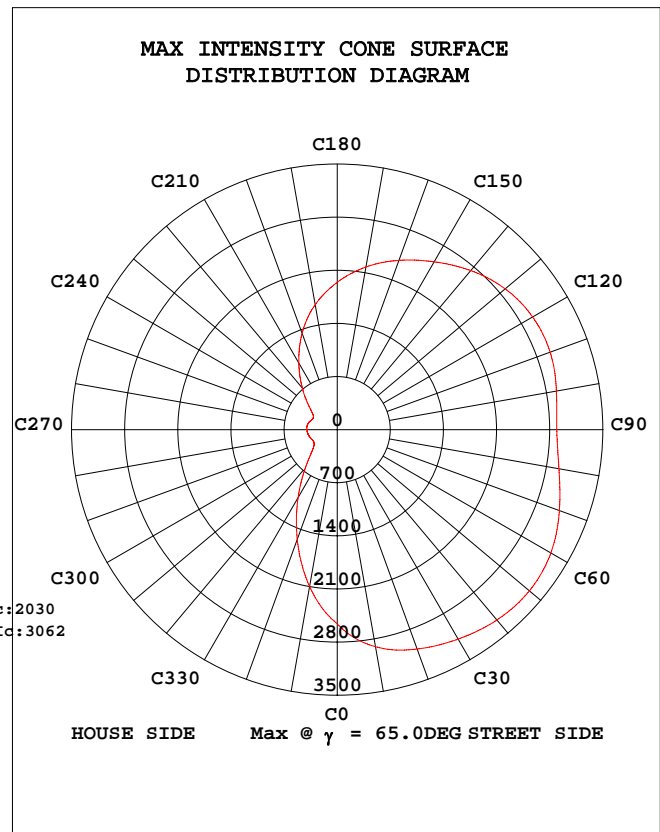
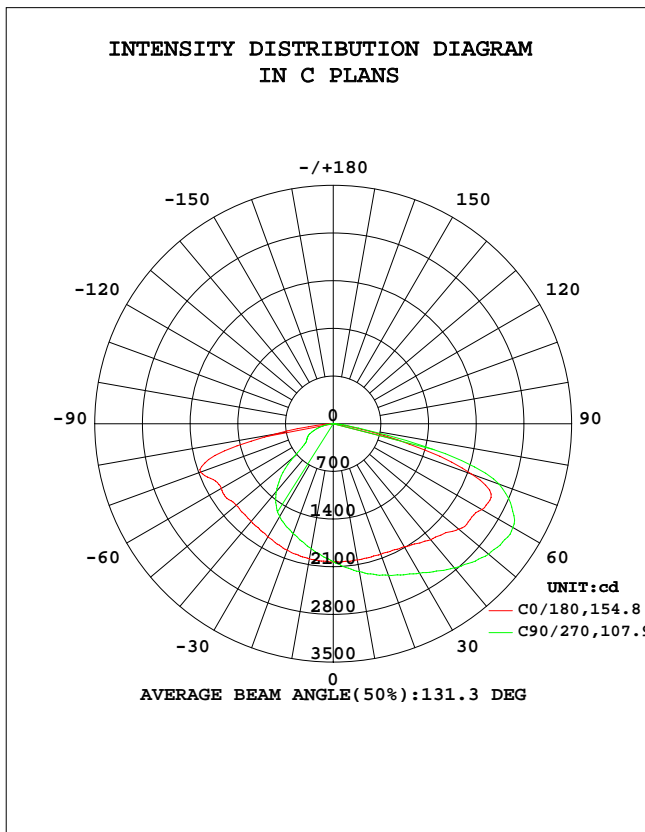


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.2712A P:58.65W PF:0.9864 Freq:50.01Hz Lamp Flux:9782.66x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 166.81 lm/W			
MODEL	2835	I <sub>max</sub> (cd)	3298	η street_up(%)	0.0
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	68.8
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	9783	η house_up(%)	0.0
NOMINAL FLUX(lm)	9782.66	MAXIMUM @(C,γ )	45,65.0	η house_down(%)	31.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.716

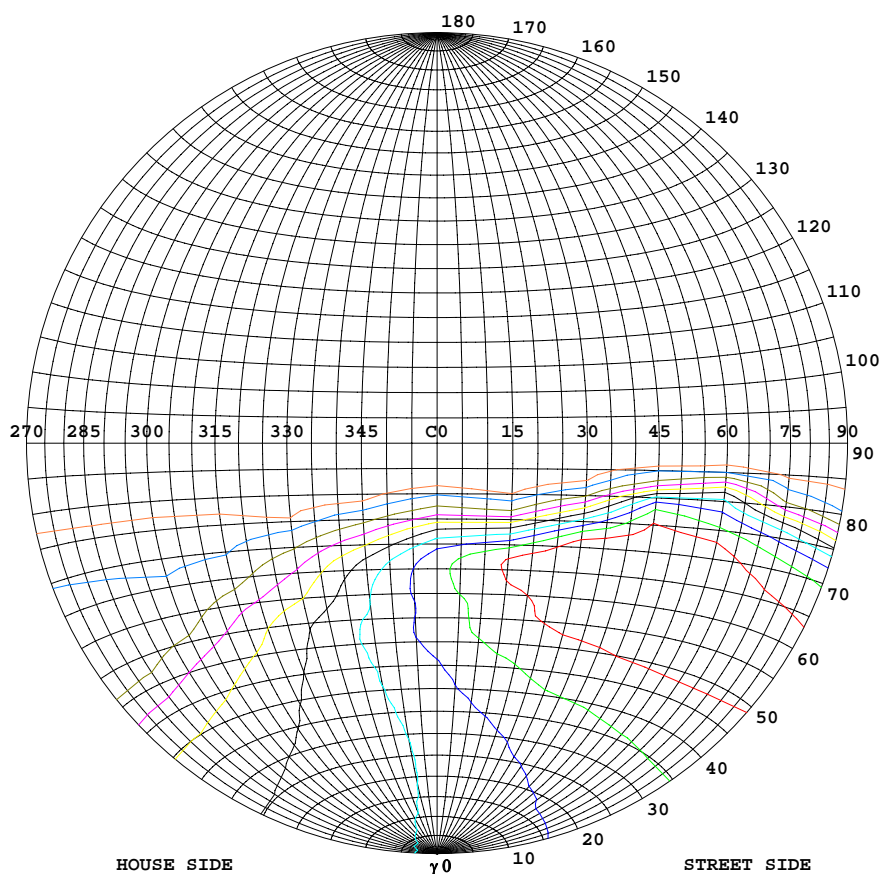


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

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:

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.3V I:0.2712A P:58.65W PF:0.9864 Freq:50.01Hz Lamp Flux:9782.66x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:



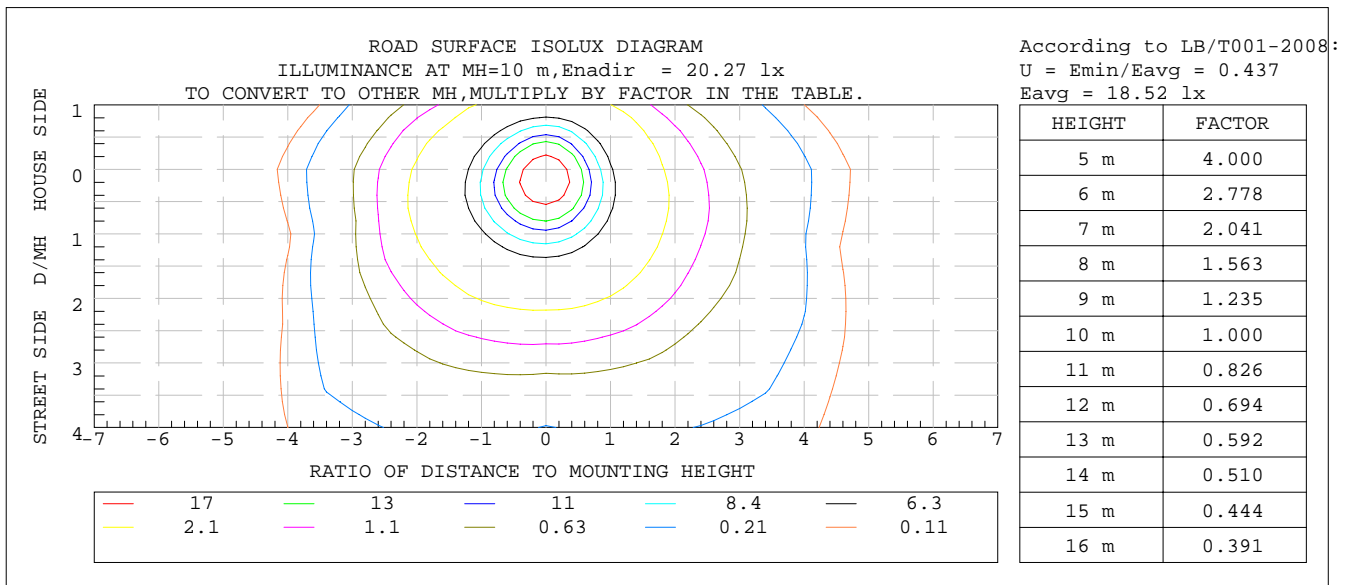
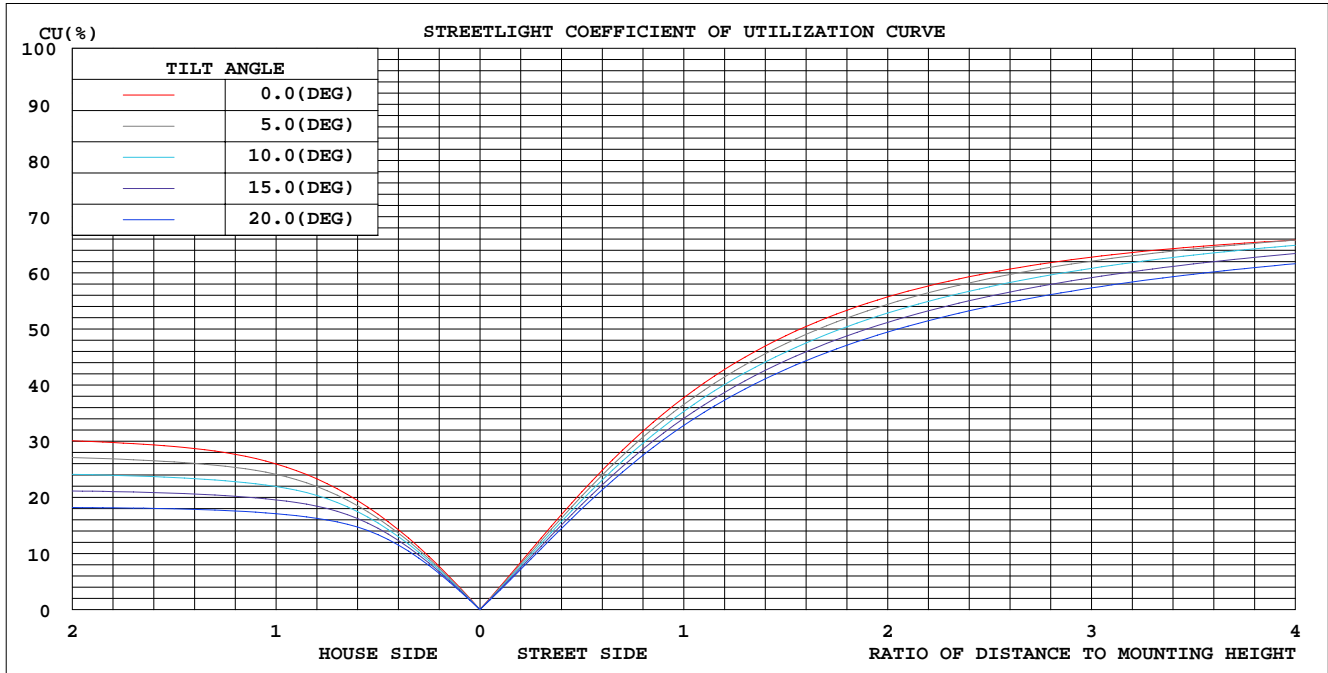
## Classification:

IES:Type IV - Short  
CIE:Broad - Intermediate  
IES:None cut-off  
CIE:Non-cut-off  
Max.At80:245.6cd/klm  
Max.At90:0cd/klm  
Max.80-90:245.6cd/klm  
NRB 5101:Semi limited[24.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3298
90%	2968
80%	2639
70%	2309
60%	1979
50%	1649
40%	1319
30%	989
20%	660
10%	330
5%	165

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:0.2712A P:58.65W PF:0.9864 Freq:50.01Hz Lamp Flux:9782.66x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

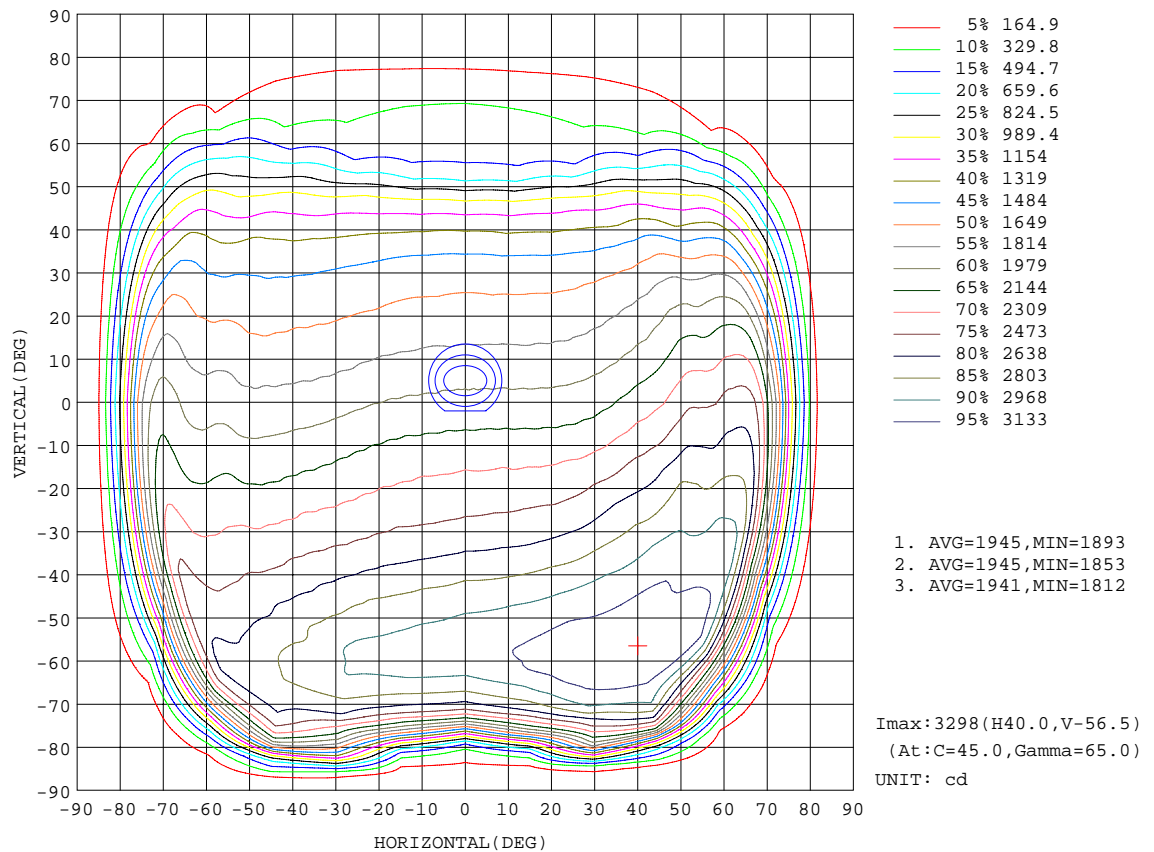
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	2032	2156	2203	2146	2014	1896	1861	1918	0- 10	193.7	193.7	1.98,1.98
20	2040	2295	2370	2253	1974	1772	1718	1794	10- 20	575.0	768.7	7.86,7.86
30	2086	2450	2535	2337	1918	1637	1574	1696	20- 30	938.6	1707	17.5,17.5
40	2225	2673	2762	2443	1873	1497	1304	1579	30- 40	1281	2988	30.5,30.5
50	2407	2970	2980	2598	1863	1266	749.6	1341	40- 50	1580	4568	46.7,46.7
60	2521	3227	3044	2774	1898	897.3	446.5	882.8	50- 60	1785	6353	64.9,64.9
70	2164	3210	2589	2826	2075	354.7	313.1	312.3	60- 70	1852	8205	83.9,83.9
80	300.1	2071	377.1	2403	846.1	146.6	106.2	109.8	70- 80	1340	9545	97.6,97.6
90	0	0	0	0	0	0	0	0	80- 90	237.7	9783	100,100
100	0	0	0	0	0	0	0	0	90-100	0	9783	100,100
110	0	0	0	0	0	0	0	0	100-110	0	9783	100,100
120	0	0	0	0	0	0	0	0	110-120	0	9783	100,100
130	0	0	0	0	0	0	0	0	120-130	0	9783	100,100
140	0	0	0	0	0	0	0	0	130-140	0	9783	100,100
150	0	0	0	0	0	0	0	0	140-150	0	9783	100,100
160	0	0	0	0	0	0	0	0	150-160	0	9783	100,100
170	0	0	0	0	0	0	0	0	160-170	0	9783	100,100
180	0	0	0	0	0	0	0	0	170-180	0	9783	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

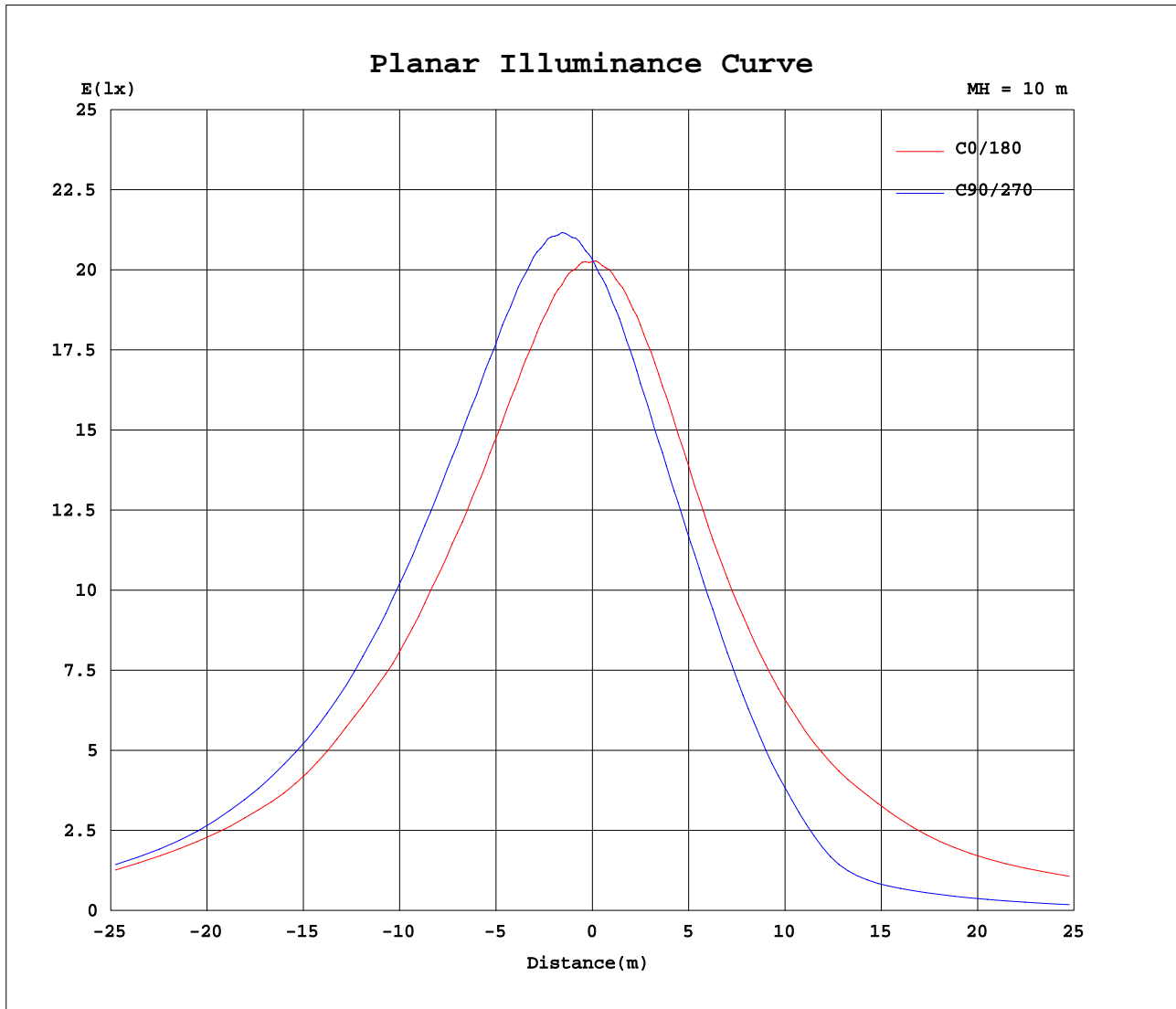
Test:U:219.3V I:0.2712A P:58.65W PF:0.9864 Freq:50.01Hz Lamp Flux:9782.66x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:



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



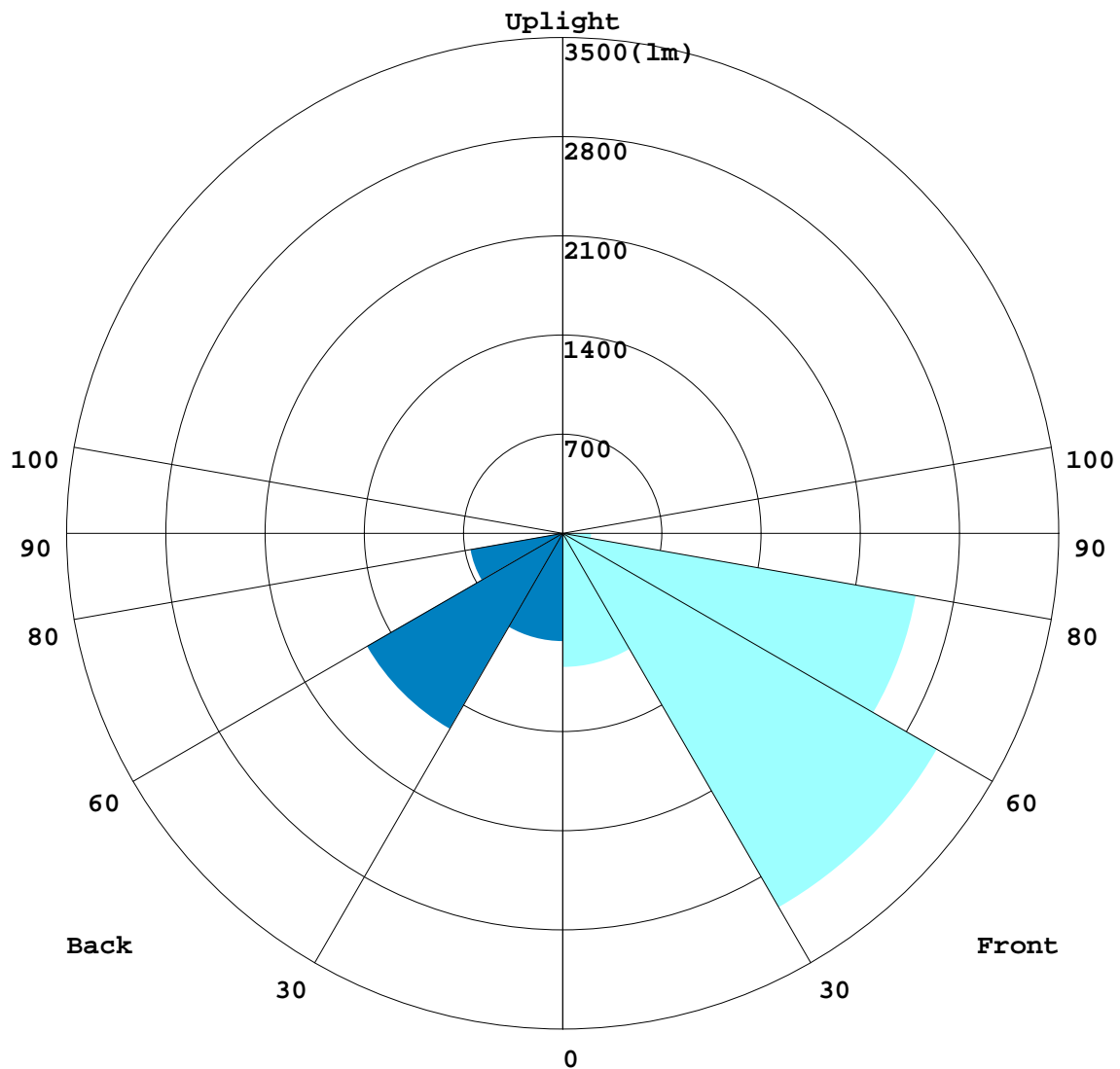
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2024-12-2

$\gamma$  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:0.2712A P:58.65W PF:0.9864 Freq:50.01Hz Lamp Flux:9782.66x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-3070-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:0.2712A P:58.65W PF:0.9864 Freq:50.01Hz Lamp Flux:9782.66x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-3070-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)	944.54	9.7
FM - Front-Medium(30-60)	3050.9	31.2
FH - Front-High(60-80)	2532	25.9
FVH - Front-Very High(80-90)	202.33	2.1
Total Forward Light	6729.8	68.8

BL - Back-Low(0-30)	762.75	7.8
BM - Back-Medium(30-60)	1594.9	16.3
BH - Back-High(60-80)	659.89	6.7
BVH - Back-Very High(80-90)	35.362	0.4
Total Back Light	3052.9	31.2

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	3052.9	0	3052.9
Street Side	6729.8	0	6729.8

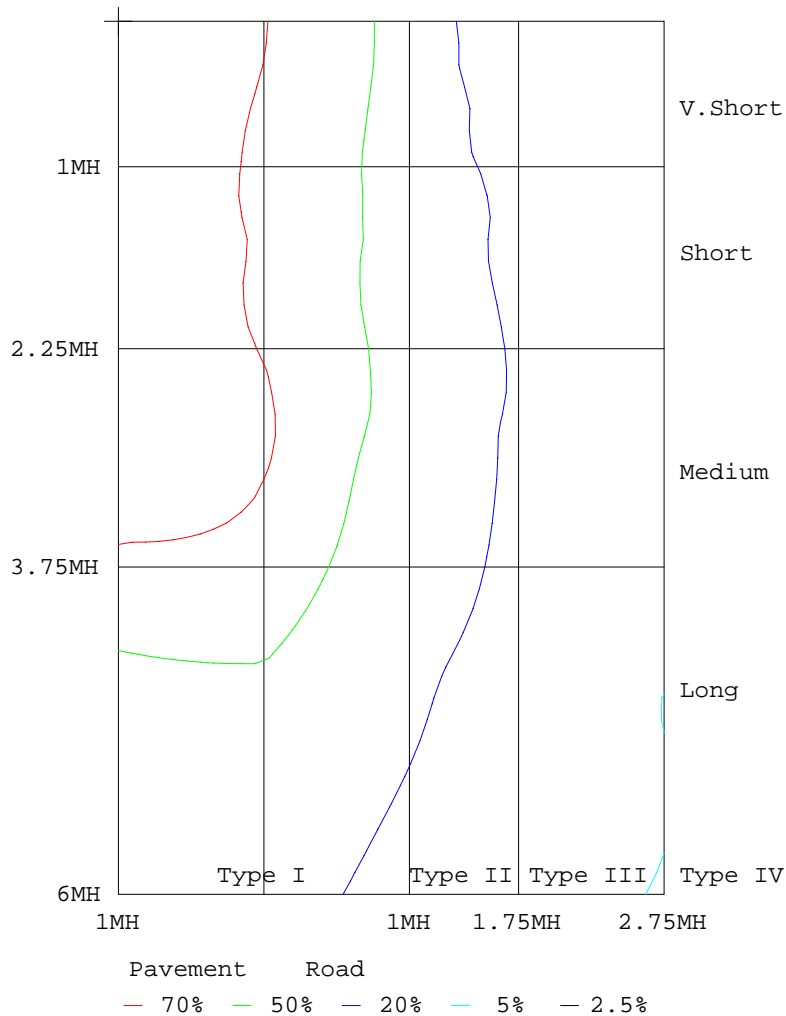
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yanyonggeng  
 Test Date:2024-12-2

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:0.2712A P:58.65W PF:0.9864 Freq:50.01Hz Lamp Flux:9782.66x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-3070-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:0.2712A P:58.65W PF:0.9864 Freq:50.01Hz Lamp Flux:9782.66x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-3070-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	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027
5	2027	2050	2076	2093	2111	2122	2119	2117	2099	2084	2062	2040	2025	2002	1985	1961	1949	1945	1943
10	2032	2075	2127	2156	2191	2209	2203	2206	2169	2146	2101	2059	2014	1968	1937	1896	1881	1872	1861
15	2034	2106	2177	2220	2263	2290	2288	2287	2243	2203	2139	2073	1996	1929	1883	1834	1811	1796	1786
20	2040	2138	2228	2295	2340	2367	2370	2355	2308	2253	2171	2076	1974	1891	1823	1772	1740	1725	1718
25	2052	2177	2287	2371	2424	2452	2449	2422	2367	2294	2191	2069	1950	1844	1765	1707	1672	1656	1651
30	2086	2234	2373	2450	2514	2546	2535	2507	2424	2337	2208	2061	1918	1795	1707	1637	1604	1586	1574
35	2148	2329	2479	2546	2612	2651	2640	2607	2499	2388	2236	2065	1890	1743	1644	1570	1527	1488	1461
40	2225	2449	2613	2673	2736	2767	2762	2715	2592	2443	2272	2079	1873	1703	1585	1497	1415	1341	1304
45	2288	2557	2747	2826	2870	2897	2879	2824	2696	2515	2320	2088	1862	1669	1523	1398	1257	1138	1081
50	2407	2715	2871	2970	3011	3027	2980	2931	2796	2598	2362	2108	1863	1630	1460	1266	1074	854	750
55	2453	2837	3056	3088	3136	3117	3032	3017	2887	2681	2411	2180	1908	1619	1374	1090	797	542	505
60	2521	2894	3121	3227	3242	3147	3044	3060	2977	2774	2497	2246	1898	1565	1247	897	489	437	447
65	2558	3006	3187	3298	3250	3037	2892	2966	2972	2820	2555	2281	1943	1522	1013	594	364	386	400
70	2164	2525	3159	3210	3113	2801	2589	2704	2862	2826	2599	2456	2075	1425	769	355	300	316	313
75	1154	1151	2103	2991	2701	2230	1706	2102	2589	2695	2642	1974	1799	966	386	229	221	219	210
80	300	172	618	2071	2048	842	377	820	1928	2403	1574	652	846	319	130	147	143	117	106
85	36.8	37.4	60.5	319	328	138	116	152	695	705	251	65.5	158	51.7	52.4	51.9	46.8	28.4	20.6
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:0.2712A P:58.65W PF:0.9864 Freq:50.01Hz Lamp Flux:9782.66x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	2027	2027	2027	2027	2027													
5	1954	1956	1973	1988	2010													
10	1879	1884	1918	1946	1989													
15	1802	1812	1853	1898	1961													
20	1728	1749	1794	1859	1941													
25	1661	1686	1743	1826	1932													
30	1589	1621	1696	1796	1934													
35	1486	1539	1646	1772	1946													
40	1329	1423	1579	1755	1970													
45	1123	1267	1484	1736	1999													
50	822	1073	1341	1697	2057													
55	520	739	1161	1609	2038													
60	430	453	883	1312	1966													
65	376	354	522	1033	1823													
70	299	284	312	632	1298													
75	201	200	199	184	566													
80	105	118	110	94.6	112													
85	22.5	27.3	23.9	25.4	24.7													
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: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: