cut-off  
CIE:Non-cut-off  
Max.At80:251.2cd/klm  
Max.At90:0cd/klm  
Max.80-90:251.2cd/klm  
NRB 5101:Semi limited[25.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3681
90%	3313
80%	2945
70%	2577
60%	2209
50%	1841
40%	1472
30%	1104
20%	736
10%	368
5%	184

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: 2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2731A P:59.09W PF:0.9866 Freq:50.01Hz Lamp Flux:10427.3x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-5070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

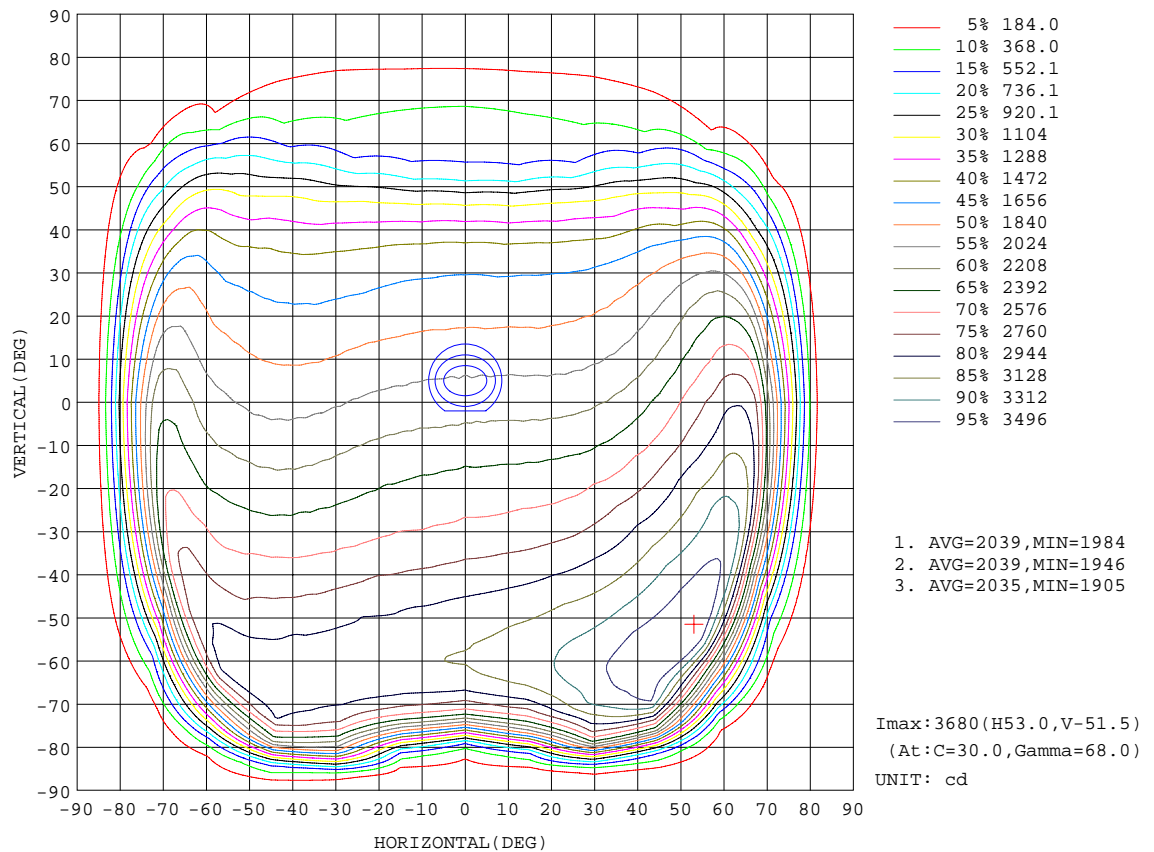
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	2135	2250	2309	2242	2109	1988	1966	2016	0- 10	202.6	202.6	1.94,1.94
20	2138	2400	2469	2342	2068	1856	1799	1889	10- 20	601.4	804.1	7.71,7.71
30	2190	2553	2635	2433	2008	1706	1651	1777	20- 30	979.8	1784	17.1,17.1
40	2327	2776	2841	2531	1964	1559	1371	1658	30- 40	1333	3117	29.9,29.9
50	2583	3068	3043	2688	1993	1326	819.4	1399	40- 50	1647	4763	45.7,45.7
60	2901	3404	3143	2893	2119	966.5	490.7	955.0	50- 60	1888	6651	63.8,63.8
70	2300	3665	2683	3088	2347	423.5	336.3	366.5	60- 70	2022	8674	83.2,83.2
80	352.0	2274	400.8	2619	980.7	158.1	122.4	120.3	70- 80	1478	10152	97.4,97.4
90	0	0	0	0	0	0	0	0	80- 90	275.6	10427	100,100
100	0	0	0	0	0	0	0	0	90-100	0	10427	100,100
110	0	0	0	0	0	0	0	0	100-110	0	10427	100,100
120	0	0	0	0	0	0	0	0	110-120	0	10427	100,100
130	0	0	0	0	0	0	0	0	120-130	0	10427	100,100
140	0	0	0	0	0	0	0	0	130-140	0	10427	100,100
150	0	0	0	0	0	0	0	0	140-150	0	10427	100,100
160	0	0	0	0	0	0	0	0	150-160	0	10427	100,100
170	0	0	0	0	0	0	0	0	160-170	0	10427	100,100
180	0	0	0	0	0	0	0	0	170-180	0	10427	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:2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

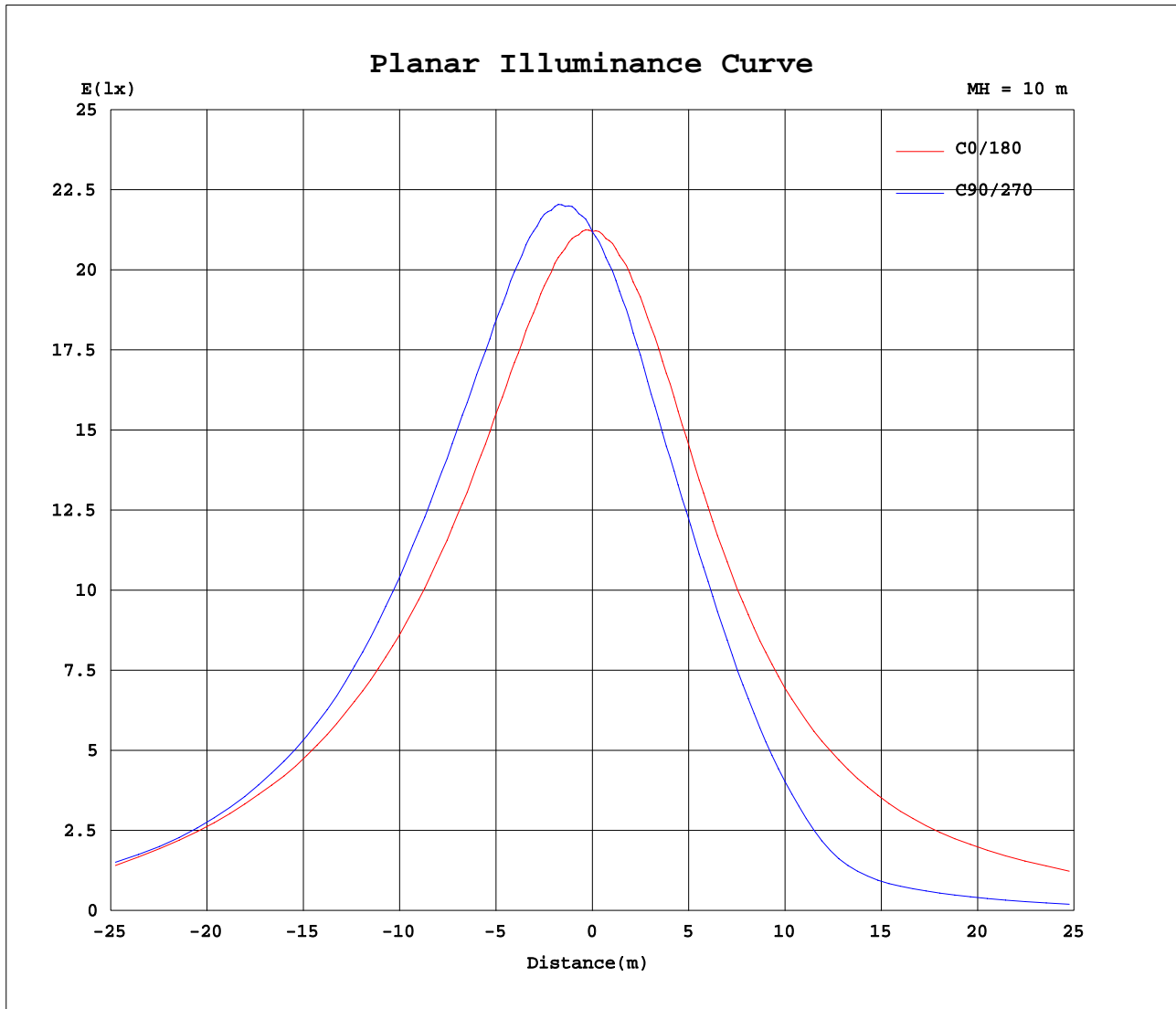
Test:U:219.3V I:0.2731A P:59.09W PF:0.9866 Freq:50.01Hz Lamp Flux:10427.3x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-5070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

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



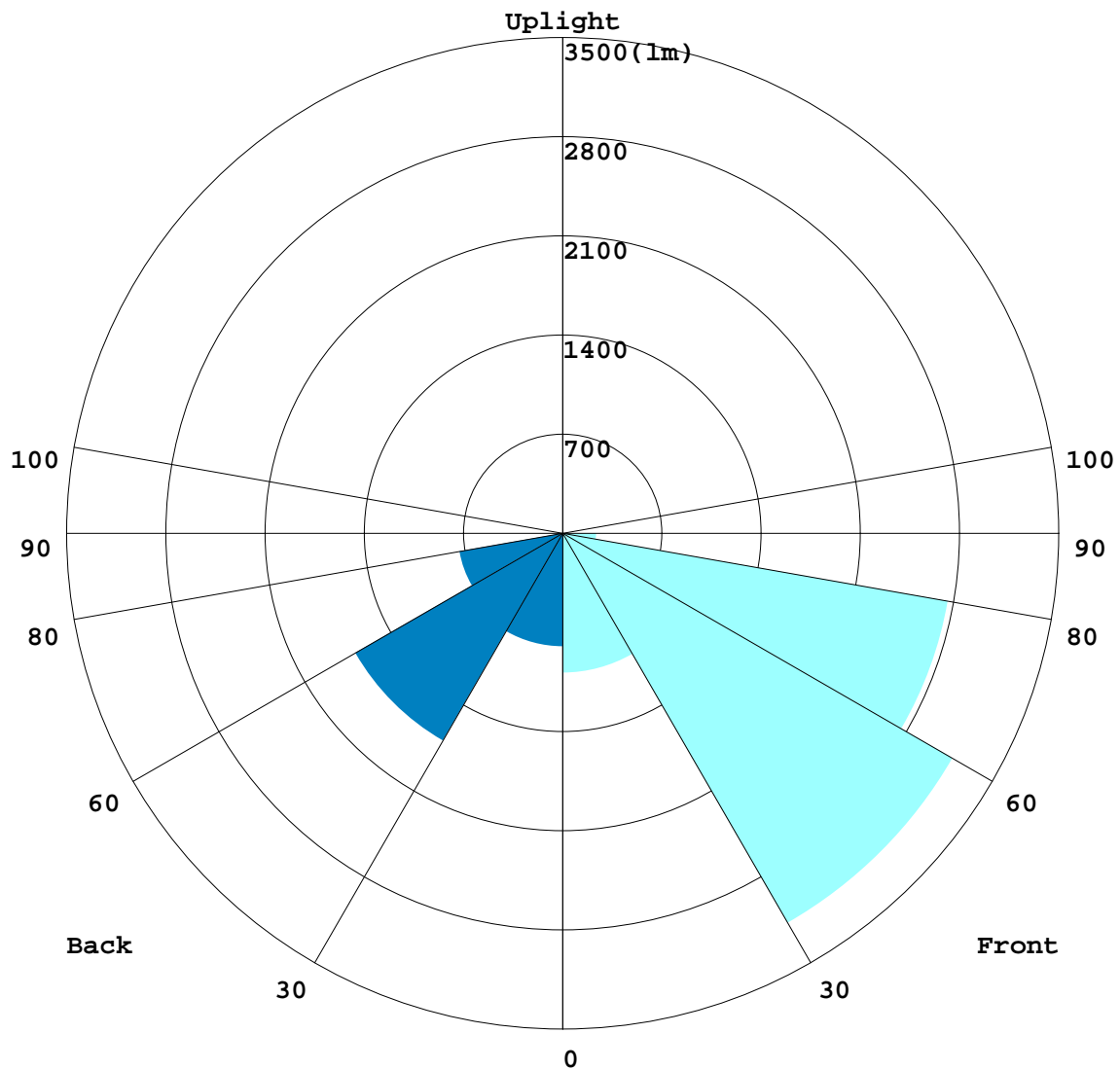
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2731A P:59.09W PF:0.9866 Freq:50.01Hz Lamp Flux:10427.3x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-5070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	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:2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2731A P:59.09W PF:0.9866 Freq:50.01Hz Lamp Flux:10427.3x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-5070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

## IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	984.87	9.4
FM - Front-Medium(30-60)	3176.9	30.5
FH - Front-High(60-80)	2760.7	26.5
FVH - Front-Very High(80-90)	237.07	2.3
Total Forward Light	7159.6	68.7

BL - Back-Low(0-30)	799.03	7.7
BM - Back-Medium(30-60)	1690.3	16.2
BH - Back-High(60-80)	739.88	7.1
BVH - Back-Very High(80-90)	38.54	0.4
Total Back Light	3267.8	31.3

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	3267.8	0	3267.8
Street Side	7159.6	0	7159.6

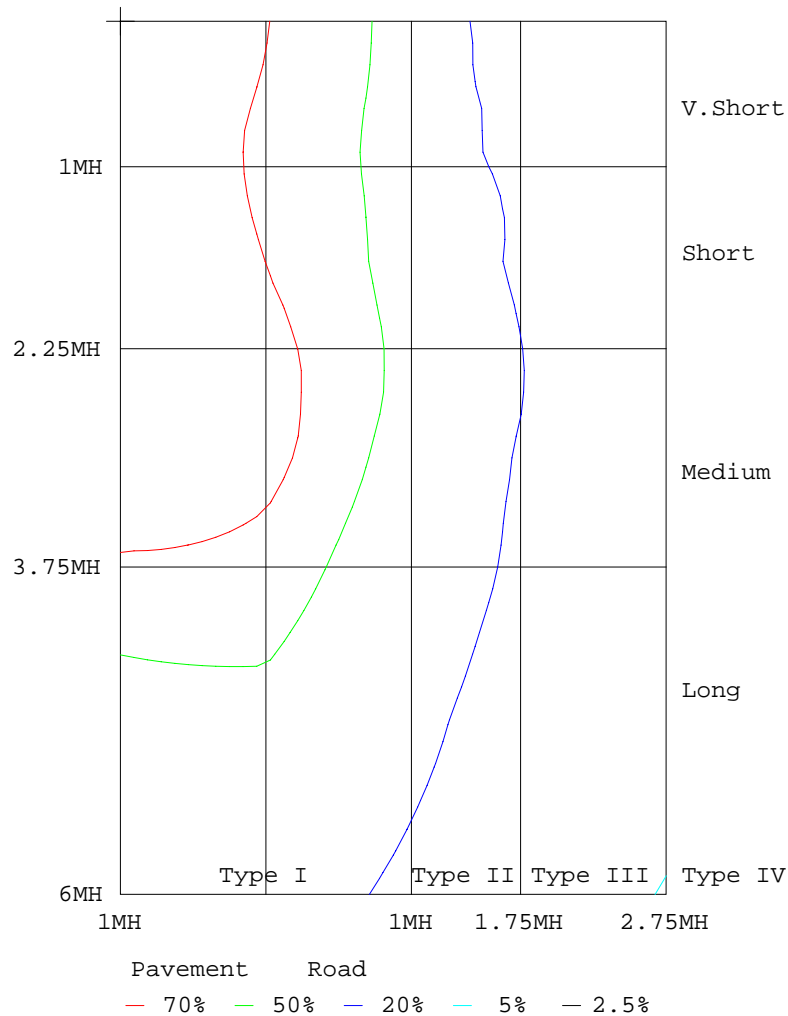
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yanyonggeng  
 Test Date:2024-12-2

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:0.2731A P:59.09W PF:0.9866 Freq:50.01Hz Lamp Flux:10427.3x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-5070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2731A P:59.09W PF:0.9866 Freq:50.01Hz Lamp Flux:10427.3x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-5070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	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	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120
5	2130	2147	2173	2186	2207	2208	2215	2203	2193	2181	2154	2133	2116	2091	2075	2055	2049	2038	2041
10	2135	2169	2226	2250	2292	2294	2309	2283	2261	2242	2186	2152	2109	2053	2029	1988	1980	1955	1966
15	2137	2200	2279	2322	2373	2382	2396	2368	2332	2294	2222	2164	2092	2018	1975	1923	1903	1877	1882
20	2138	2238	2330	2400	2447	2469	2469	2445	2399	2342	2256	2165	2068	1981	1913	1856	1821	1800	1799
25	2154	2278	2392	2473	2528	2548	2544	2511	2458	2386	2283	2157	2037	1932	1850	1782	1746	1730	1727
30	2190	2336	2479	2553	2617	2633	2635	2584	2515	2433	2297	2152	2008	1876	1787	1706	1679	1649	1651
35	2247	2422	2583	2648	2719	2731	2736	2670	2582	2479	2319	2156	1980	1822	1719	1636	1595	1543	1537
40	2327	2547	2711	2776	2832	2848	2841	2775	2671	2531	2356	2166	1964	1783	1657	1559	1478	1397	1371
45	2435	2696	2853	2921	2963	2974	2944	2883	2767	2599	2409	2193	1962	1757	1601	1463	1318	1194	1139
50	2583	2873	3024	3068	3102	3085	3043	2976	2867	2688	2475	2248	1993	1745	1546	1326	1128	913	819
55	2738	3068	3227	3227	3228	3167	3107	3044	2952	2790	2563	2339	2045	1739	1474	1158	859	614	572
60	2901	3284	3425	3404	3349	3230	3143	3108	3037	2893	2674	2442	2119	1730	1338	967	565	482	491
65	2912	3426	3632	3584	3405	3177	3021	3074	3088	3002	2784	2604	2268	1752	1133	674	416	421	434
70	2300	2785	3579	3665	3348	2908	2683	2849	3033	3088	2977	2793	2347	1590	866	424	341	340	336
75	1302	1297	2278	3502	3082	2319	1775	2214	2836	3069	2938	2140	1874	1034	434	266	255	240	232
80	352	258	784	2274	2436	983	401	906	2231	2619	1720	794	981	373	147	158	156	131	122
85	36.8	36.2	84.9	375	474	162	117	166	831	900	325	73.4	176	52.5	55.1	55.1	49.4	32.5	26.8
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:2024-12-2

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:0.2731A P:59.09W PF:0.9866 Freq:50.01Hz Lamp Flux:10427.3x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-5070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345													
0	2120	2120	2120	2120	2120													
5	2041	2050	2069	2081	2106													
10	1960	1977	2016	2038	2088													
15	1883	1907	1955	1994	2061													
20	1806	1836	1889	1956	2037													
25	1737	1766	1826	1916	2027													
30	1654	1698	1777	1878	2027													
35	1544	1614	1728	1849	2039													
40	1389	1497	1658	1836	2063													
45	1180	1329	1553	1822	2113													
50	880	1121	1399	1786	2185													
55	587	800	1215	1691	2257													
60	470	522	955	1472	2258													
65	409	405	610	1170	2040													
70	322	325	366	715	1401													
75	223	230	228	206	655													
80	120	131	120	105	122													
85	25.4	28.4	23.4	22.8	23.2													
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:2024-12-2

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: