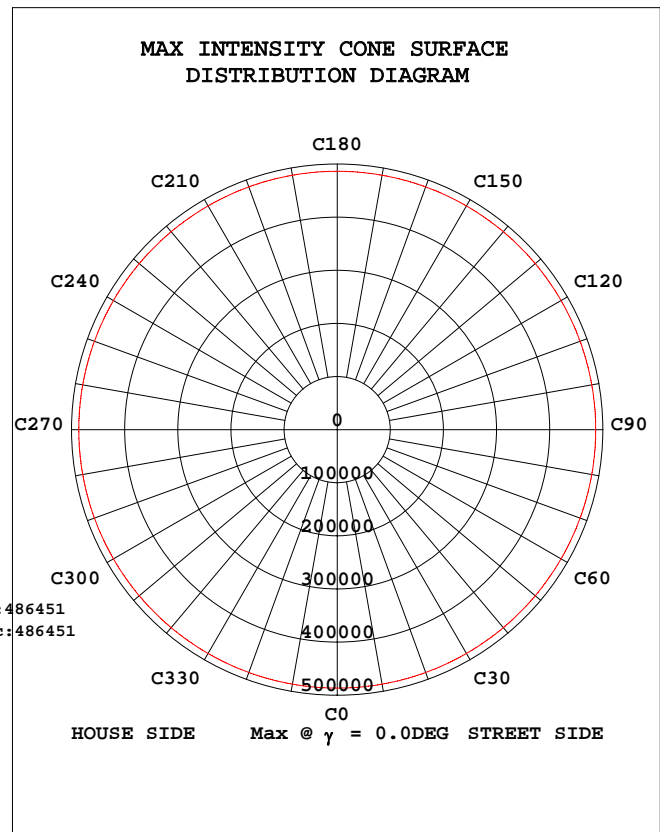
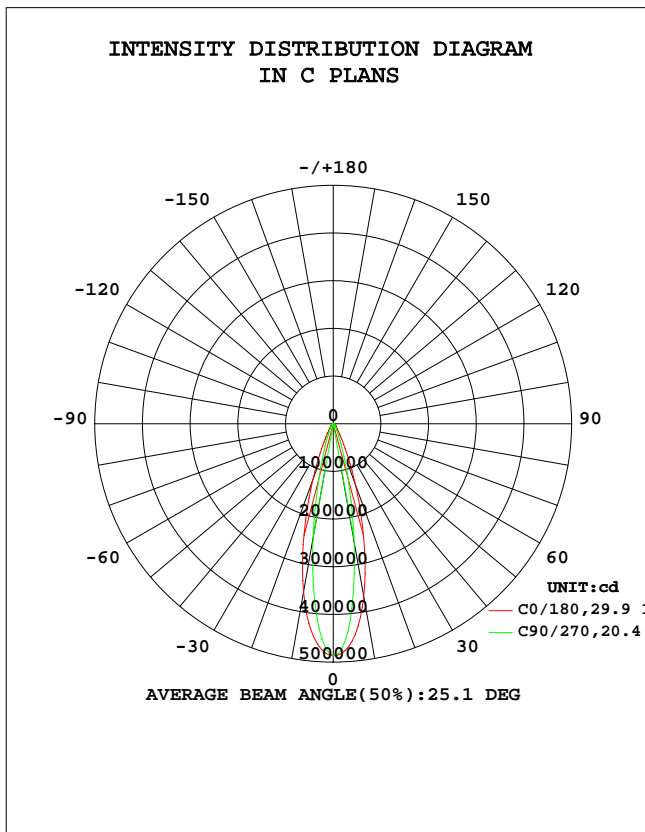


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.0V I:3.649A P:797.4W PF:0.9979 Freq:50.00Hz Lamp Flux:128282x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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: 160.87 lm/W			
MODEL	3535	I _{max} (cd)	486451	η street_up(%)	0.0
NOMINAL POWER(W)	800	LOR(%)	100.0	η street_down(%)	50.8
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	128282	η house_up(%)	0.0
NOMINAL FLUX(lm)	128282	MAXIMUM @(C,γ)	285,0.0	η house_down(%)	49.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.507

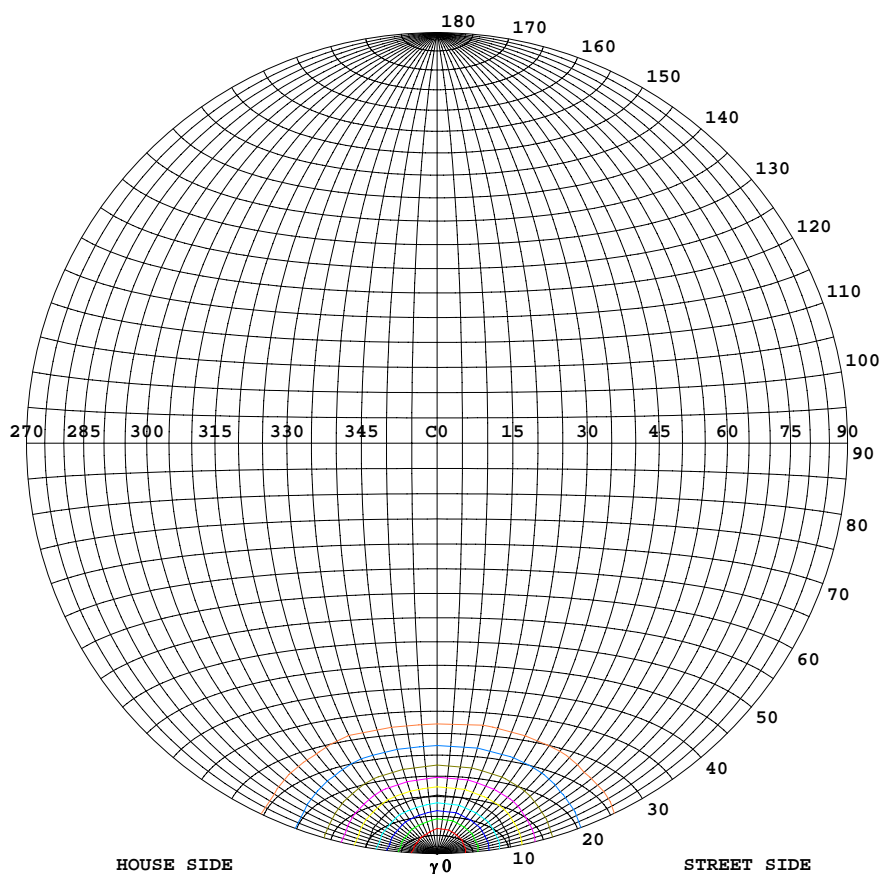


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-29

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:219.0V I:3.649A P:797.4W PF:0.9979 Freq:50.00Hz Lamp Flux:128282x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



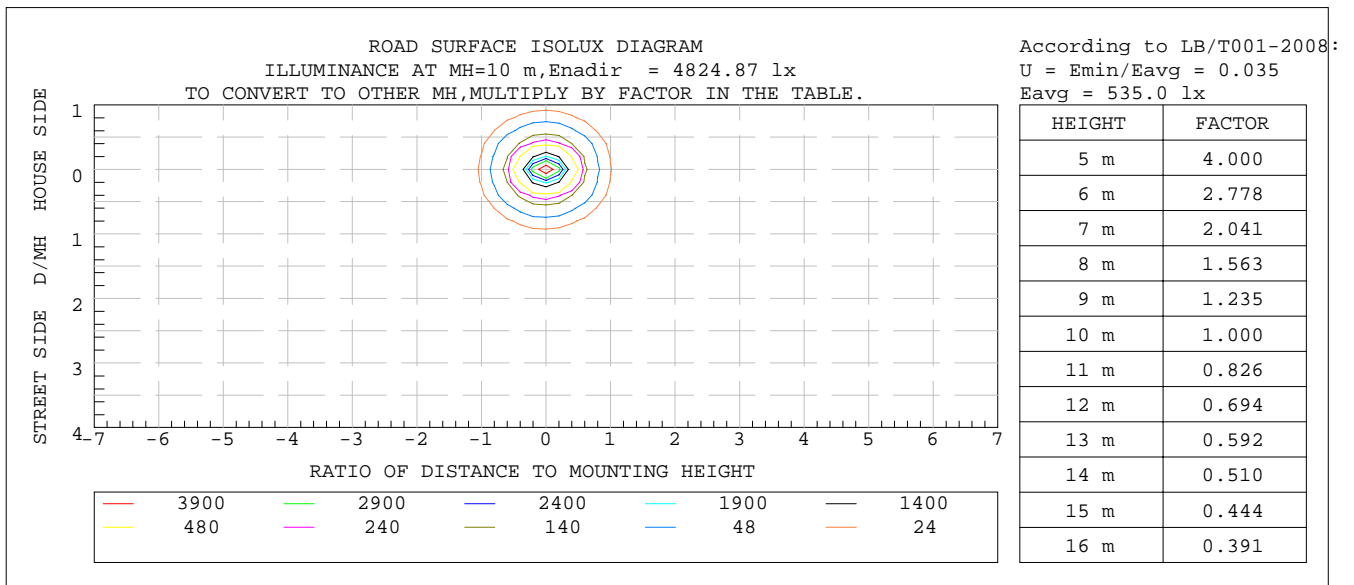
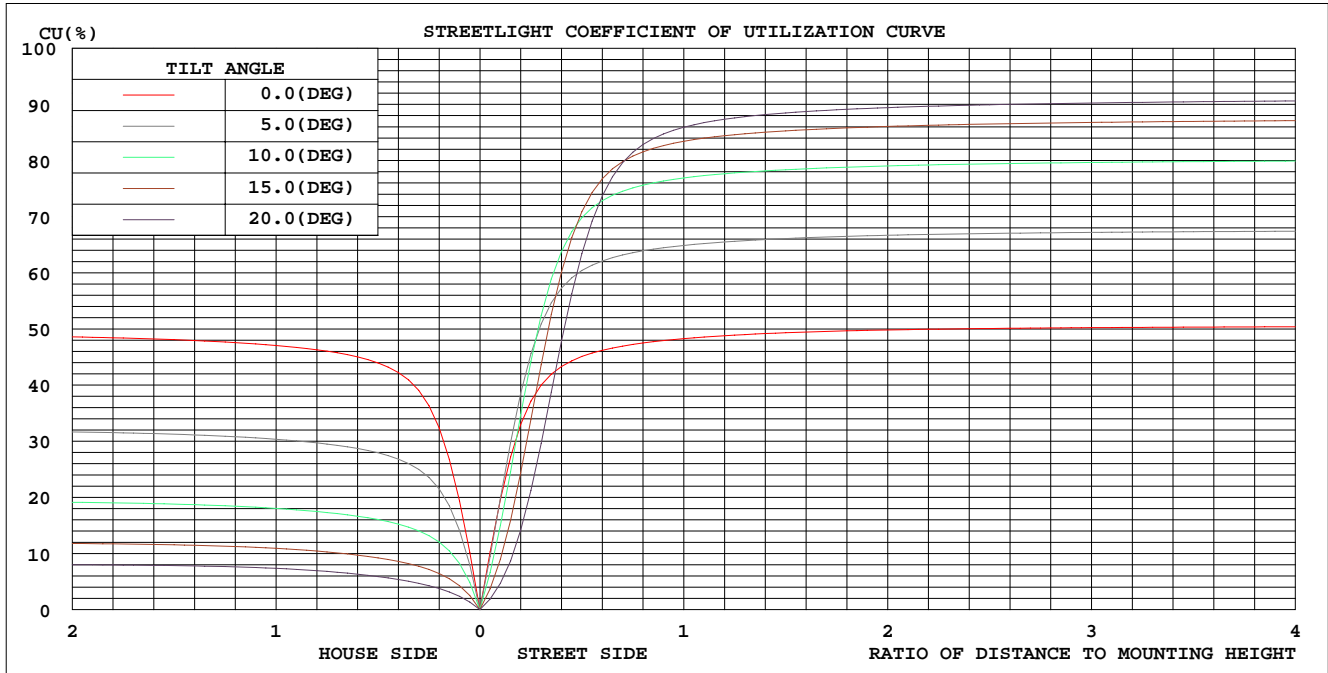
Classification:

IES:Type VS - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:10.68cd/klm
Max.At90:0cd/klm
Max.80-90:10.68cd/klm
NRB 5101:Limited[1.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	486451
90%	437806
80%	389160
70%	340515
60%	291870
50%	243225
40%	194580
30%	145935
20%	97290
10%	48645
5%	24323

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:219.0V I:3.649A P:797.4W PF:0.9979 Freq:50.00Hz Lamp Flux:128282x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

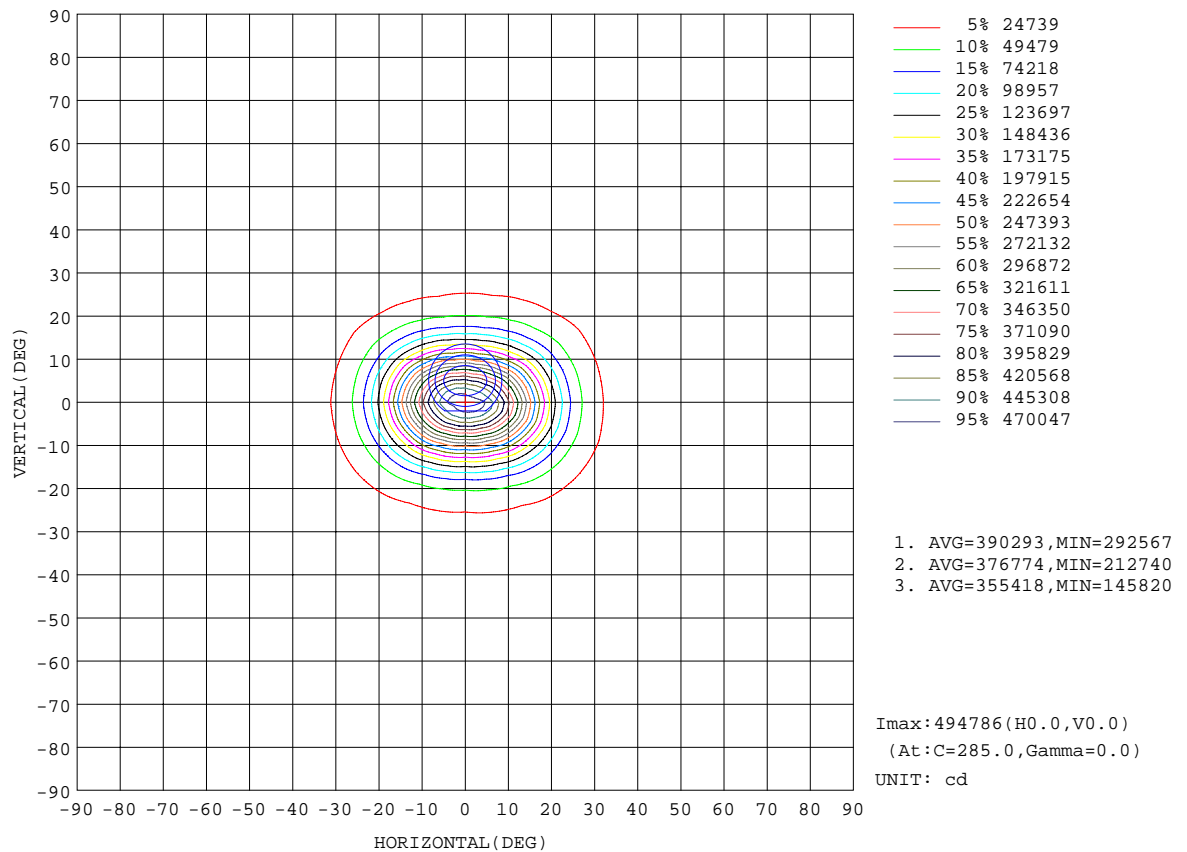
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	3689	3116	2532	3070	3590	2985	2453	2948	0- 10	36986	36986	28.8,28.8
20	1380	904.5	524.7	848.7	1261	816.2	501.4	826.7	10- 20	48704	85690	66.8,66.8
30	317.9	221.5	147.4	204.0	284.4	196.4	143.8	212.5	20- 30	20636	106327	82.9,82.9
40	107.8	86.83	65.39	82.51	96.61	79.54	63.53	86.13	30- 40	8279	114606	89.3,89.3
50	57.91	51.33	43.88	49.35	54.07	47.98	43.33	51.05	40- 50	4900	119506	93.2,93.2
60	38.13	35.18	32.58	33.87	36.43	33.29	32.66	34.86	50- 60	3733	123240	96.1,96.1
70	24.82	21.92	20.96	21.16	24.50	20.93	21.60	21.74	60- 70	2786	126026	98.2,98.2
80	13.71	10.18	9.559	10.01	13.58	9.978	10.33	10.33	70- 80	1719	127745	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	537.2	128282	100,100
100	0	0	0	0	0	0	0	0	90-100	0	128282	100,100
110	0	0	0	0	0	0	0	0	100-110	0	128282	100,100
120	0	0	0	0	0	0	0	0	110-120	0	128282	100,100
130	0	0	0	0	0	0	0	0	120-130	0	128282	100,100
140	0	0	0	0	0	0	0	0	130-140	0	128282	100,100
150	0	0	0	0	0	0	0	0	140-150	0	128282	100,100
160	0	0	0	0	0	0	0	0	150-160	0	128282	100,100
170	0	0	0	0	0	0	0	0	160-170	0	128282	100,100
180	0	0	0	0	0	0	0	0	170-180	0	128282	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

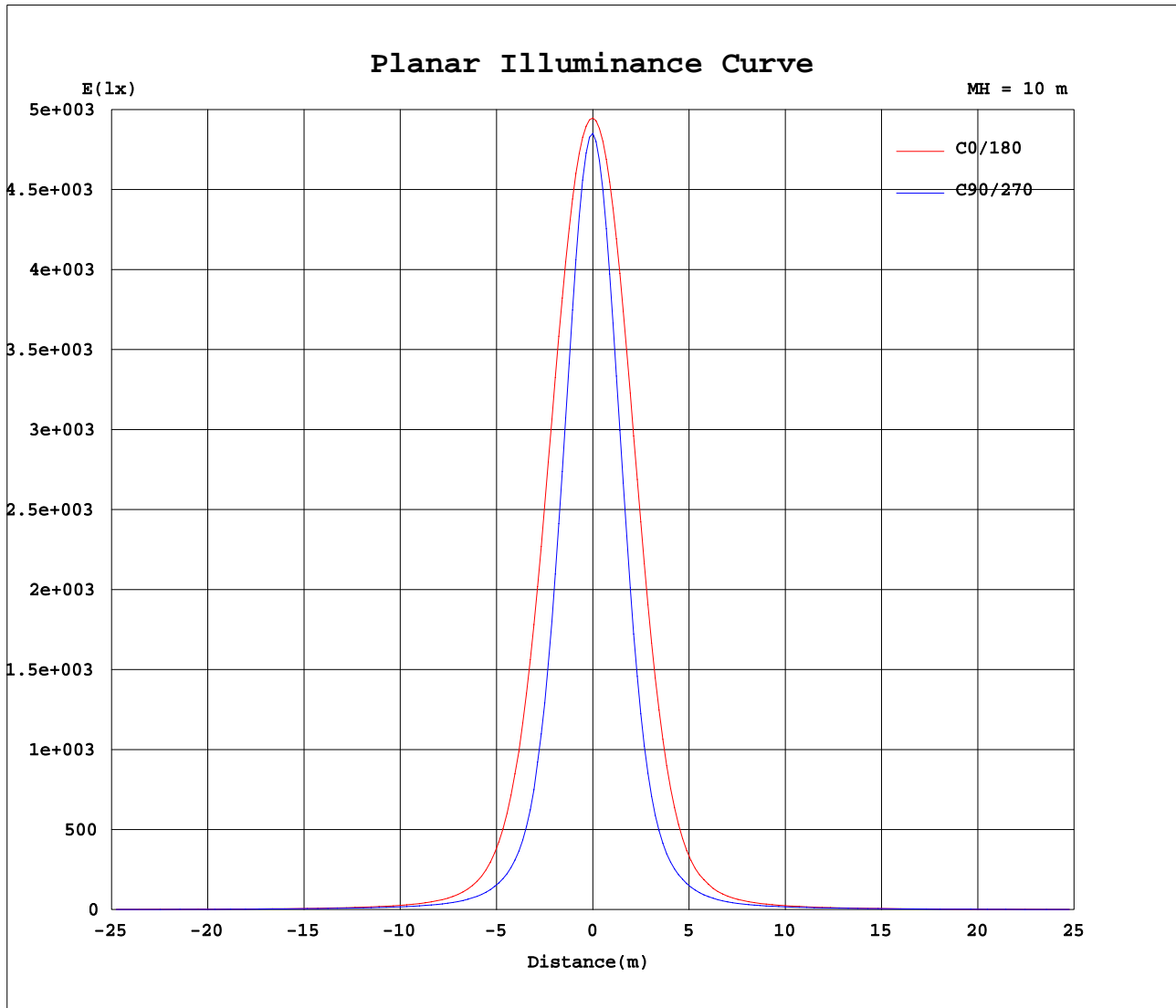
Test:U:219.0V I:3.649A P:797.4W PF:0.9979 Freq:50.00Hz Lamp Flux:128282x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



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



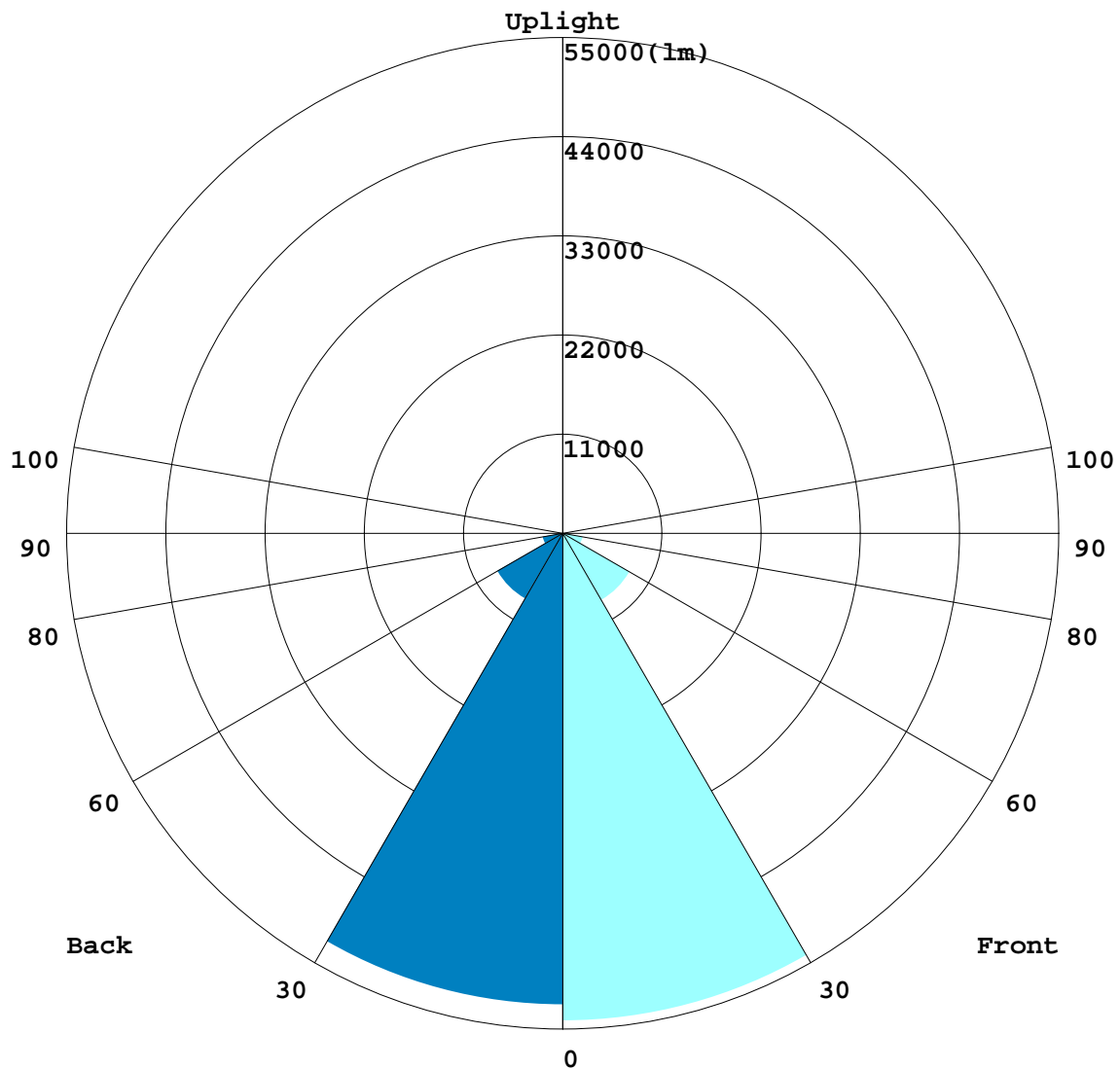
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-5-29

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:219.0V I:3.649A P:797.4W PF:0.9979 Freq:50.00Hz Lamp Flux:128282x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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:219.0V I:3.649A P:797.4W PF:0.9979 Freq:50.00Hz Lamp Flux:128282x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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)	54051	42.1
FM - Front-Medium(30-60)	8558.1	6.7
FH - Front-High(60-80)	2254.3	1.8
FVH - Front-Very High(80-90)	264.88	0.2
Total Forward Light	65128	50.8

BL - Back-Low(0-30)	52276	40.8
BM - Back-Medium(30-60)	8354.8	6.5
BH - Back-High(60-80)	2250.7	1.8
BVH - Back-Very High(80-90)	272.33	0.2
Total Back Light	63154	49.2

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	B5-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	63154	0	63154
Street Side	65128	0	65128

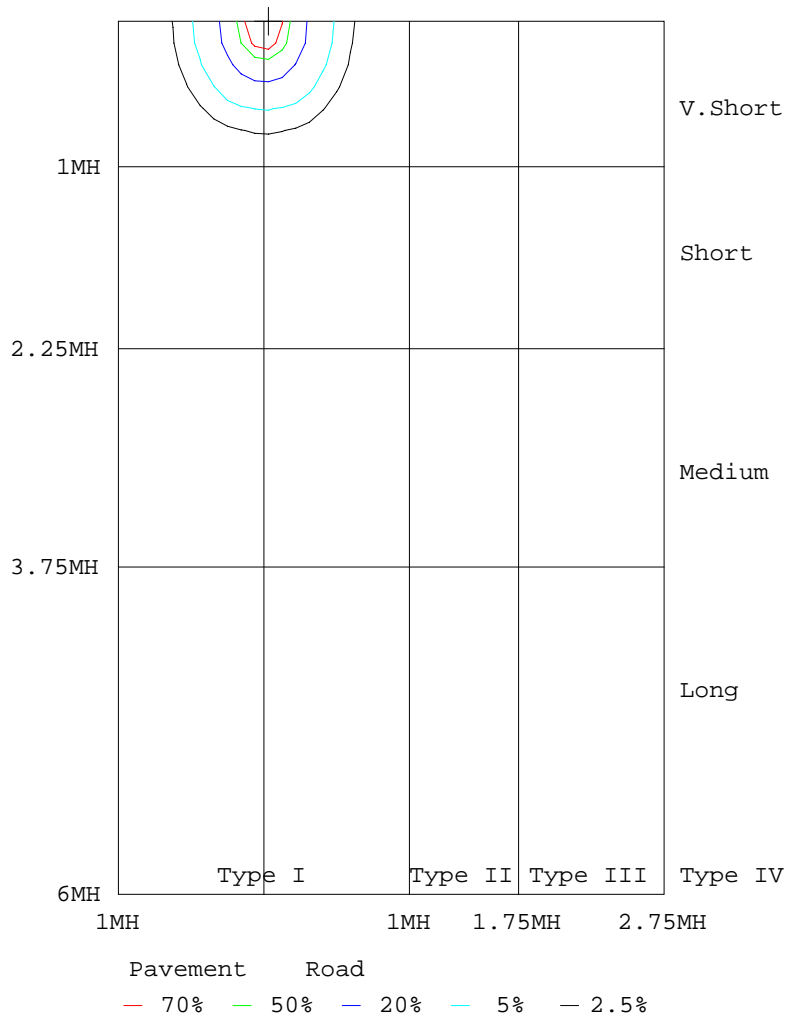
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-5-29

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:219.0V I:3.649A P:797.4W PF:0.9979 Freq:50.00Hz Lamp Flux:128282x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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:219.0V I:3.649A P:797.4W PF:0.9979 Freq:50.00Hz Lamp Flux:128282x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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	4865	4865	4865	4865	4865	4865	4865	4865	4865	4865	4865	4865	4865	4865	4865	4865	4865	4865	4865
5	4576	4560	4458	4361	4224	4173	4120	4184	4234	4365	4440	4516	4524	4476	4405	4265	4172	4048	4030
10	3689	3633	3385	3116	2806	2643	2532	2644	2786	3070	3306	3529	3590	3476	3291	2985	2753	2494	2453
15	2476	2418	2115	1822	1485	1304	1221	1296	1458	1754	1994	2255	2359	2230	2028	1696	1423	1220	1139
20	1380	1333	1142	905	680	575	525	561	651	849	1040	1186	1261	1201	1044	816	636	520	501
25	667	649	545	427	323	288	261	278	304	393	484	557	587	553	492	377	300	256	256
30	318	314	273	221	177	159	147	153	167	204	242	273	284	266	249	196	165	145	144
35	171	171	154	130	110	98.3	92.4	95.5	104	122	140	150	152	147	138	119	102	90.9	89.7
40	108	107	98.9	86.8	74.7	68.7	65.4	67.2	72.0	82.5	91.3	95.8	96.6	93.6	89.9	79.5	70.7	64.5	63.5
45	75.2	75.1	70.9	64.3	57.2	53.6	51.6	52.7	55.6	61.6	66.5	68.8	69.4	67.6	65.5	59.7	54.7	51.1	50.6
50	57.9	57.8	55.1	51.3	47.2	45.1	43.9	44.5	46.0	49.3	52.0	53.6	54.1	52.8	51.4	48.0	45.3	43.3	43.3
55	46.7	46.5	44.7	42.4	40.0	38.9	38.1	38.4	39.0	40.8	42.3	43.6	44.1	43.1	42.0	39.9	38.6	37.6	37.8
60	38.1	37.8	36.4	35.2	33.8	33.3	32.6	32.9	32.9	33.9	34.6	35.6	36.4	35.2	34.6	33.3	32.7	32.4	32.7
65	31.0	30.2	29.0	28.5	27.6	27.4	26.8	27.0	26.9	27.4	27.6	28.8	30.0	28.4	27.8	27.0	27.0	26.8	27.2
70	24.8	23.5	22.2	21.9	21.4	21.4	21.0	21.1	20.8	21.2	21.3	22.7	24.5	22.4	21.5	20.9	21.1	21.1	21.6
75	19.5	17.8	16.1	15.9	15.4	15.5	15.2	15.2	15.1	15.5	15.8	17.7	19.6	17.3	15.8	15.4	15.4	15.4	15.9
80	13.7	12.3	10.4	10.2	9.80	9.83	9.56	9.67	9.64	10.01	10.03	12.0	13.6	11.6	10.3	9.98	10.1	9.94	10.3
85	6.13	5.56	4.50	4.55	4.36	4.45	4.06	4.36	4.14	4.18	3.98	5.03	5.74	4.84	4.44	4.35	4.66	4.58	4.68
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:219.0V I:3.649A P:797.4W PF:0.9979 Freq:50.00Hz Lamp Flux:128282x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--2

UNIT: ×100cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	4865	4865	4865	4865	4865														
5	4018	4128	4233	4401	4513														
10	2453	2694	2948	3308	3563														
15	1204	1390	1679	2070	2341														
20	526	639	827	1096	1287														
25	264	312	397	537	629														
30	150	174	213	279	309														
35	93.4	107	128	157	170														
40	65.8	73.9	86.1	102	107														
45	52.1	56.9	64.0	72.7	75.0														
50	44.2	47.1	51.1	56.0	57.5														
55	38.4	40.1	42.1	45.0	46.0														
60	33.0	33.9	34.9	36.5	37.2														
65	27.3	27.9	28.2	29.1	29.6														
70	21.5	21.8	21.7	22.3	22.9														
75	15.7	15.9	15.9	16.3	17.4														
80	10.1	10.3	10.3	10.7	11.9														
85	4.66	4.81	4.71	4.93	5.45														
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: