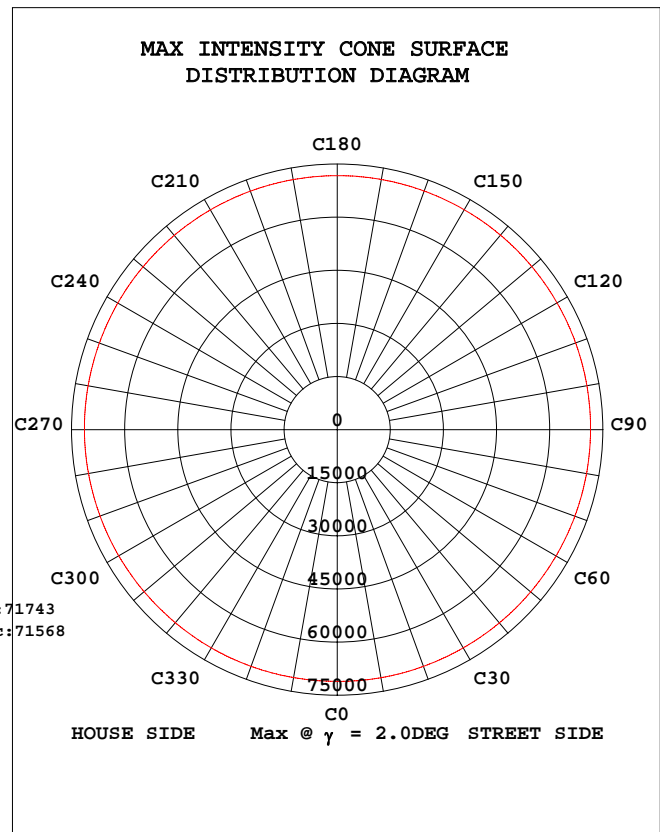
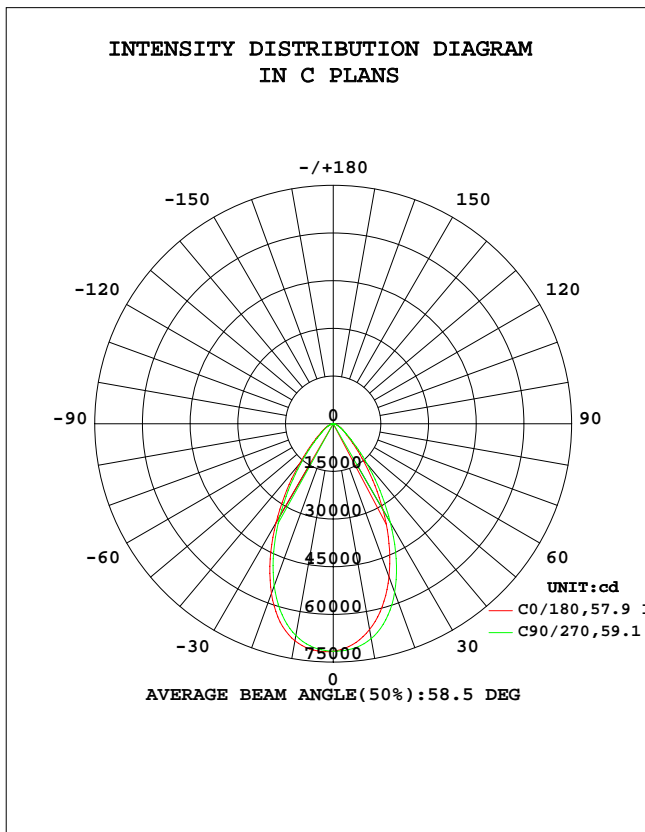


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:1.841A P:402.0W PF:0.9966 Freq:50.00Hz Lamp Flux:74059x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-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: 184.21 lm/W			
MODEL	5050	I _{max} (cd)	71743	η street_up(%)	0.0
NOMINAL POWER(W)	400	LOR(%)	100.0	η street_down(%)	50.7
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	74059	η house_up(%)	0.0
NOMINAL FLUX(lm)	74059	MAXIMUM @(C,γ)	180,2.0	η house_down(%)	49.3
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.024

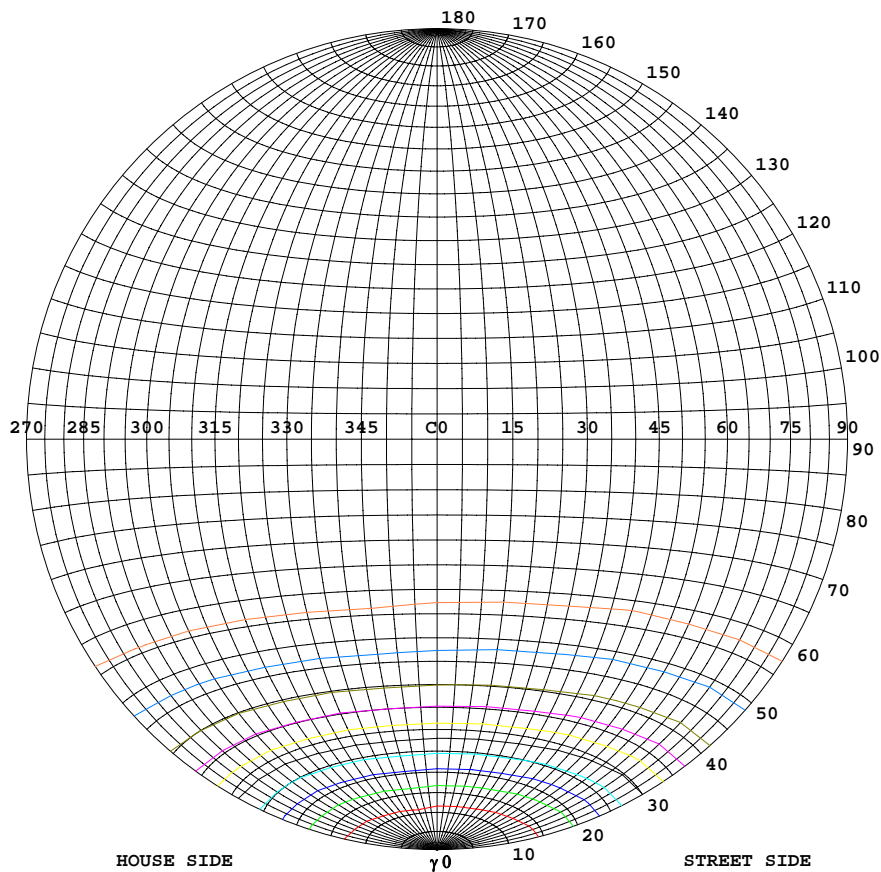


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-6-1

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:1.841A P:402.0W PF:0.9966 Freq:50.00Hz Lamp Flux:74059x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



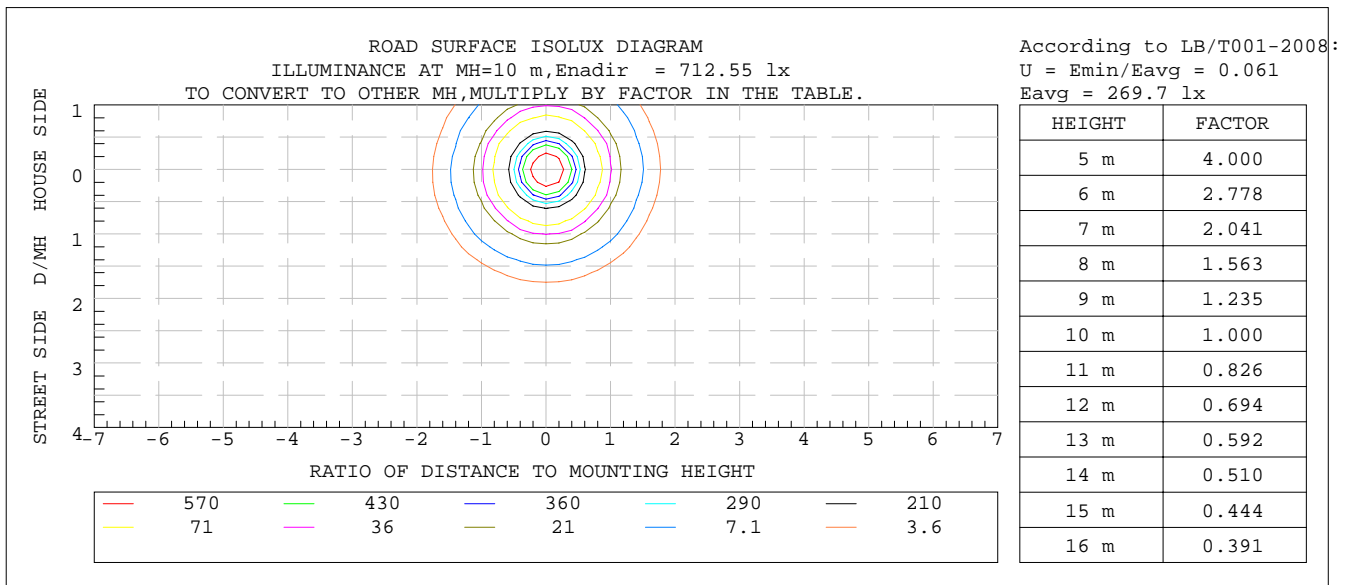
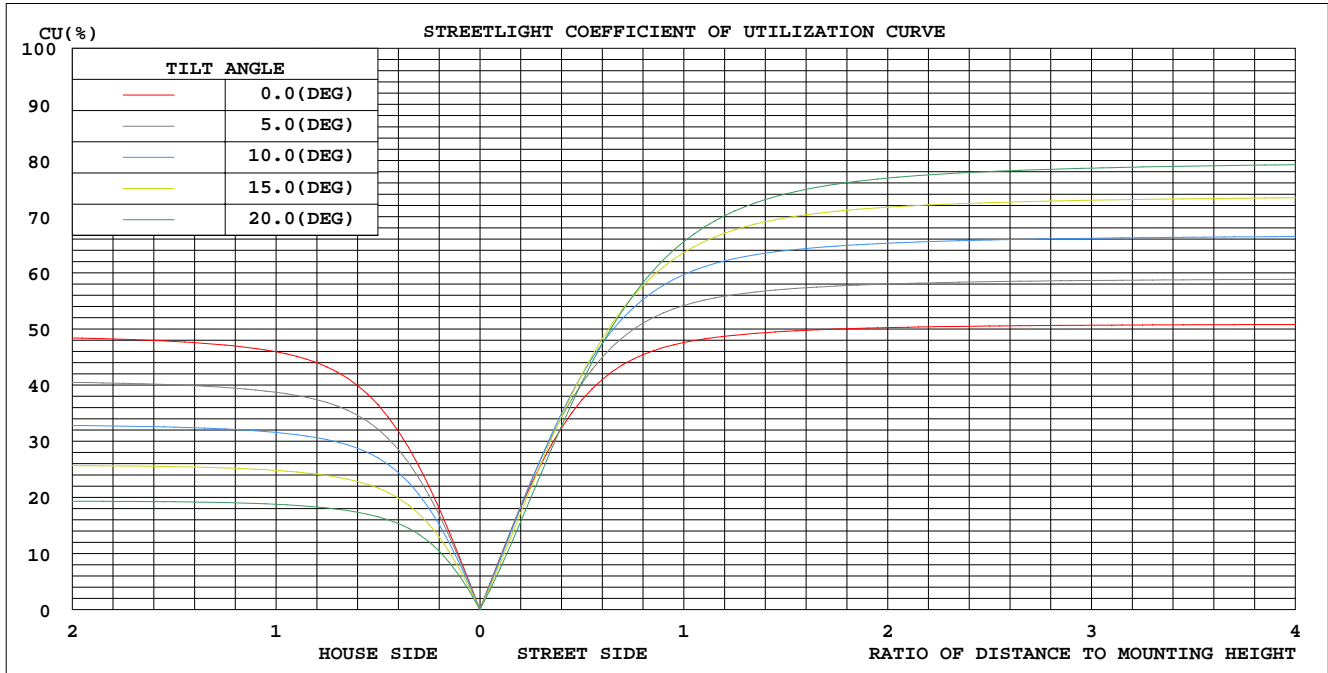
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:6.060cd/klm
Max.At90:0cd/klm
Max.80-90:6.060cd/klm
NRB 5101:Limited[1.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	71743
90%	64569
80%	57395
70%	50220
60%	43046
50%	35872
40%	28697
30%	21523
20%	14349
10%	7174
5%	3587

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:1.841A P:402.0W PF:0.9966 Freq:50.00Hz Lamp Flux:74059x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

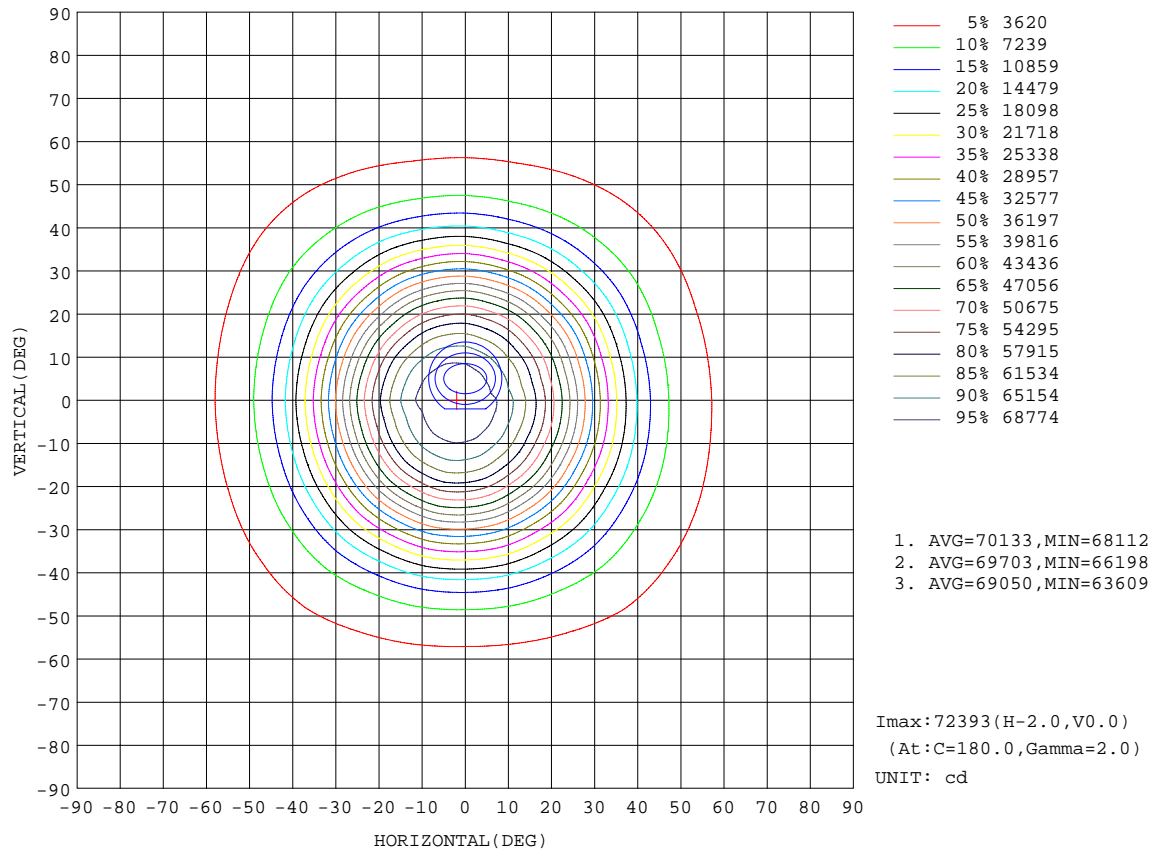
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	6578	6689	6865	6957	6934	6851	6767	6640	0- 10	6661	6661	8.99,8.99
20	5125	5321	5650	5779	5686	5515	5431	5224	10- 20	17397	24057	32.5,32.5
30	3133	3311	3597	3691	3608	3442	3364	3173	20- 30	20382	44440	60,60
40	1407	1548	1683	1718	1680	1602	1505	1391	30- 40	15016	59456	80.3,80.3
50	569.4	626.3	631.5	661.6	657.2	632.5	573.6	552.0	40- 50	7727	67183	90.7,90.7
60	296.8	314.4	291.7	311.8	310.4	304.7	277.7	285.9	50- 60	3835	71018	95.9,95.9
70	132.1	135.8	125.8	132.9	133.8	128.9	121.1	124.4	60- 70	2014	73033	98.6,98.6
80	43.22	44.88	42.39	43.67	42.09	40.84	41.05	40.88	70- 80	853.2	73886	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	173.2	74059	100,100
100	0	0	0	0	0	0	0	0	90-100	0	74059	100,100
110	0	0	0	0	0	0	0	0	100-110	0	74059	100,100
120	0	0	0	0	0	0	0	0	110-120	0	74059	100,100
130	0	0	0	0	0	0	0	0	120-130	0	74059	100,100
140	0	0	0	0	0	0	0	0	130-140	0	74059	100,100
150	0	0	0	0	0	0	0	0	140-150	0	74059	100,100
160	0	0	0	0	0	0	0	0	150-160	0	74059	100,100
170	0	0	0	0	0	0	0	0	160-170	0	74059	100,100
180	0	0	0	0	0	0	0	0	170-180	0	74059	100,100
DEG	LUMINOUS INTENSITY:×10cd									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

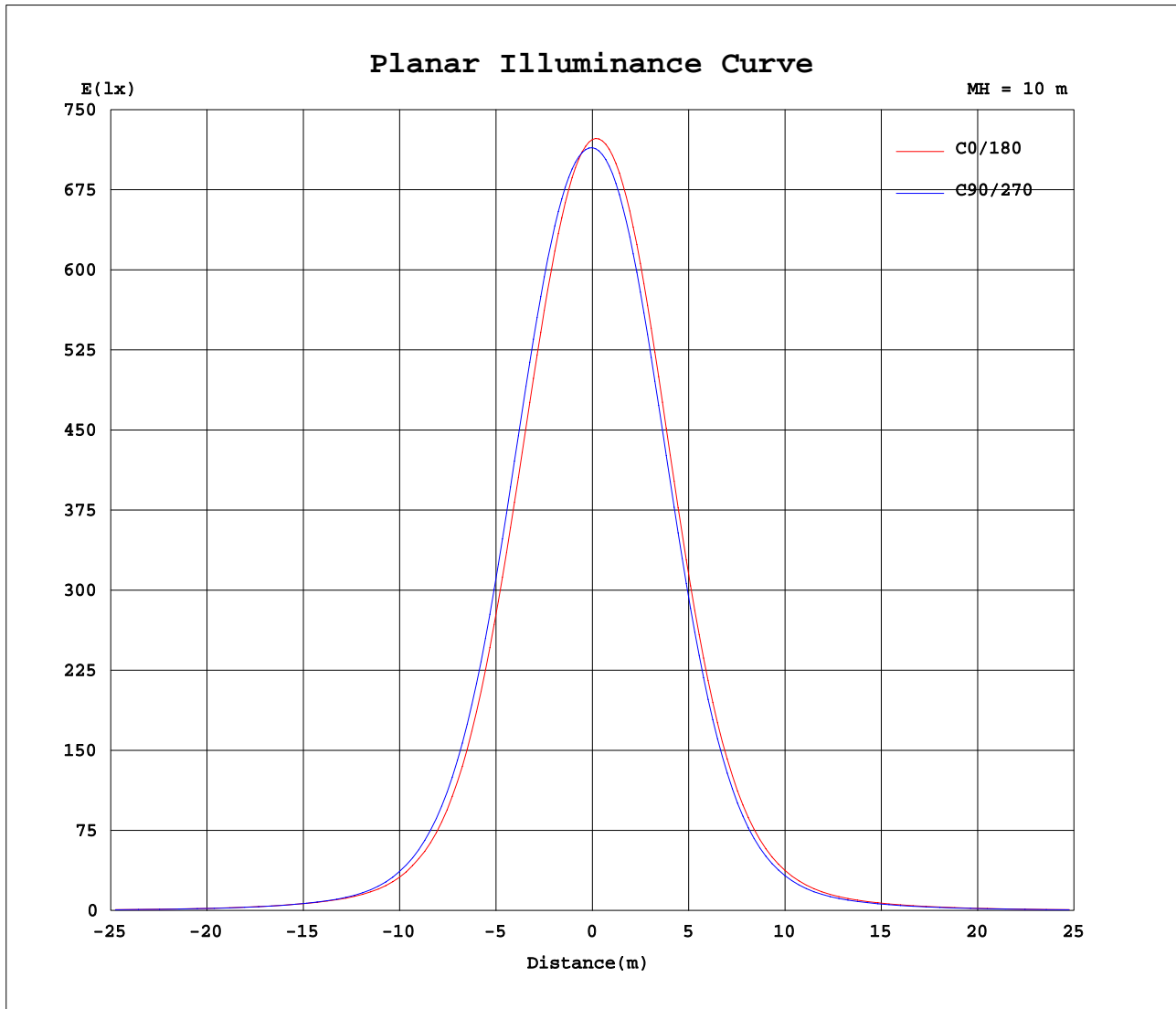
Test:U:219.1V I:1.841A P:402.0W PF:0.9966 Freq:50.00Hz Lamp Flux:74059x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



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



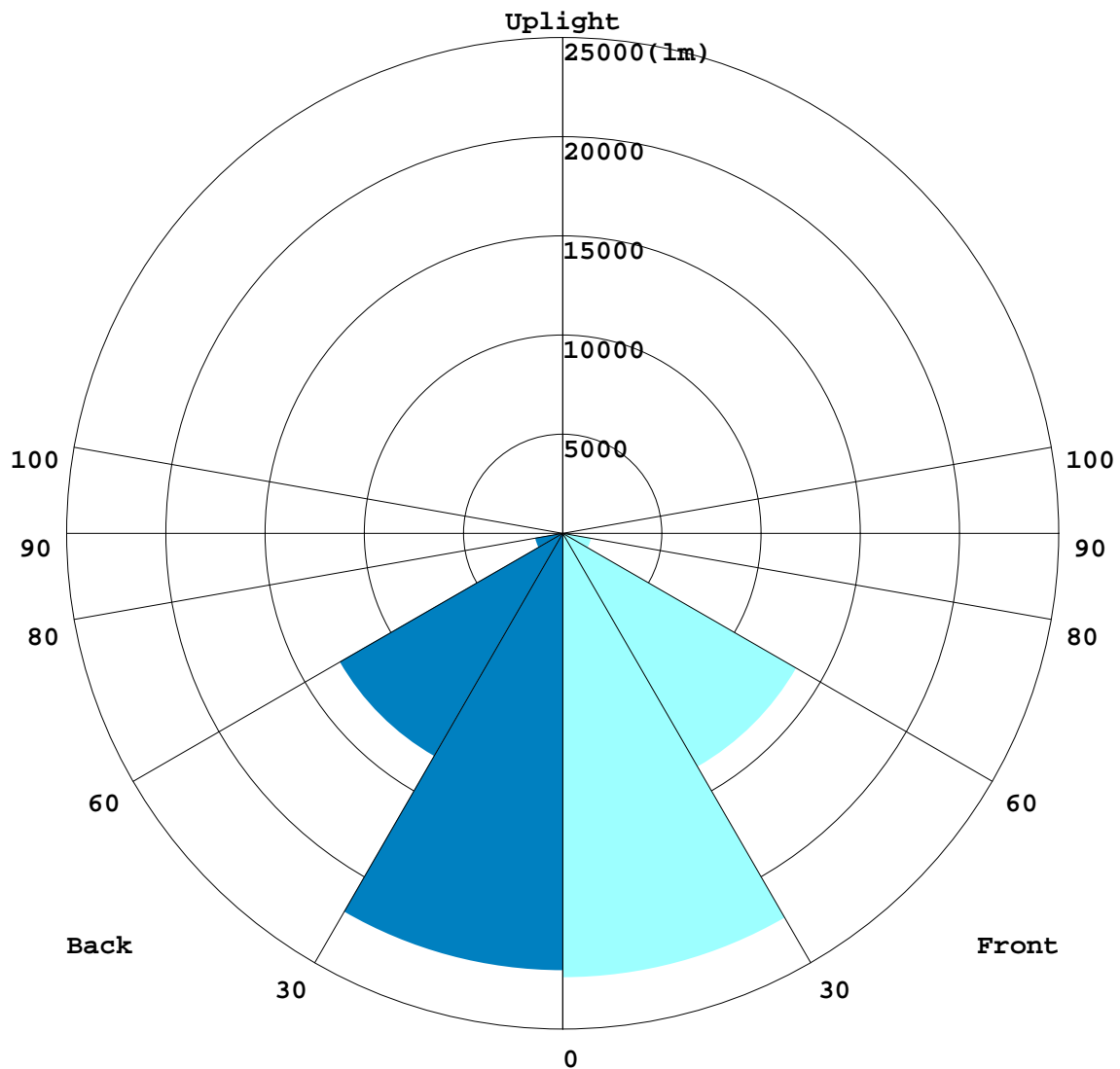
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-6-1

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:1.841A P:402.0W PF:0.9966 Freq:50.00Hz Lamp Flux:74059x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-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:1.841A P:402.0W PF:0.9966 Freq:50.00Hz Lamp Flux:74059x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-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)	22397	30.2
FM - Front-Medium(30-60)	13603	18.4
FH - Front-High(60-80)	1460.9	2.0
FVH - Front-Very High(80-90)	89.863	0.1
Total Forward Light	37551	50.7

BL - Back-Low(0-30)	22042	29.8
BM - Back-Medium(30-60)	12975	17.5
BH - Back-High(60-80)	1406.6	1.9
BVH - Back-Very High(80-90)	83.352	0.1
Total Back Light	36508	49.3

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	B5-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	36508	0	36508
Street Side	37551	0	37551

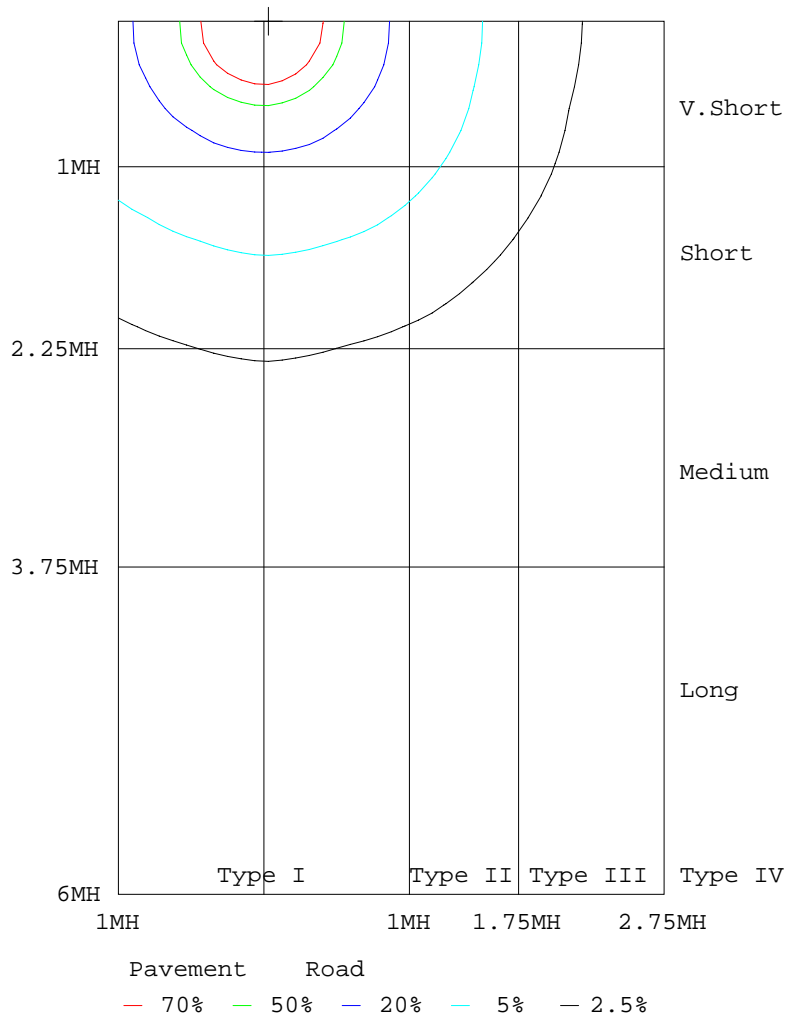
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-6-1

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:1.841A P:402.0W PF:0.9966 Freq:50.00Hz Lamp Flux:74059x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-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:1.841A P:402.0W PF:0.9966 Freq:50.00Hz Lamp Flux:74059x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--1

UNIT: ×10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	7156	7156	7156	7156	7156	7156	7156	7156	7156	7156	7156	7156	7156	7156	7156	7156	7156	7156	7156
5	6975	6989	6999	7026	7049	7079	7101	7127	7139	7148	7146	7146	7148	7135	7129	7112	7102	7079	7064
10	6578	6603	6626	6689	6743	6815	6865	6918	6939	6957	6944	6936	6934	6901	6888	6851	6835	6793	6767
15	5954	5991	6026	6119	6196	6314	6389	6469	6487	6515	6483	6465	6457	6401	6377	6320	6303	6251	6223
20	5125	5172	5209	5321	5413	5562	5650	5747	5749	5779	5732	5705	5686	5613	5589	5515	5506	5455	5431
25	4156	4207	4233	4353	4442	4600	4683	4782	4771	4802	4737	4712	4697	4609	4591	4509	4516	4456	4438
30	3133	3180	3203	3311	3387	3530	3597	3687	3666	3691	3633	3613	3608	3534	3515	3442	3442	3388	3364
35	2174	2224	2246	2347	2402	2523	2564	2627	2593	2622	2570	2563	2558	2501	2499	2430	2426	2368	2344
40	1407	1450	1470	1548	1585	1665	1683	1723	1697	1718	1676	1673	1680	1644	1646	1602	1597	1537	1505
45	877	916	927	976	985	1030	1042	1060	1043	1064	1034	1038	1054	1032	1036	1005	992	945	925
50	569	595	602	626	620	634	632	651	645	662	643	647	657	649	654	633	617	585	574
55	410	423	424	437	425	425	422	434	433	444	432	436	444	439	443	433	419	398	394
60	297	304	304	314	300	295	292	300	301	312	300	302	310	304	309	305	293	276	278
65	204	209	208	212	202	199	195	201	202	208	201	203	209	203	207	202	196	185	187
70	132	134	132	136	129	127	126	129	129	133	128	130	134	130	131	129	124	119	121
75	81.8	82.6	80.6	83.5	79.6	79.3	78.6	80.3	79.9	82.2	78.5	80.0	82.6	79.0	80.2	79.1	76.8	73.8	76.2
80	43.2	43.5	42.4	44.9	42.6	42.8	42.4	43.2	42.4	43.7	40.6	41.2	42.1	39.0	40.5	40.8	40.6	39.1	41.1
85	13.5	14.0	14.5	15.8	14.5	14.6	14.1	14.5	13.9	14.5	12.7	11.6	11.6	11.2	12.5	12.9	13.0	12.7	13.4
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:1.841A P:402.0W PF:0.9966 Freq:50.00Hz Lamp Flux:74059x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	7156	7156	7156	7156	7156														
5	7039	7024	7002	6994	6982														
10	6717	6687	6640	6620	6589														
15	6153	6116	6046	6018	5973														
20	5344	5304	5224	5197	5141														
25	4342	4307	4233	4220	4162														
30	3271	3237	3173	3181	3141														
35	2251	2228	2180	2200	2167														
40	1437	1421	1391	1404	1388														
45	879	874	858	867	858														
50	554	556	552	557	552														
55	385	389	392	393	394														
60	273	281	286	286	283														
65	185	193	194	197	196														
70	120	124	124	127	126														
75	74.7	77.3	77.3	77.4	77.4														
80	39.9	41.4	40.9	40.6	40.2														
85	12.8	13.8	13.8	13.5	12.6														
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
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks: