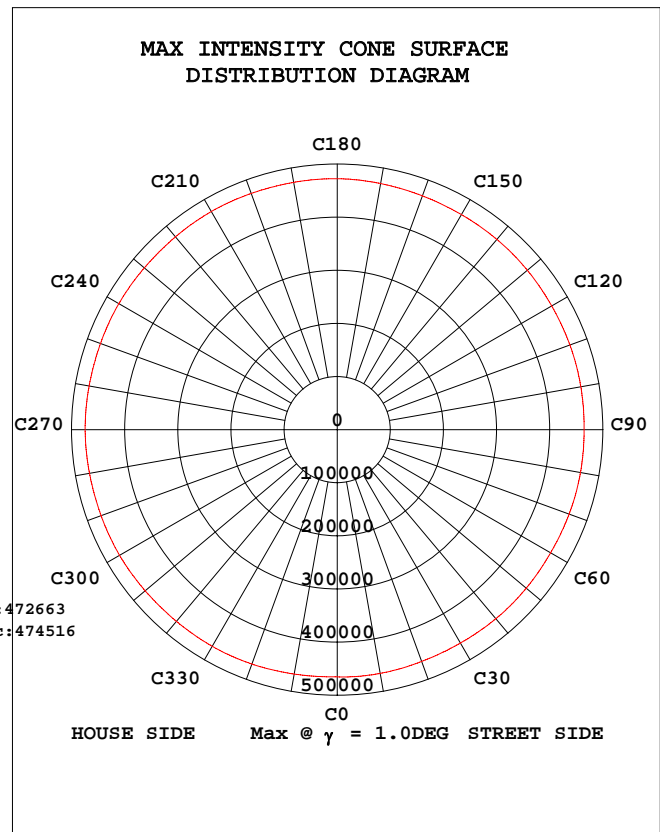
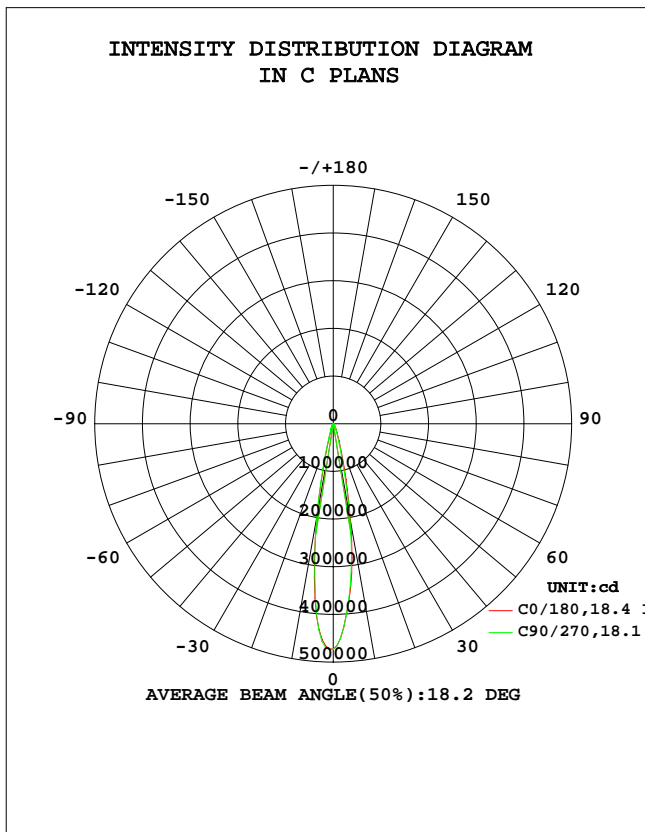


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:1.848A P:403.6W PF:0.9967 Freq:50.01Hz Lamp Flux:64980.9x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 160.98 lm/W			
MODEL	3535	I _{max} (cd)	474718	η street_up(%)	0.0
NOMINAL POWER(W)	400	LOR(%)	100.0	η street_down(%)	51.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	64981	η house_up(%)	0.0
NOMINAL FLUX(lm)	64980.9	MAXIMUM @(C,γ)	240,1.0	η house_down(%)	48.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.682

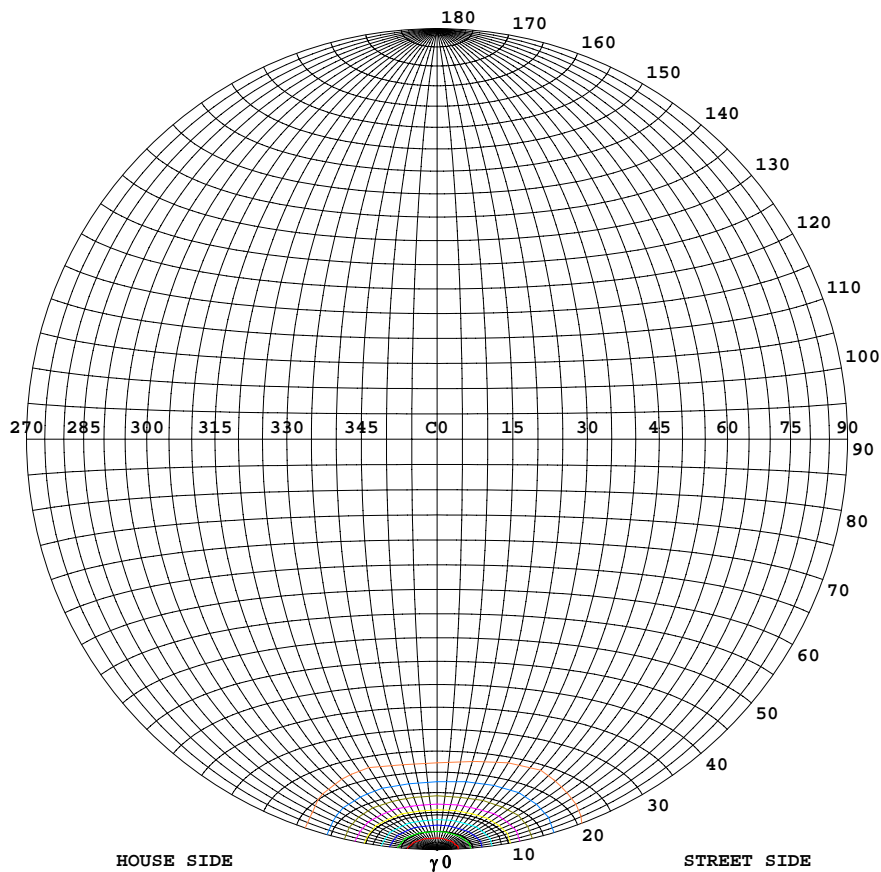


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-28

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:219.2V I:1.848A P:403.6W PF:0.9967 Freq:50.01Hz Lamp Flux:64980.9x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



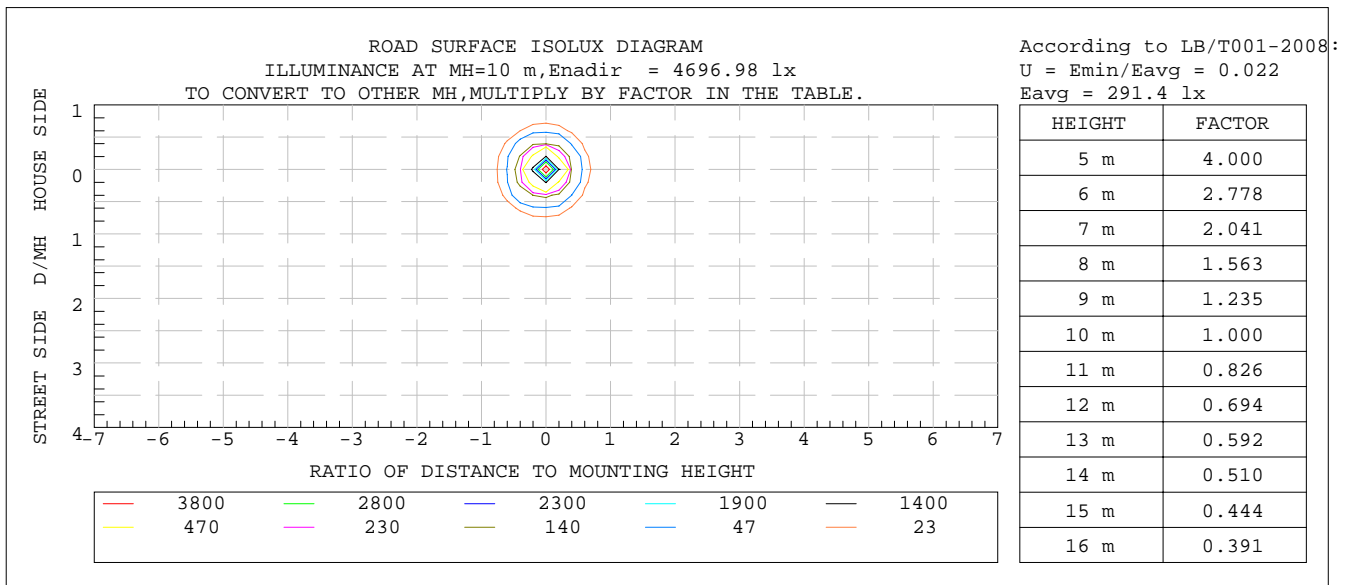
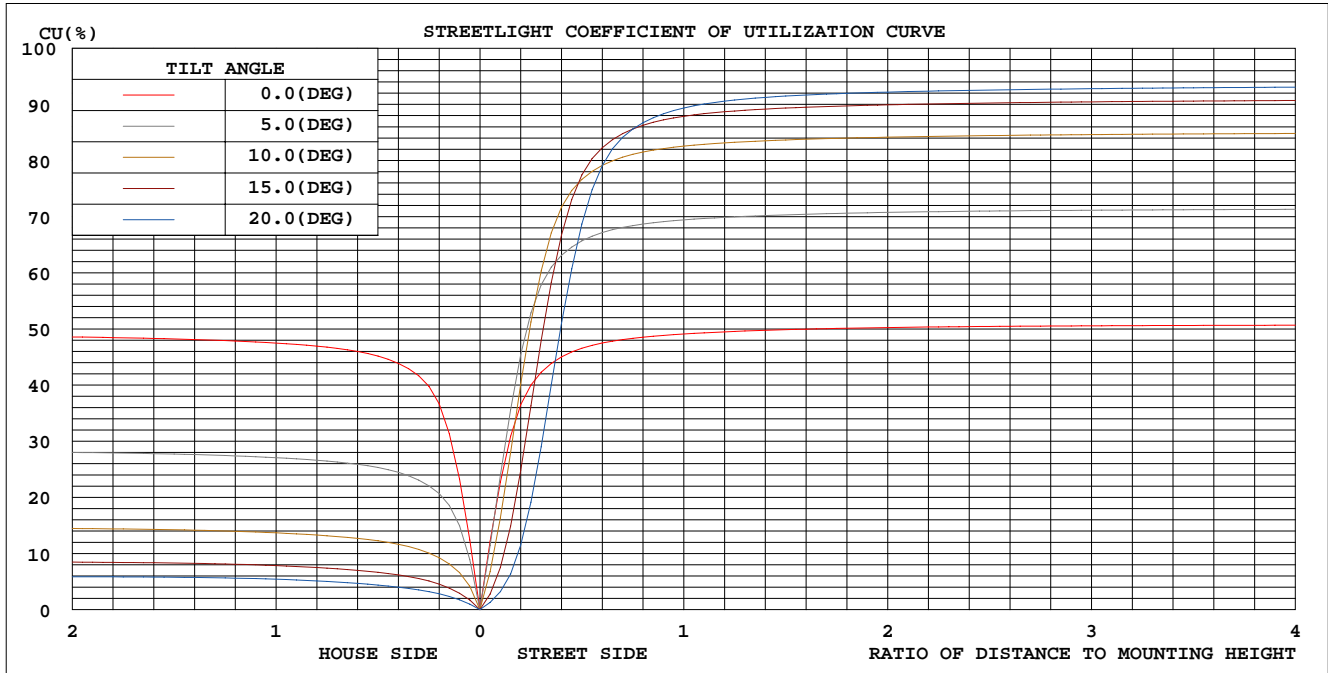
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:5.609cd/klm
Max.At90:0cd/klm
Max.80-90:5.609cd/klm
NRB 5101:Limited[0.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	474718
90%	427246
80%	379775
70%	332303
60%	284831
50%	237359
40%	189887
30%	142415
20%	94944
10%	47472
5%	23736

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-28

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: 2025-5-28

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:219.2V I:1.848A P:403.6W PF:0.9967 Freq:50.01Hz Lamp Flux:64980.9x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

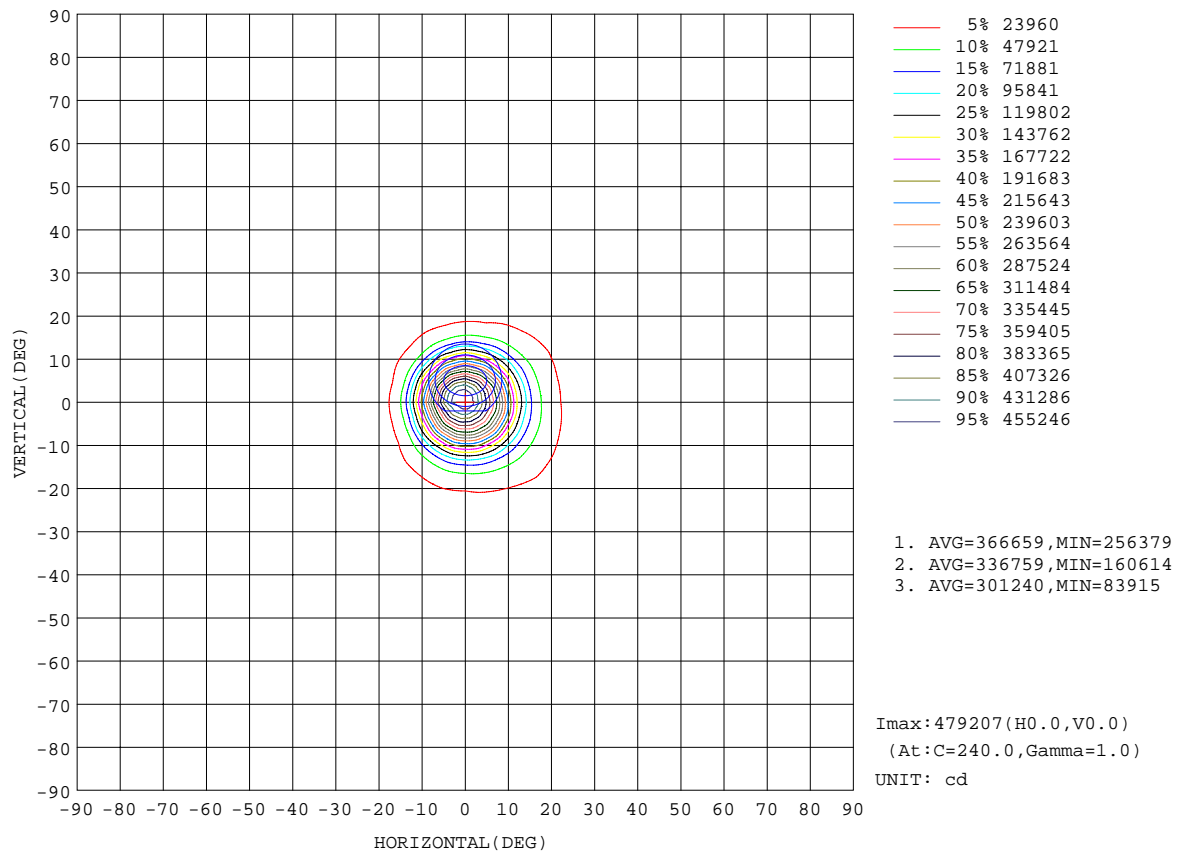
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	2105	2144	2015	1945	1986	1903	1977	2050	0- 10	30759	30759	47.3,47.3
20	321.3	364.0	260.6	214.2	154.1	177.4	190.0	290.6	10- 20	20218	50977	78.4,78.4
30	83.97	110.8	72.34	67.72	55.35	60.95	63.19	85.83	20- 30	6438	57415	88.4,88.4
40	28.79	36.72	26.71	27.21	23.62	25.26	25.16	31.98	30- 40	2860	60275	92.8,92.8
50	17.19	20.16	16.19	16.81	14.95	16.41	15.67	17.86	40- 50	1628	61903	95.3,95.3
60	14.31	14.67	13.07	12.05	11.28	11.78	12.15	13.36	50- 60	1293	63196	97.3,97.3
70	9.265	9.181	8.497	7.741	7.527	7.739	8.296	8.678	60- 70	1037	64234	98.9,98.9
80	3.447	3.498	3.266	3.051	3.016	3.194	3.569	3.475	70- 80	602.2	64836	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	144.8	64981	100,100
100	0	0	0	0	0	0	0	0	90-100	0	64981	100,100
110	0	0	0	0	0	0	0	0	100-110	0	64981	100,100
120	0	0	0	0	0	0	0	0	110-120	0	64981	100,100
130	0	0	0	0	0	0	0	0	120-130	0	64981	100,100
140	0	0	0	0	0	0	0	0	130-140	0	64981	100,100
150	0	0	0	0	0	0	0	0	140-150	0	64981	100,100
160	0	0	0	0	0	0	0	0	150-160	0	64981	100,100
170	0	0	0	0	0	0	0	0	160-170	0	64981	100,100
180	0	0	0	0	0	0	0	0	170-180	0	64981	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:2025-5-28

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:

ISOCANDELA DIAGRAM

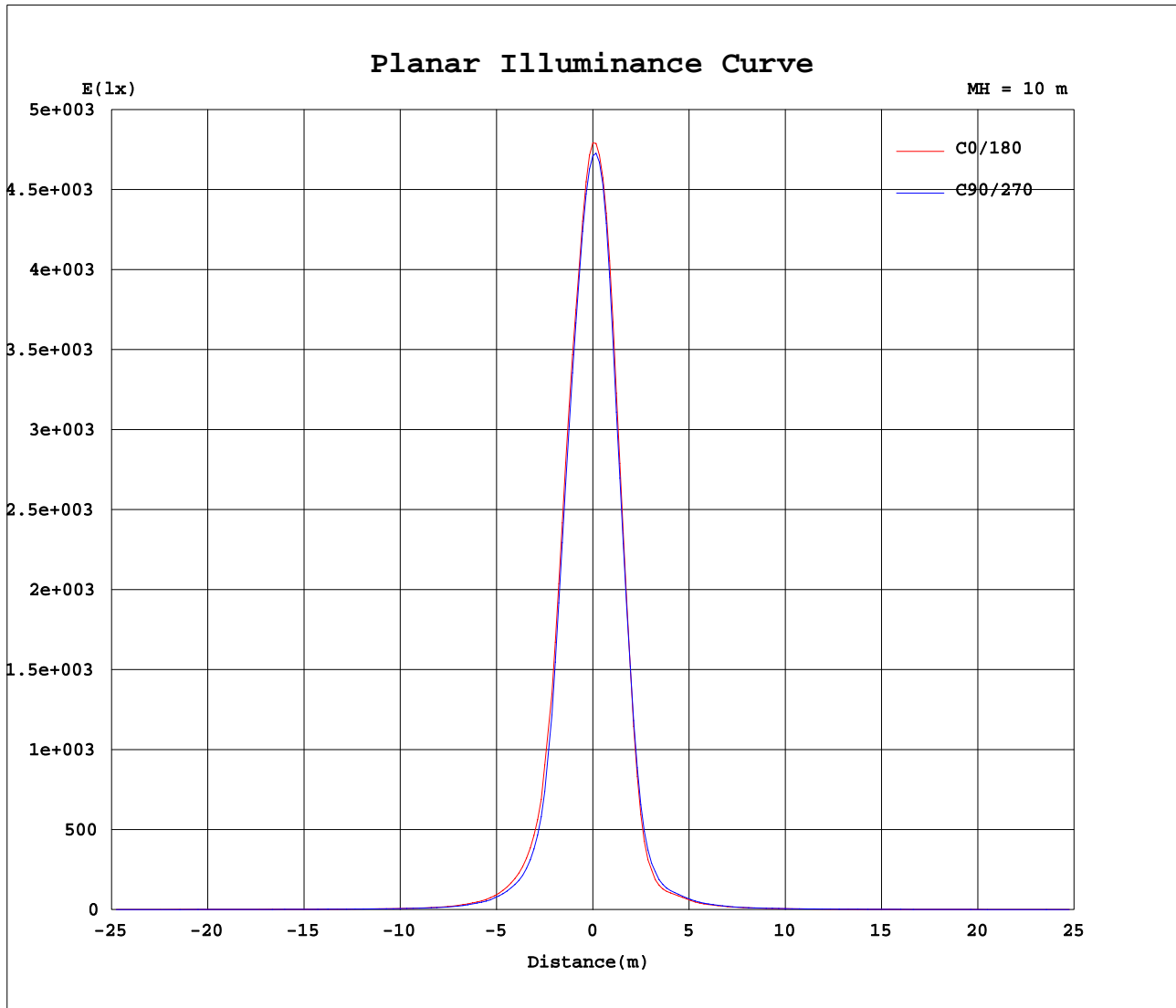
Test:U:219.2V I:1.848A P:403.6W PF:0.9967 Freq:50.01Hz Lamp Flux:64980.9x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-28

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



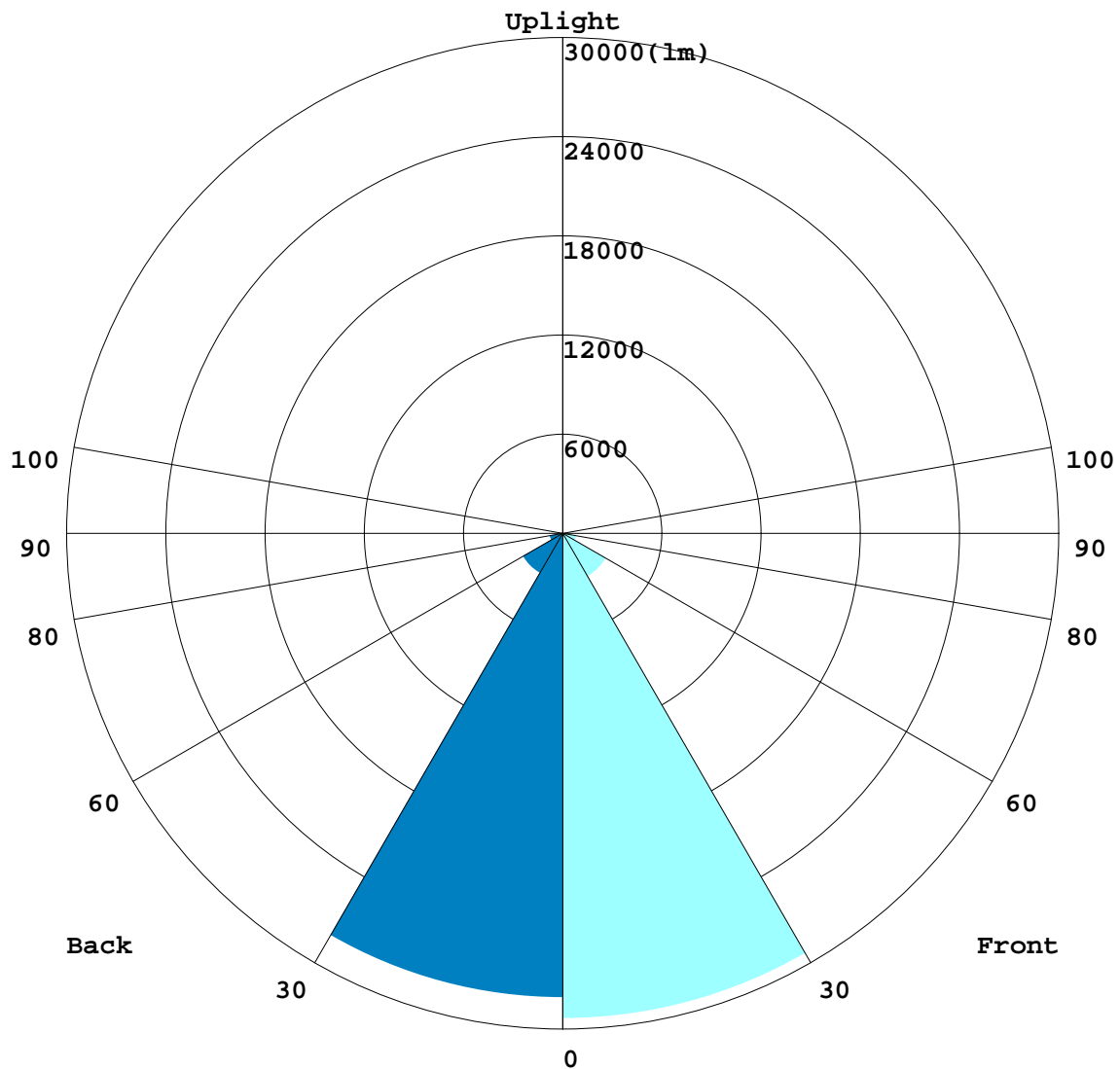
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-5-28

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:219.2V I:1.848A P:403.6W PF:0.9967 Freq:50.01Hz Lamp Flux:64980.9x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-15D-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:2025-5-28

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:219.2V I:1.848A P:403.6W PF:0.9967 Freq:50.01Hz Lamp Flux:64980.9x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-15D-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)	29340	45.2
FM - Front-Medium(30-60)	3016.3	4.6
FH - Front-High(60-80)	837.62	1.3
FVH - Front-Very High(80-90)	68.938	0.1
Total Forward Light	33263	51.2

BL - Back-Low(0-30)	28075	43.2
BM - Back-Medium(30-60)	2765.1	4.3
BH - Back-High(60-80)	802.01	1.2
BVH - Back-Very High(80-90)	75.831	0.1
Total Back Light	31718	48.8

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	31718	0	31718
Street Side	33263	0	33263

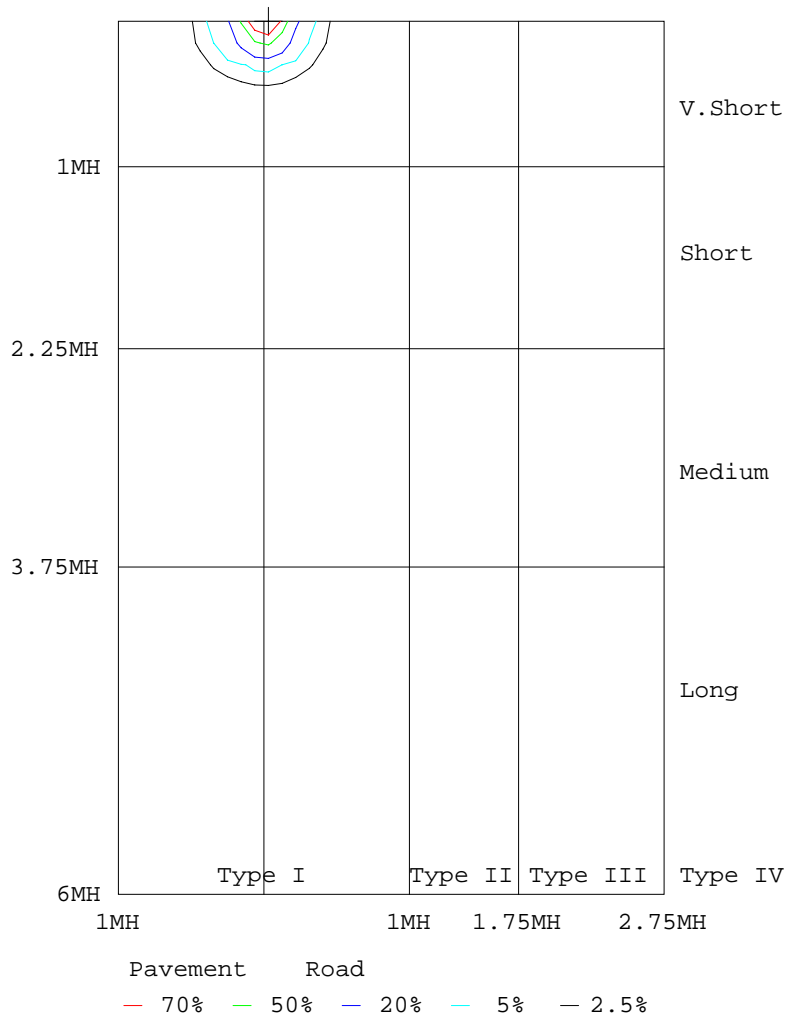
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-5-28

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:219.2V I:1.848A P:403.6W PF:0.9967 Freq:50.01Hz Lamp Flux:64980.9x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-15D-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:2025-5-28

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:219.2V I:1.848A P:403.6W PF:0.9967 Freq:50.01Hz Lamp Flux:64980.9x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-15D-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	4727	4727	4727	4727	4727	4727	4727	4727	4727	4727	4727	4727	4727	4727	4727	4727	4727	4727	4727
5	3741	3739	3703	3724	3698	3728	3721	3775	3768	3840	3846	3930	4045	4044	4088	4024	4054	3996	4013
10	2105	2141	2108	2144	2079	2080	2015	2028	1948	1945	1867	1896	1986	1932	1964	1903	1951	1916	1977
15	755	784	778	787	732	699	648	644	601	566	487	451	467	442	470	474	509	507	545
20	321	349	364	364	322	297	261	265	241	214	173	156	154	152	165	177	189	184	190
25	161	178	201	207	170	147	135	138	133	122	105	99.8	102	99.6	106	111	115	111	114
30	84.0	91.7	107	111	91.3	78.1	72.3	73.8	71.8	67.7	59.0	54.7	55.3	54.7	58.4	60.9	63.0	61.5	63.2
35	47.7	51.9	57.6	60.6	51.8	44.5	41.3	42.5	42.5	40.7	35.6	33.2	34.0	34.0	36.8	38.0	39.2	37.8	38.4
40	28.8	31.0	35.3	36.7	32.0	28.8	26.7	27.8	27.7	27.2	24.4	23.3	23.6	23.9	24.7	25.3	25.8	24.7	25.2
45	20.7	21.6	23.8	25.7	22.6	20.5	19.7	19.9	20.8	20.1	18.7	18.1	18.4	18.2	19.8	19.9	19.5	18.9	19.2
50	17.2	17.9	19.0	20.2	18.0	16.8	16.2	16.2	16.3	16.8	15.1	14.8	14.9	15.0	15.5	16.4	15.9	15.5	15.7
55	15.5	16.0	16.5	17.0	15.8	15.0	14.4	14.2	14.1	13.9	13.1	12.7	12.8	12.7	13.1	13.5	13.6	13.3	13.5
60	14.3	14.0	14.4	14.7	13.8	13.2	13.1	12.4	12.3	12.1	11.3	10.9	11.3	11.0	11.4	11.8	11.8	11.7	12.2
65	12.1	11.6	11.7	12.1	11.3	11.0	11.0	10.3	10.05	10.1	9.37	9.16	9.56	9.19	9.51	9.95	9.83	9.75	10.4
70	9.27	8.99	8.88	9.18	8.64	8.62	8.50	8.03	7.65	7.74	7.21	7.20	7.53	7.22	7.40	7.74	7.65	7.71	8.30
75	6.26	6.30	6.01	6.26	5.90	6.11	5.81	5.66	5.27	5.34	4.96	5.12	5.27	5.12	5.19	5.40	5.44	5.61	5.93
80	3.45	3.65	3.30	3.50	3.30	3.51	3.27	3.29	3.00	3.05	2.80	2.97	3.02	3.00	3.05	3.19	3.25	3.41	3.57
85	1.11	1.17	1.08	1.17	1.09	1.13	1.04	1.09	1.03	1.08	0.99	1.02	1.06	1.09	1.15	1.27	1.26	1.29	1.35
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:2025-5-28

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:219.2V I:1.848A P:403.6W PF:0.9967 Freq:50.01Hz Lamp Flux:64980.9x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-15D-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	4727	4727	4727	4727	4727														
5	3926	3934	3861	3866	3803														
10	1957	2049	2050	2134	2109														
15	569	652	695	757	756														
20	204	258	291	324	320														
25	119	139	161	176	163														
30	65.8	75.9	85.8	91.7	86.1														
35	40.0	45.9	51.1	53.2	49.2														
40	25.9	29.2	32.0	32.7	29.9														
45	19.6	20.8	23.3	22.8	21.0														
50	16.2	16.9	17.9	17.9	17.2														
55	13.8	14.4	15.2	15.4	15.2														
60	12.1	12.7	13.4	13.6	13.5														
65	10.1	10.6	11.3	11.2	11.3														
70	8.01	8.28	8.68	8.60	8.82														
75	5.80	5.84	6.01	5.97	6.29														
80	3.51	3.47	3.47	3.42	3.58														
85	1.34	1.33	1.29	1.22	1.25														
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:2025-5-28

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: