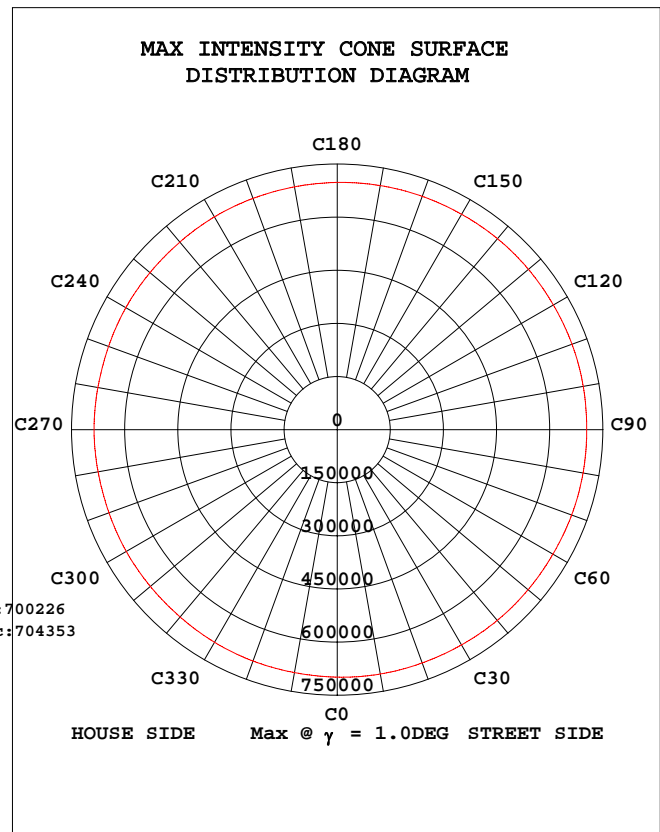
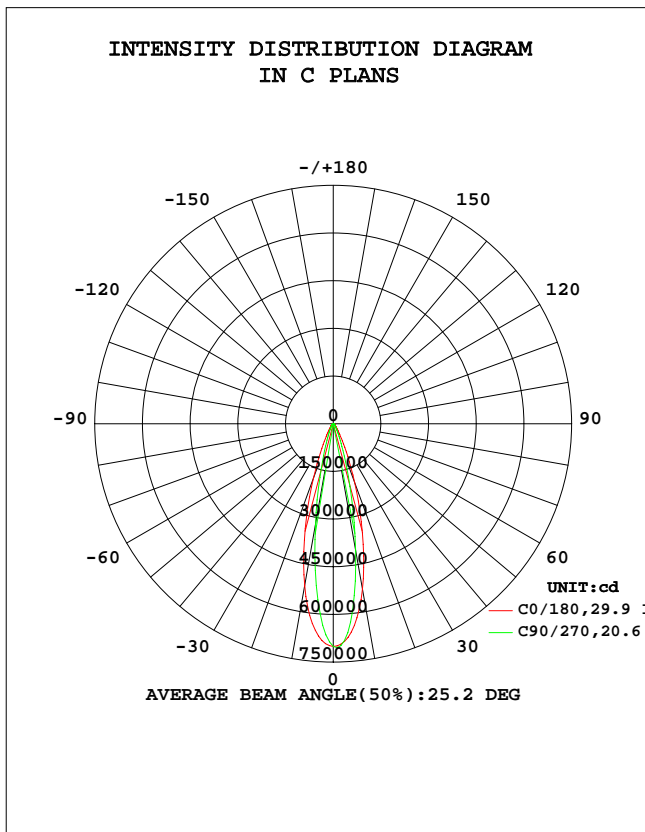


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.9V I:5.469A P:1195W PF:0.9980 Freq:50.01Hz Lamp Flux:188046x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 157.42 lm/W			
MODEL	3535	I _{max} (cd)	705628	η street_up(%)	0.0
NOMINAL POWER(W)	1200	LOR(%)	100.0	η street_down(%)	53.6
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	188046	η house_up(%)	0.0
NOMINAL FLUX(lm)	188046	MAXIMUM @(C,γ)	105,1.0	η house_down(%)	46.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	22.049

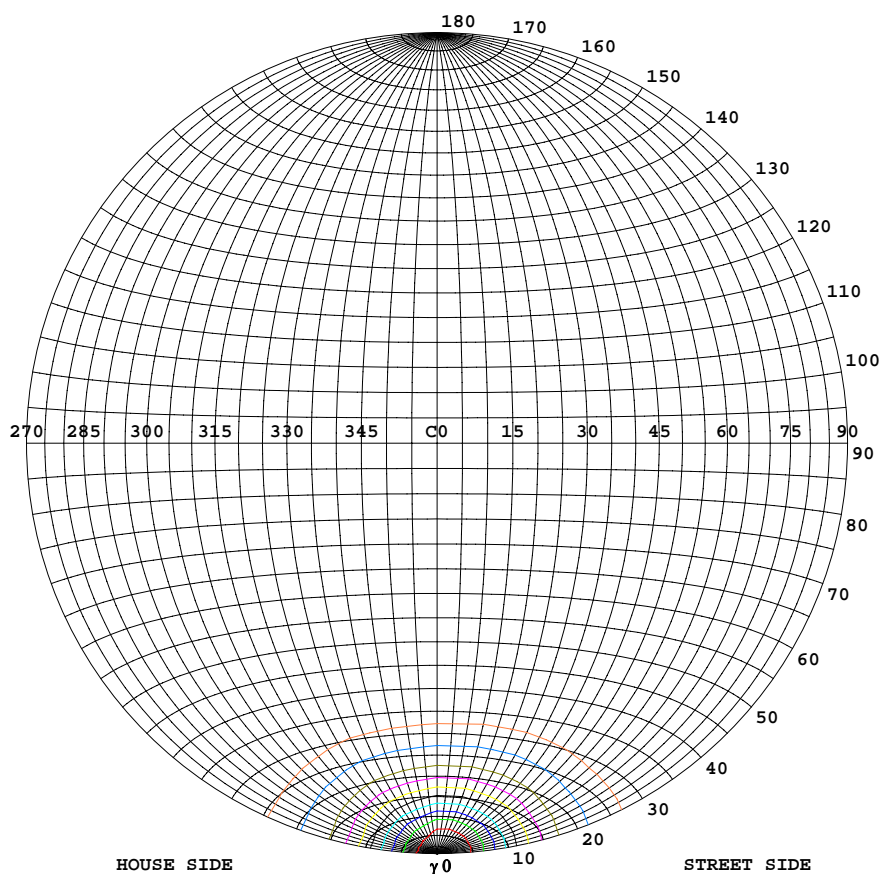


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-29

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:218.9V I:5.469A P:1195W PF:0.9980 Freq:50.01Hz Lamp Flux:188046x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



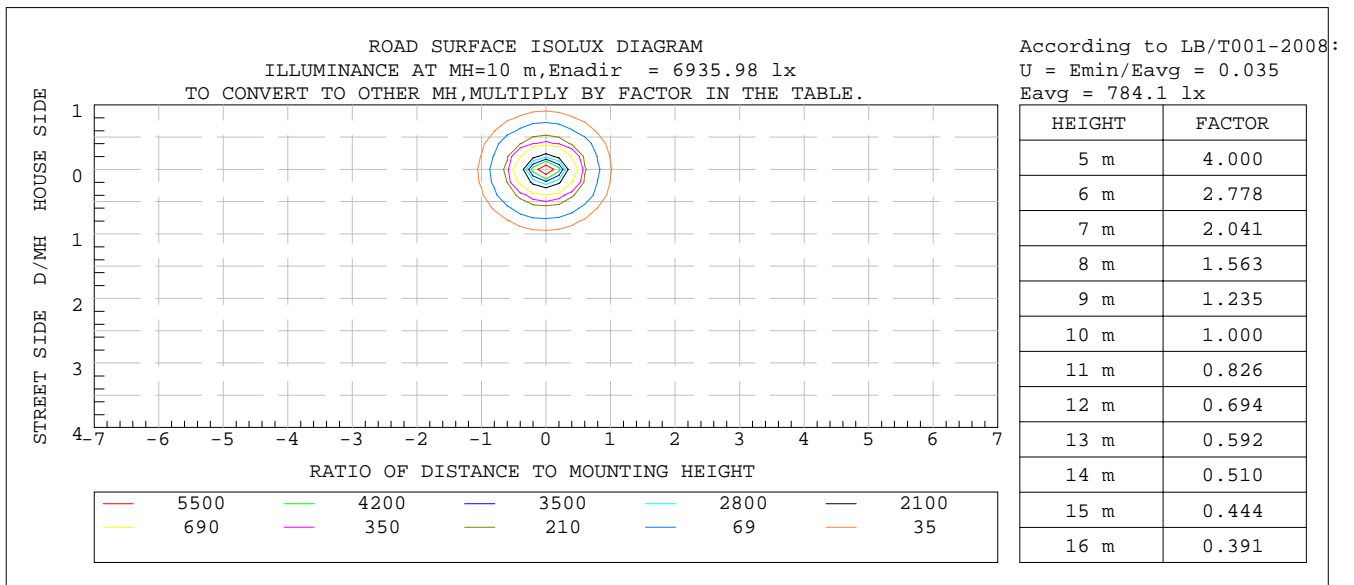
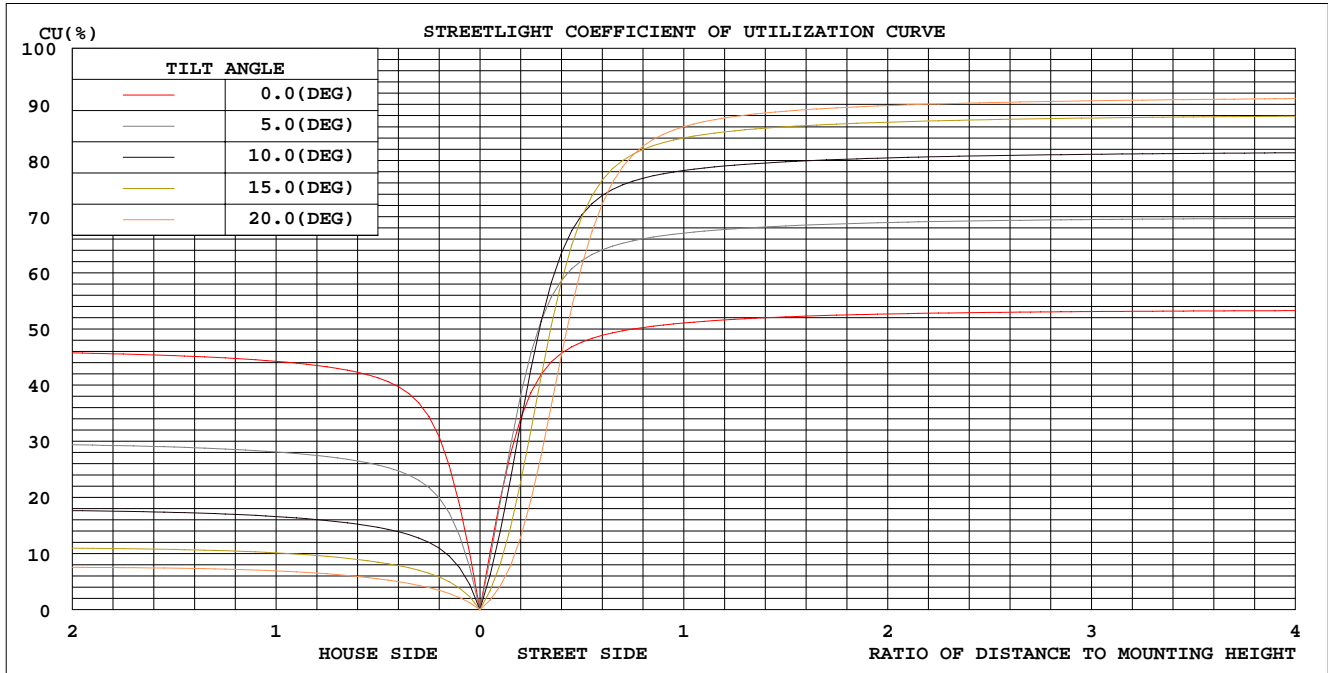
Classification:

IES:Type I - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:10.55cd/klm
Max.At90:0cd/klm
Max.80-90:10.55cd/klm
NRB 5101:Limited[1.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	705628
90%	635065
80%	564502
70%	493939
60%	423377
50%	352814
40%	282251
30%	211688
20%	141126
10%	70563
5%	35281

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-29

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: 2025-5-29

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:218.9V I:5.469A P:1195W PF:0.9980 Freq:50.01Hz Lamp Flux:188046x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

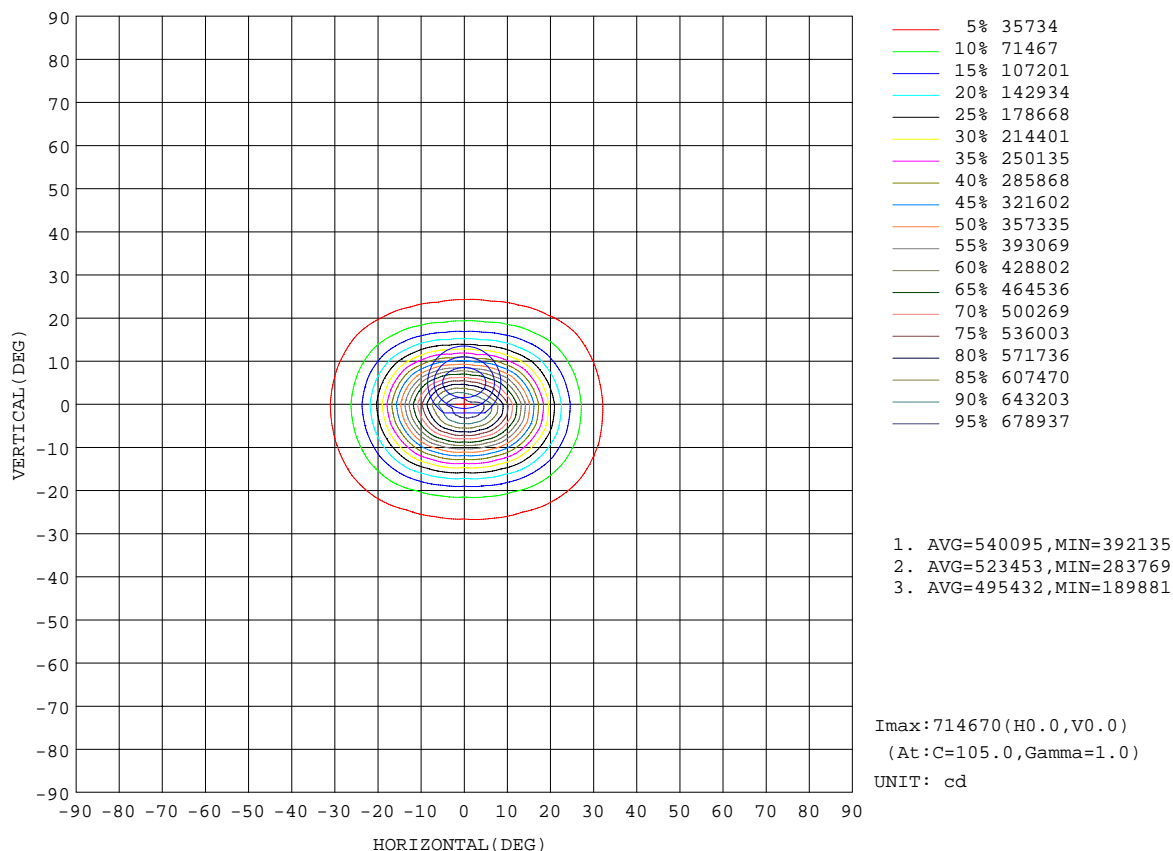
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	5298	4815	4074	4811	5180	4051	3236	4049	0- 10	53607	53607	28.5,28.5
20	1981	1481	903.5	1429	1834	1073	641.0	1123	10- 20	71531	125138	66.5,66.5
30	461.7	360.1	241.4	336.5	403.1	258.3	190.6	288.5	20- 30	30519	155657	82.8,82.8
40	156.6	136.6	102.4	130.2	140.2	109.8	89.20	121.2	30- 40	12215	167872	89.3,89.3
50	85.08	78.49	67.04	75.65	78.95	68.18	61.85	73.12	40- 50	7242	175114	93.1,93.1
60	55.89	53.26	49.77	51.49	53.44	47.60	46.38	50.14	50- 60	5507	180621	96.1,96.1
70	36.21	33.18	32.28	32.20	35.88	29.98	30.45	31.09	60- 70	4104	184725	98.2,98.2
80	19.69	15.84	15.12	15.60	19.85	14.06	14.08	14.55	70- 80	2529	187254	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	792.2	188046	100,100
100	0	0	0	0	0	0	0	0	90-100	0	188046	100,100
110	0	0	0	0	0	0	0	0	100-110	0	188046	100,100
120	0	0	0	0	0	0	0	0	110-120	0	188046	100,100
130	0	0	0	0	0	0	0	0	120-130	0	188046	100,100
140	0	0	0	0	0	0	0	0	130-140	0	188046	100,100
150	0	0	0	0	0	0	0	0	140-150	0	188046	100,100
160	0	0	0	0	0	0	0	0	150-160	0	188046	100,100
170	0	0	0	0	0	0	0	0	160-170	0	188046	100,100
180	0	0	0	0	0	0	0	0	170-180	0	188046	100,100
DEG	LUMINOUS INTENSITY:×100cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-5-29

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

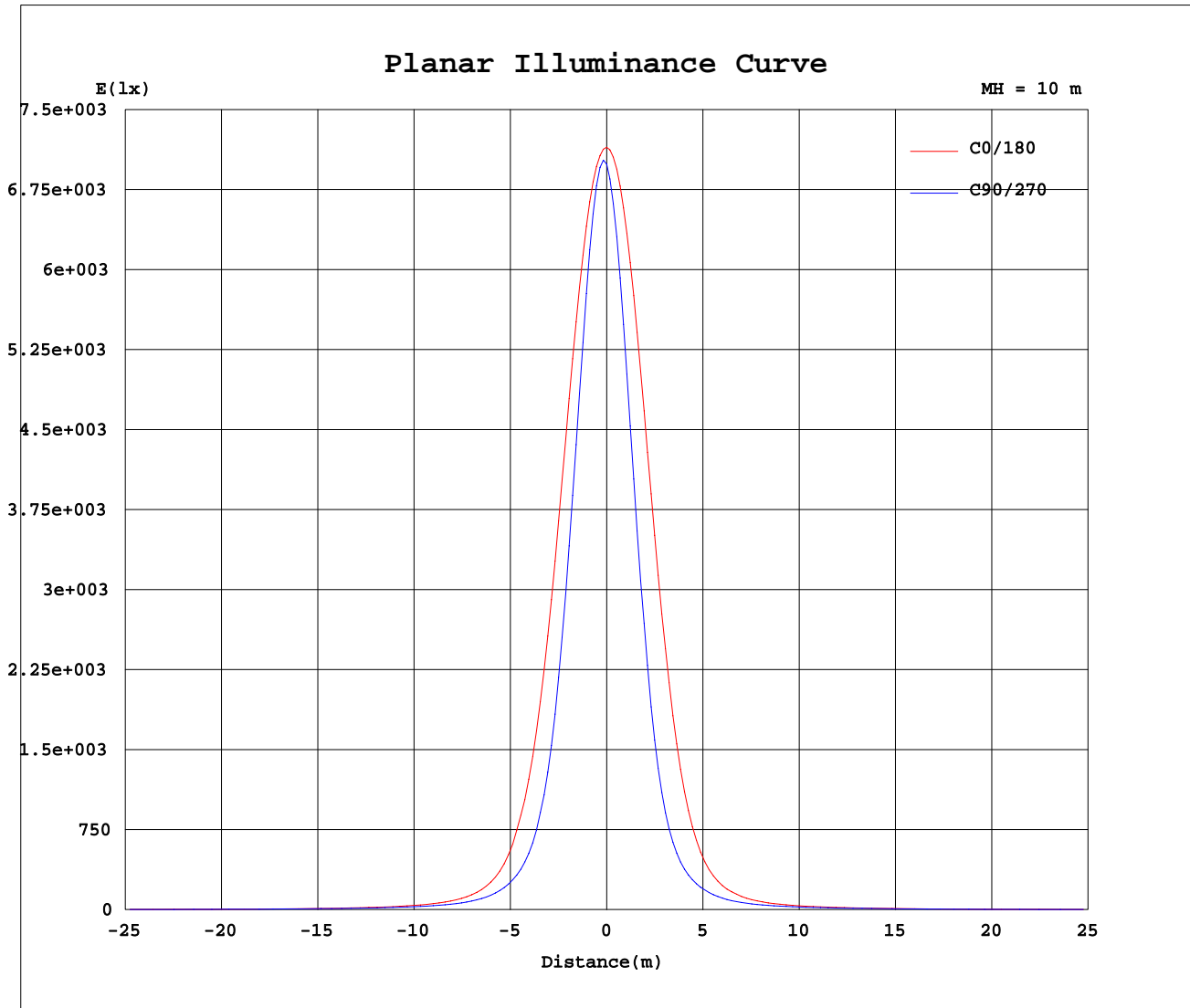
Test:U:218.9V I:5.469A P:1195W PF:0.9980 Freq:50.01Hz Lamp Flux:188046x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-29

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



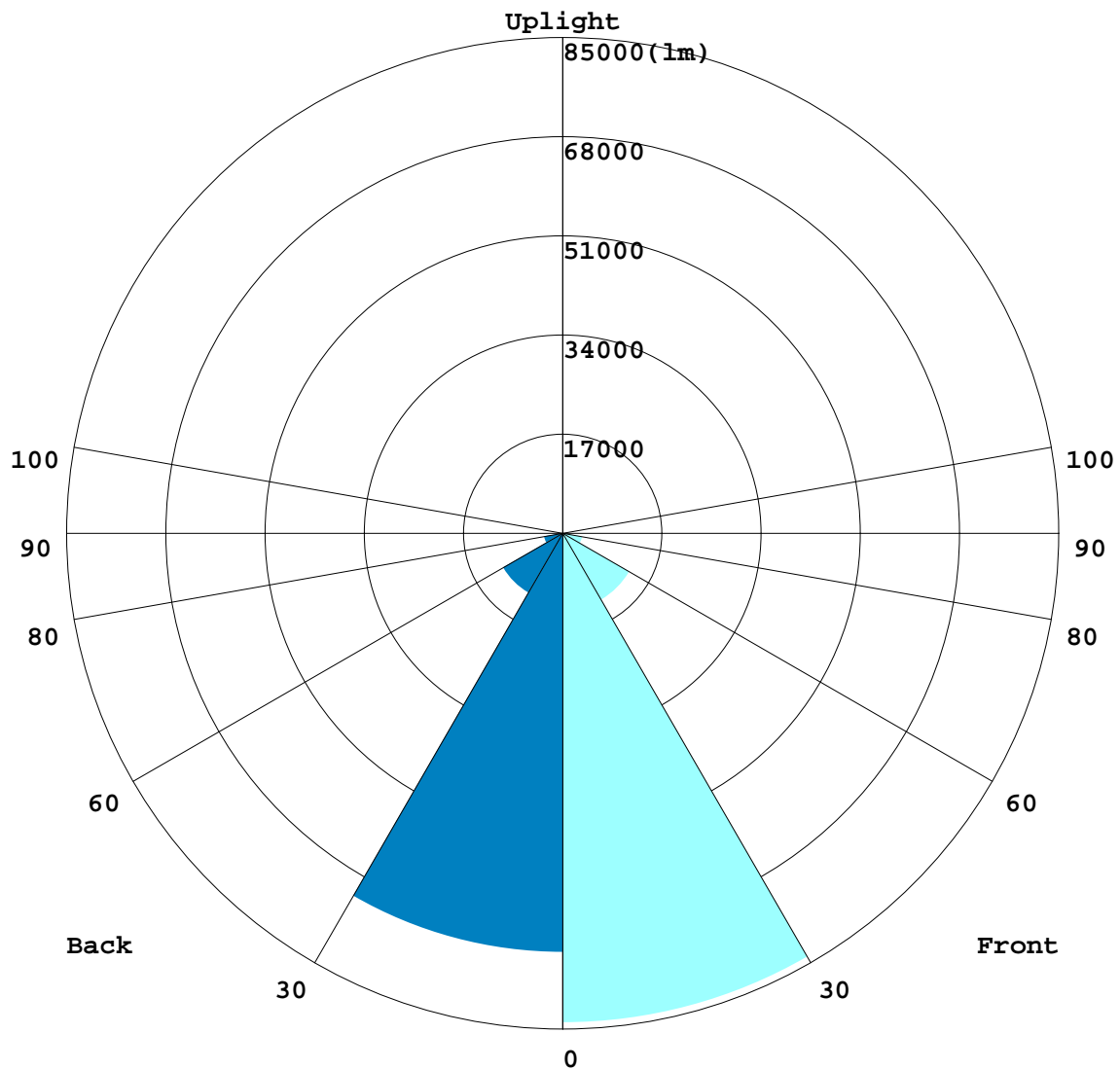
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-5-29

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:218.9V I:5.469A P:1195W PF:0.9980 Freq:50.01Hz Lamp Flux:188046x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-2030D-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:2025-5-29

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:218.9V I:5.469A P:1195W PF:0.9980 Freq:50.01Hz Lamp Flux:188046x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-2030D-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)	83860	44.6
FM - Front-Medium(30-60)	13195	7.0
FH - Front-High(60-80)	3408.7	1.8
FVH - Front-Very High(80-90)	421.8	0.2
Total Forward Light	1.0089e+005	53.6

BL - Back-Low(0-30)	71797	38.2
BM - Back-Medium(30-60)	11769	6.3
BH - Back-High(60-80)	3224.3	1.7
BVH - Back-Very High(80-90)	370.44	0.2
Total Back Light	87161	46.4

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-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	87161	0	87161
Street Side	1.0089e+005	0	1.0089e+005

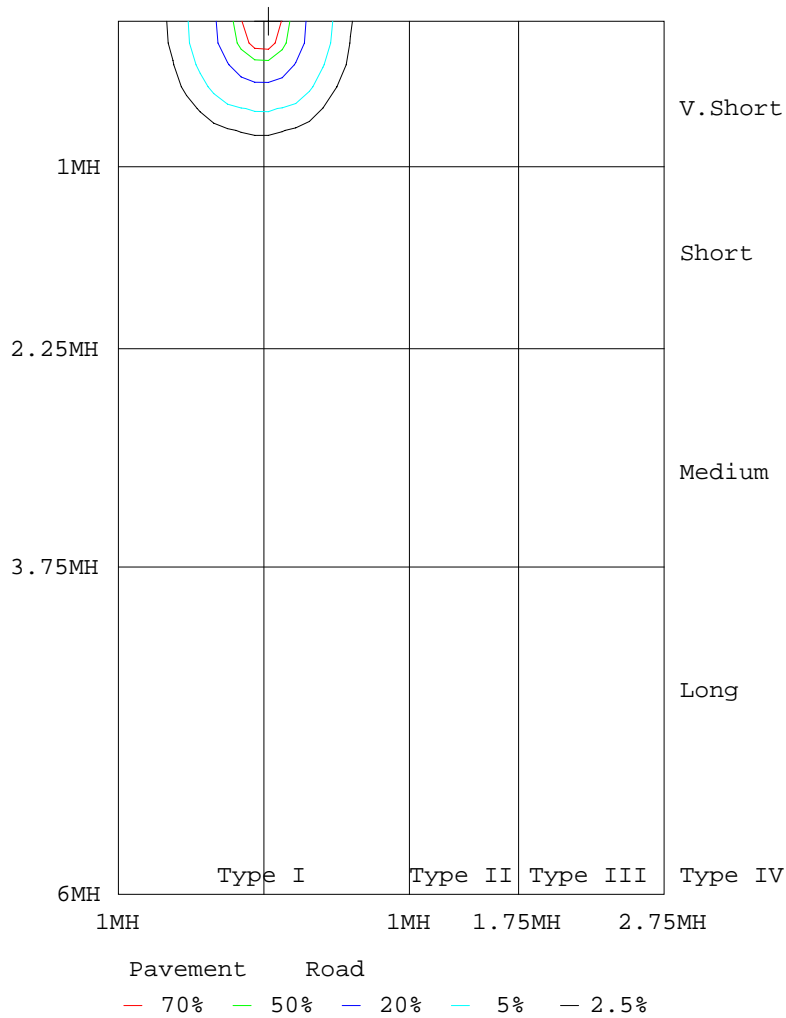
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-5-29

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:218.9V I:5.469A P:1195W PF:0.9980 Freq:50.01Hz Lamp Flux:188046x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-2030D-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:2025-5-29

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:218.9V I:5.469A P:1195W PF:0.9980 Freq:50.01Hz Lamp Flux:188046x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-2030D-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	7002	7002	7002	7002	7002	7002	7002	7002	7002	7002	7002	7002	7002	7002	7002	7002	7002	7002	7002
5	6577	6637	6573	6512	6368	6329	6270	6361	6413	6545	6575	6601	6520	6377	6209	5957	5782	5589	5561
10	5298	5342	5100	4815	4417	4206	4074	4232	4442	4811	5053	5238	5180	4909	4553	4051	3667	3314	3236
15	3552	3573	3263	2900	2439	2186	2039	2203	2441	2861	3148	3408	3408	3133	2775	2244	1850	1535	1473
20	1981	1997	1762	1481	1176	984	904	977	1162	1429	1640	1820	1834	1654	1404	1073	813	662	641
25	984	978	864	705	541	473	437	460	520	667	784	855	855	773	657	489	384	330	327
30	462	475	432	360	289	261	241	256	276	336	387	410	403	373	327	258	216	192	191
35	251	261	242	209	174	158	148	154	167	197	218	226	220	207	189	159	137	124	123
40	157	161	154	137	117	108	102	106	115	130	141	144	140	134	125	110	97.9	90.3	89.2
45	111	113	109	99.5	88.2	82.6	79.5	81.5	86.2	95.5	101	103	101	97.2	92.6	83.9	77.0	72.5	72.0
50	85.1	86.4	83.7	78.5	72.0	68.9	67.0	68.1	70.5	75.6	78.8	80.0	79.0	76.3	73.4	68.2	64.4	61.8	61.8
55	68.6	69.3	67.4	64.5	60.8	59.3	58.1	58.7	59.6	62.2	63.8	65.1	64.6	62.5	60.3	57.0	55.0	53.7	54.0
60	55.9	56.1	54.7	53.3	51.4	50.7	49.8	50.2	50.2	51.5	52.2	53.3	53.4	51.3	49.8	47.6	46.7	46.0	46.4
65	45.4	44.7	43.5	43.1	42.1	41.9	41.1	41.4	41.0	41.6	41.6	43.1	44.0	41.4	40.0	38.7	38.3	38.0	38.5
70	36.2	34.6	33.2	33.2	32.7	32.9	32.3	32.4	31.9	32.2	32.2	34.0	35.9	32.5	31.0	30.0	29.9	29.7	30.4
75	28.3	26.2	24.1	24.2	23.7	23.9	23.5	23.6	23.2	23.8	23.9	26.6	28.7	25.0	22.8	21.9	21.7	21.6	22.3
80	19.7	18.1	15.8	15.8	15.3	15.5	15.1	15.2	15.1	15.6	15.5	18.3	19.8	16.7	14.6	14.1	13.8	13.5	14.1
85	8.66	8.43	7.38	7.61	7.18	7.39	6.94	7.31	6.93	7.08	6.83	7.99	8.30	6.90	6.16	5.83	5.93	5.80	5.92
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:2025-5-29

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:218.9V I:5.469A P:1195W PF:0.9980 Freq:50.01Hz Lamp Flux:188046x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-2030D-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	7002	7002	7002	7002	7002														
5	5559	5736	5925	6209	6417														
10	3282	3632	4049	4606	5024														
15	1539	1855	2276	2845	3283														
20	680	843	1123	1502	1800														
25	343	411	535	736	880														
30	200	233	289	378	437														
35	128	147	176	219	242														
40	92.7	104	121	144	154														
45	74.2	80.9	90.9	104	109														
50	63.3	67.3	73.1	80.6	83.9														
55	54.8	57.3	60.6	65.1	67.3														
60	47.0	48.5	50.1	52.9	54.4														
65	38.7	39.7	40.4	42.1	43.2														
70	30.3	30.8	31.1	32.1	33.4														
75	22.0	22.4	22.5	23.4	25.2														
80	13.7	14.2	14.6	15.2	17.1														
85	5.84	6.17	6.32	6.84	7.53														
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:2025-5-29

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: