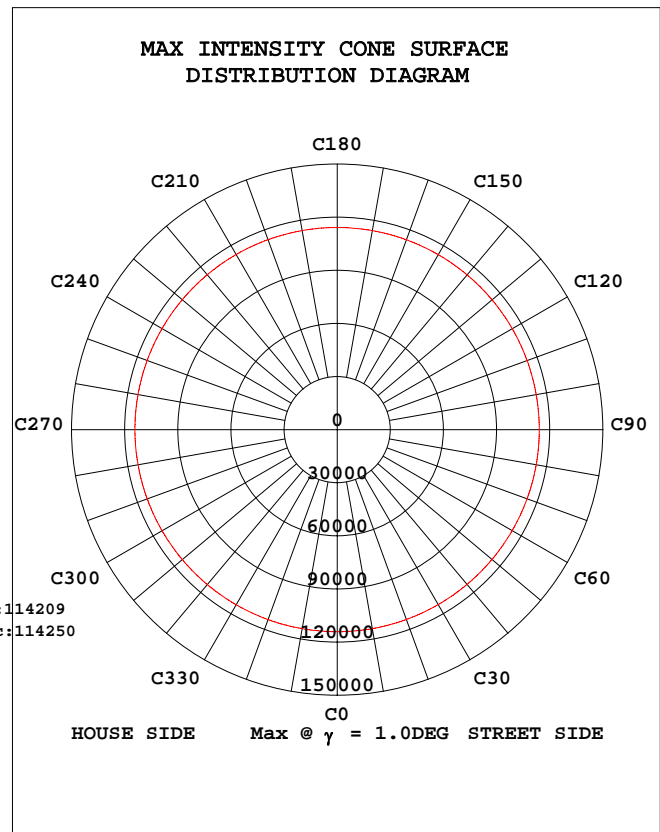
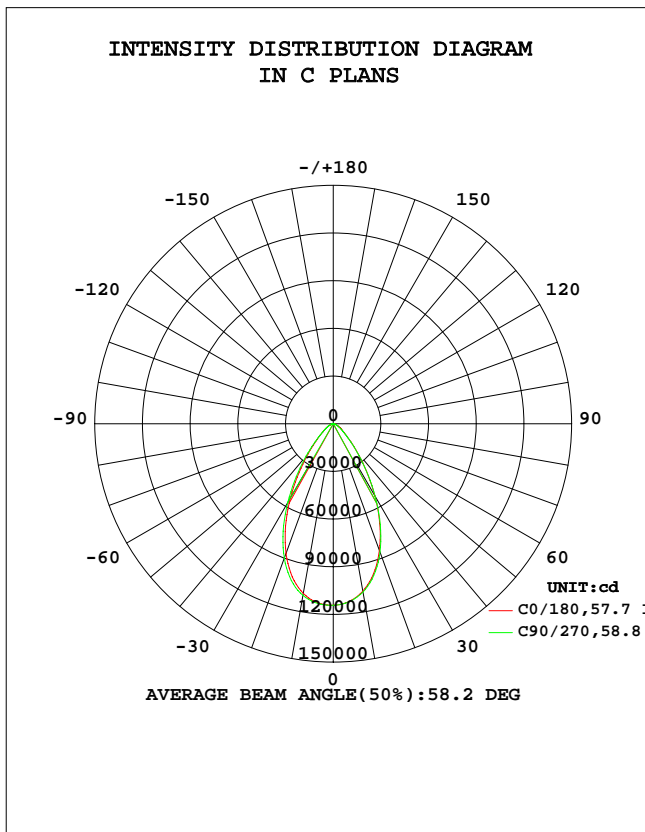


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:2.792A P:609.7W PF:0.9968 Freq:50.00Hz Lamp Flux:117200x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 192.22 lm/W			
MODEL	5050	I _{max} (cd)	114250	η street_up(%)	0.0
NOMINAL POWER(W)	600	LOR(%)	100.0	η street_down(%)	49.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	117200	η house_up(%)	0.0
NOMINAL FLUX(lm)	117200	MAXIMUM @(C,γ)	270,1.0	η house_down(%)	51.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.664

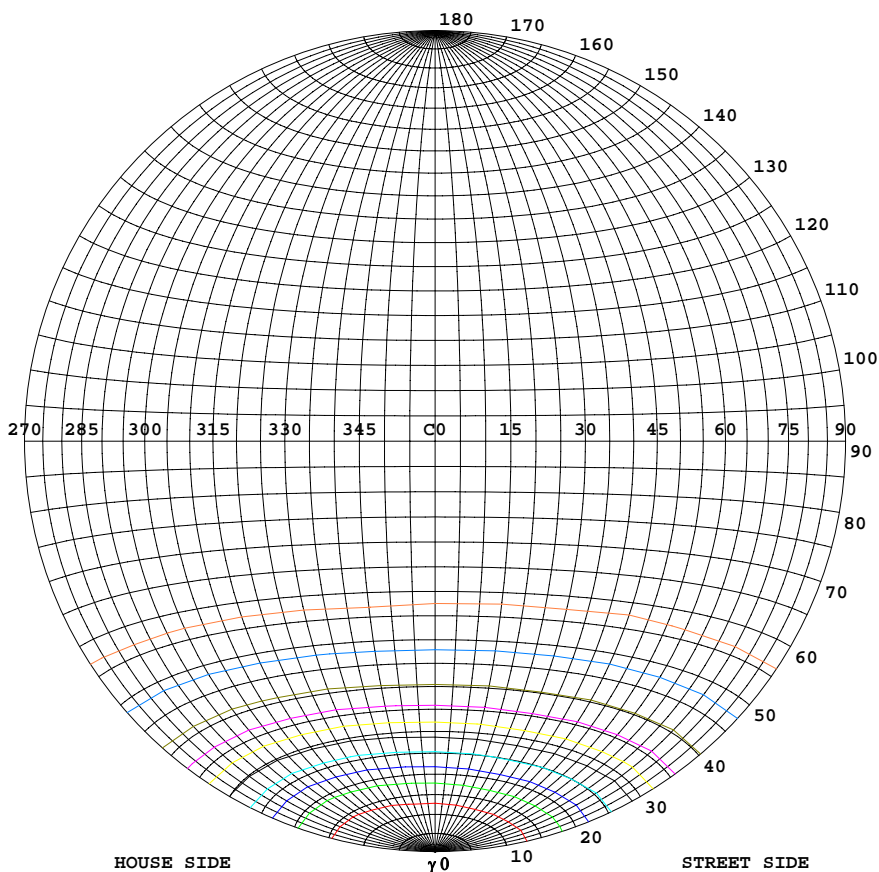


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-6-1

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:219.1V I:2.792A P:609.7W PF:0.9968 Freq:50.00Hz Lamp Flux:117200x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



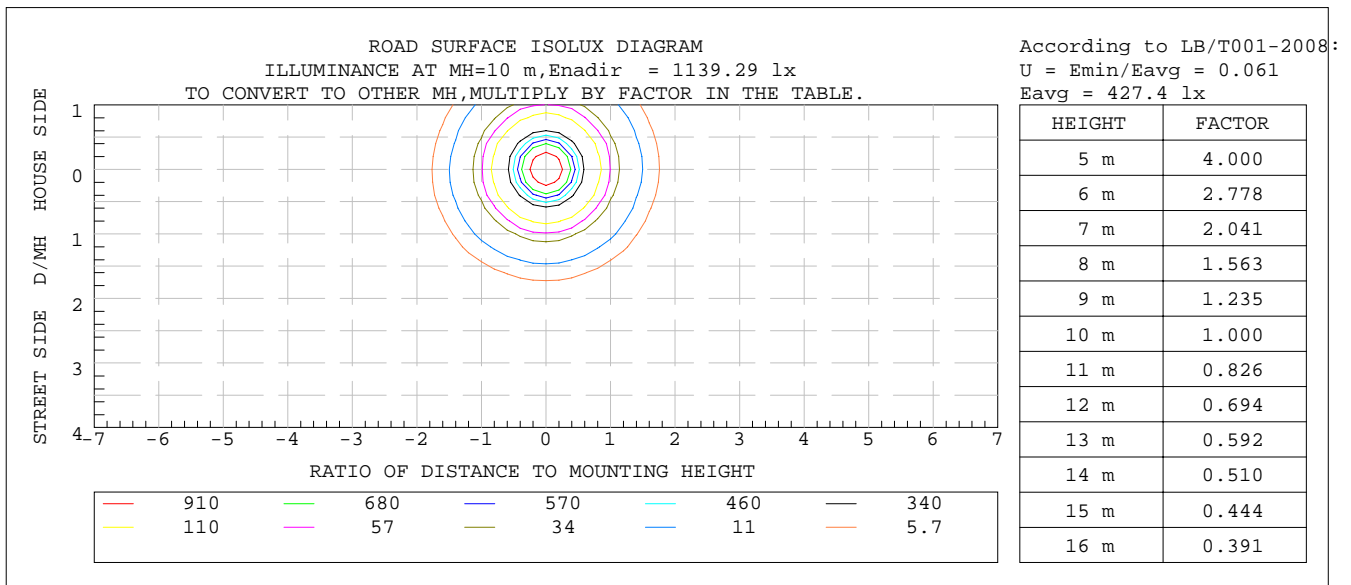
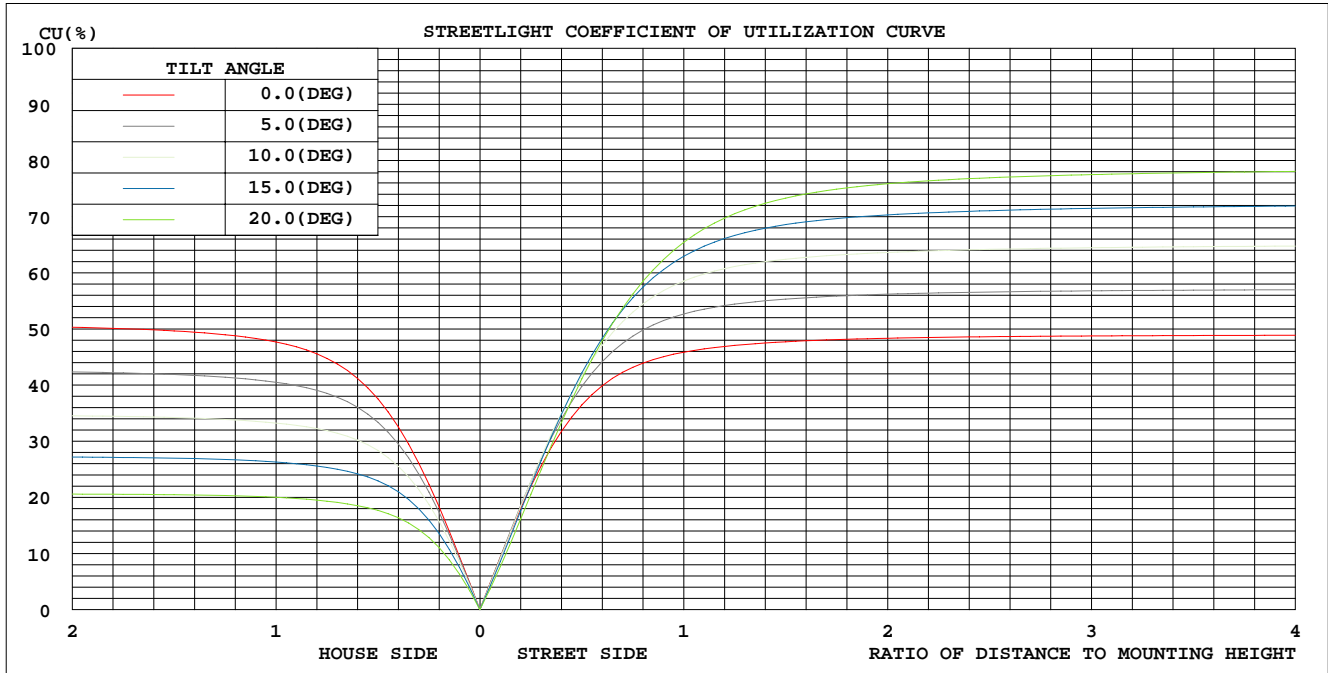
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:6.206cd/klm
Max.At90:0cd/klm
Max.80-90:6.206cd/klm
NRB 5101:Limited[1.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	114250
90%	102825
80%	91400
70%	79975
60%	68550
50%	57125
40%	45700
30%	34275
20%	22850
10%	11425
5%	5713

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-6-1

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: 2025-6-1

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:219.1V I:2.792A P:609.7W PF:0.9968 Freq:50.00Hz Lamp Flux:117200x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

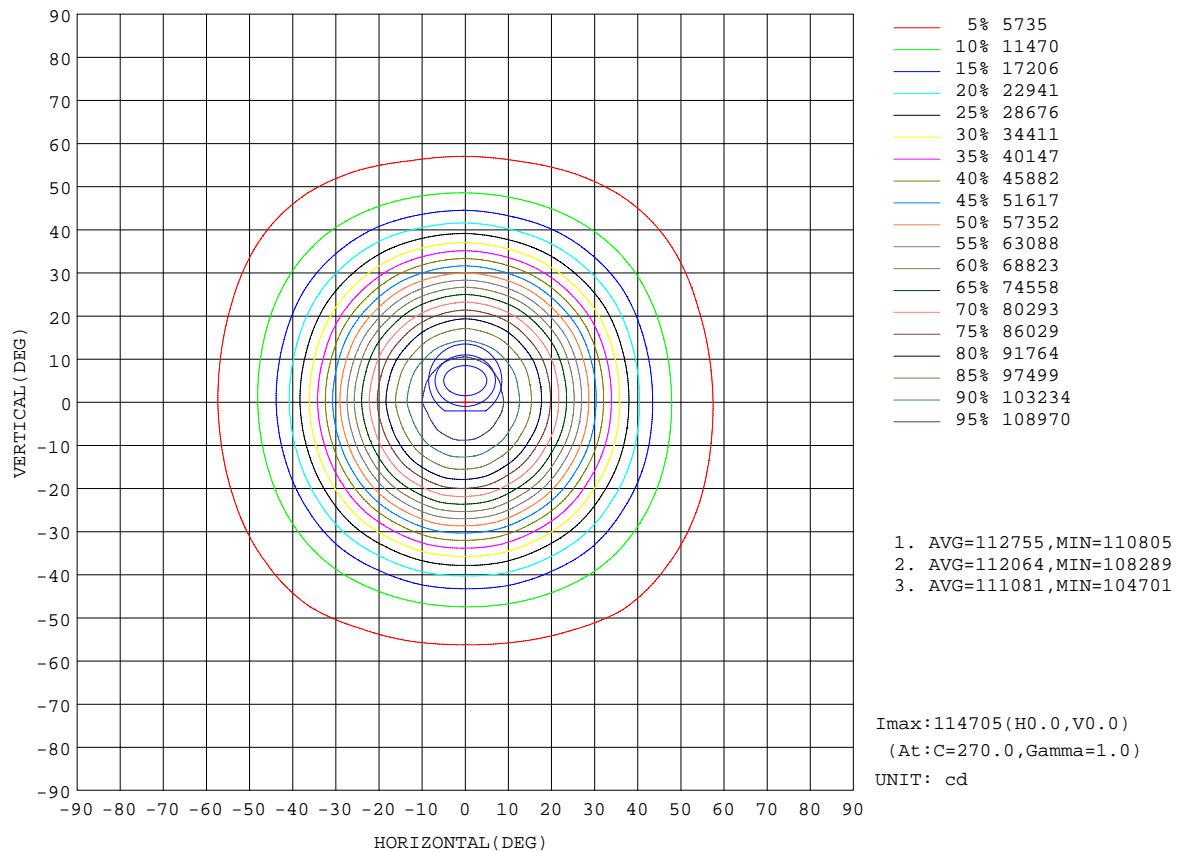
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1071	1068	1076	1082	1084	1090	1097	1087	0- 10	10625	10625	9.07,9.07
20	849.4	842.9	860.0	867.3	869.0	879.1	900.6	881.6	10- 20	27697	38322	32.7,32.7
30	525.4	515.5	528.0	532.0	539.7	552.1	572.7	552.8	20- 30	32318	70640	60.3,60.3
40	237.2	236.3	235.5	237.5	247.1	258.6	266.6	249.4	30- 40	23647	94288	80.5,80.5
50	94.19	95.57	89.54	92.73	96.85	102.1	99.63	96.39	40- 50	12111	106399	90.8,90.8
60	47.95	48.63	43.39	46.48	47.21	49.00	45.91	47.62	50- 60	6020	112419	95.9,95.9
70	21.31	20.84	18.69	19.84	20.55	20.57	19.87	20.67	60- 70	3164	115583	98.6,98.6
80	7.273	6.648	6.058	6.246	6.721	6.684	6.893	6.938	70- 80	1341	116924	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	275.7	117200	100,100
100	0	0	0	0	0	0	0	0	90-100	0	117200	100,100
110	0	0	0	0	0	0	0	0	100-110	0	117200	100,100
120	0	0	0	0	0	0	0	0	110-120	0	117200	100,100
130	0	0	0	0	0	0	0	0	120-130	0	117200	100,100
140	0	0	0	0	0	0	0	0	130-140	0	117200	100,100
150	0	0	0	0	0	0	0	0	140-150	0	117200	100,100
160	0	0	0	0	0	0	0	0	150-160	0	117200	100,100
170	0	0	0	0	0	0	0	0	160-170	0	117200	100,100
180	0	0	0	0	0	0	0	0	170-180	0	117200	100,100
DEG	LUMINOUS INTENSITY:x100cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-6-1

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

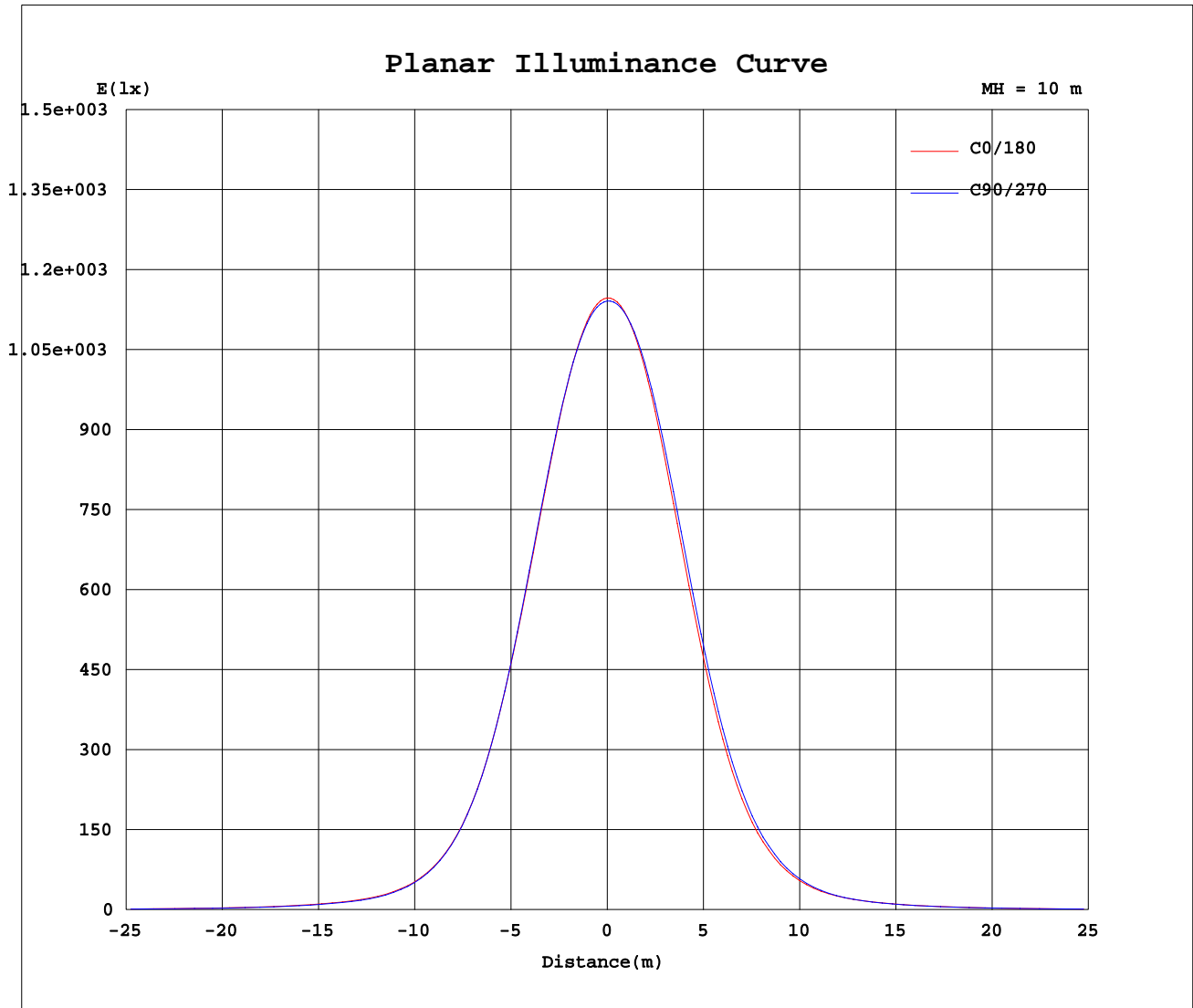
Test:U:219.1V I:2.792A P:609.7W PF:0.9968 Freq:50.00Hz Lamp Flux:117200x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-6-1

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



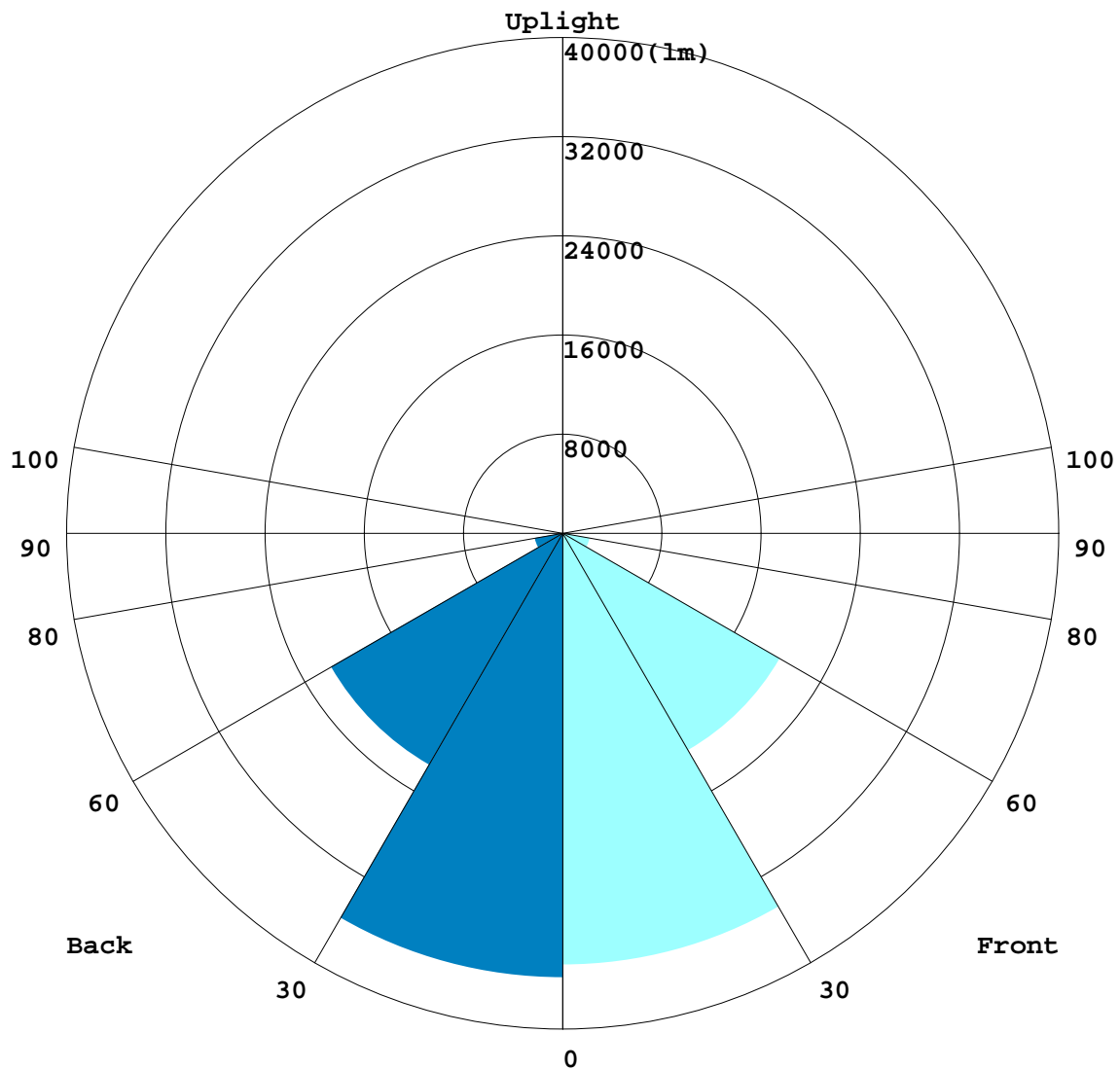
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-6-1

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:219.1V I:2.792A P:609.7W PF:0.9968 Freq:50.00Hz Lamp Flux:117200x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	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:2025-6-1

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:219.1V I:2.792A P:609.7W PF:0.9968 Freq:50.00Hz Lamp Flux:117200x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	34805	29.7
FM - Front-Medium(30-60)	20218	17.3
FH - Front-High(60-80)	2225.1	1.9
FVH - Front-Very High(80-90)	131.74	0.1
Total Forward Light	57380	49.0

BL - Back-Low(0-30)	35835	30.6
BM - Back-Medium(30-60)	21560	18.4
BH - Back-High(60-80)	2279.7	1.9
BVH - Back-Very High(80-90)	143.92	0.1
Total Back Light	59819	51.0

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	B5-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	59819	0	59819
Street Side	57380	0	57380

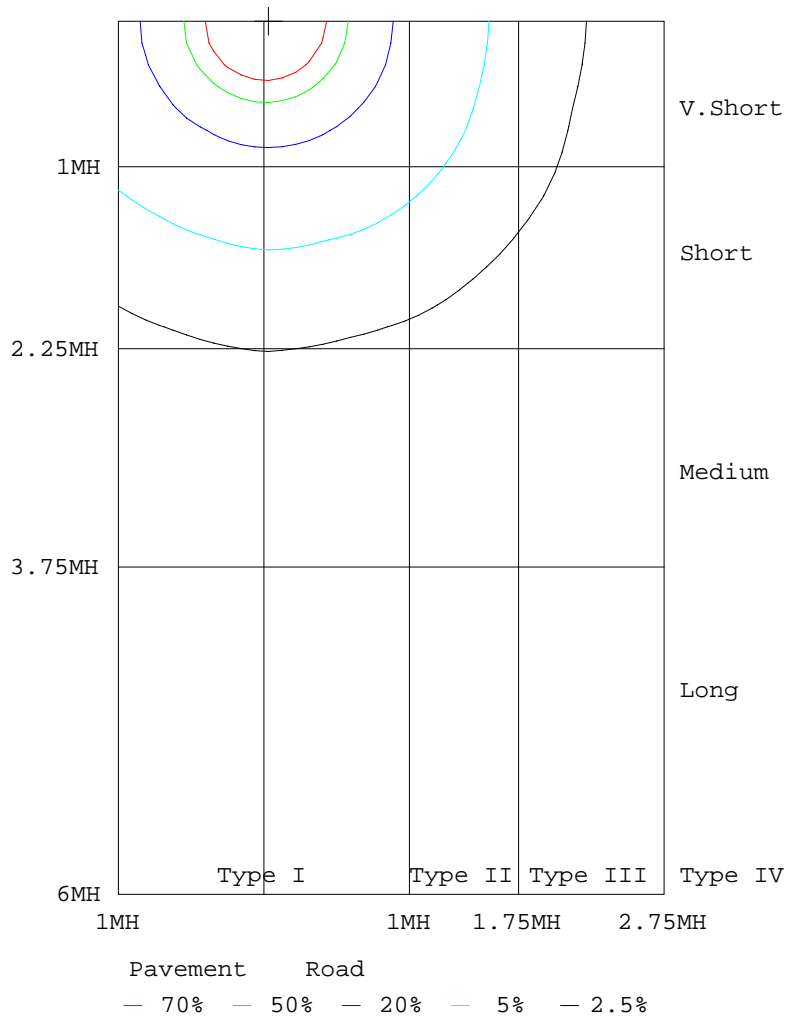
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-6-1

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:219.1V I:2.792A P:609.7W PF:0.9968 Freq:50.00Hz Lamp Flux:117200x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-6-1

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:219.1V I:2.792A P:609.7W PF:0.9968 Freq:50.00Hz Lamp Flux:117200x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--1

UNIT: ×100cd

C(°) \ γ (°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142
5	1124	1123	1122	1123	1123	1125	1125	1127	1127	1128	1128	1129	1130	1131	1132	1133	1134	1134	1135
10	1071	1068	1066	1068	1069	1074	1076	1080	1080	1082	1080	1081	1084	1085	1089	1090	1094	1095	1097
15	978	975	970	975	976	985	988	994	993	996	992	993	997	997	1004	1005	1013	1015	1021
20	849	845	837	843	844	856	860	868	864	867	862	864	869	869	878	879	889	893	901
25	693	689	679	684	685	698	700	709	704	708	702	705	710	710	720	721	733	737	746
30	525	521	512	515	515	527	528	535	529	532	528	533	540	540	551	552	563	567	573
35	366	363	357	360	360	367	367	370	365	368	366	370	377	379	389	391	400	402	406
40	237	237	232	236	235	239	236	238	233	238	235	239	247	248	257	259	266	264	267
45	147	149	146	148	145	147	144	145	143	146	145	148	153	156	162	162	165	163	164
50	94.2	96.0	94.4	95.6	92.4	91.9	89.5	91.1	90.1	92.7	91.6	93.7	96.8	98.4	102	102	102	99.4	99.6
55	66.9	67.8	66.5	67.2	64.3	63.5	62.5	63.3	62.6	64.6	63.5	65.0	67.2	67.7	69.4	69.5	68.6	66.1	66.4
60	48.0	48.3	47.6	48.6	45.7	44.2	43.4	44.1	44.5	46.5	45.2	45.5	47.2	47.0	48.5	49.0	47.9	45.4	45.9
65	32.8	33.0	32.5	32.7	30.8	29.9	29.1	29.8	30.1	31.1	30.4	30.8	31.8	31.5	32.6	32.4	31.9	30.4	30.7
70	21.3	21.3	20.6	20.8	19.5	19.1	18.7	19.1	19.1	19.8	19.3	19.7	20.5	20.1	20.7	20.6	20.3	19.4	19.9
75	13.4	13.2	12.6	12.7	12.0	11.8	11.6	11.8	11.7	12.1	11.8	12.2	12.7	12.4	12.7	12.7	12.6	12.2	12.6
80	7.27	7.09	6.56	6.65	6.19	6.18	6.06	6.14	6.00	6.25	5.97	6.30	6.72	6.50	6.65	6.68	6.72	6.49	6.89
85	2.47	2.45	2.04	2.24	1.94	1.98	1.89	1.92	1.77	1.82	1.68	1.83	2.16	1.95	2.17	2.09	2.33	2.20	2.50
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:2025-6-1

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:219.1V I:2.792A P:609.7W PF:0.9968 Freq:50.00Hz Lamp Flux:117200x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--2

UNIT: ×100cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1142	1142	1142	1142	1142														
5	1133	1133	1130	1129	1127														
10	1094	1093	1087	1084	1077														
15	1017	1015	1006	1001	989														
20	895	893	882	876	862														
25	738	737	725	720	705														
30	566	563	553	551	537														
35	398	394	387	386	375														
40	257	256	249	251	242														
45	158	157	154	154	149														
50	97.1	97.4	96.4	96.7	93.9														
55	65.4	66.1	66.4	66.4	65.5														
60	45.4	46.9	47.6	47.4	46.5														
65	30.6	31.9	32.2	32.4	31.9														
70	19.7	20.5	20.7	20.8	20.6														
75	12.4	12.8	12.9	13.0	12.9														
80	6.76	6.95	6.94	6.99	6.96														
85	2.34	2.51	2.36	2.48	2.36														
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:2025-6-1

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: