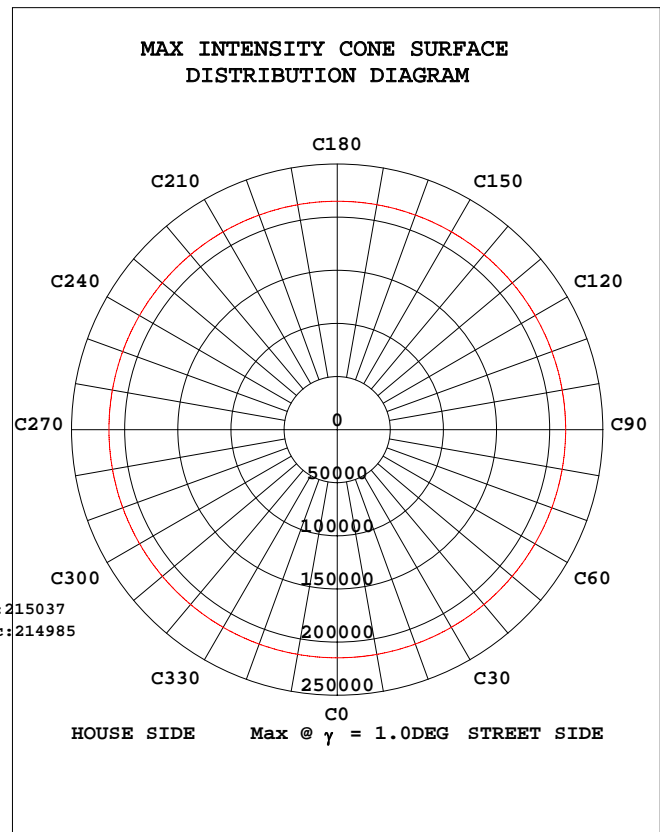
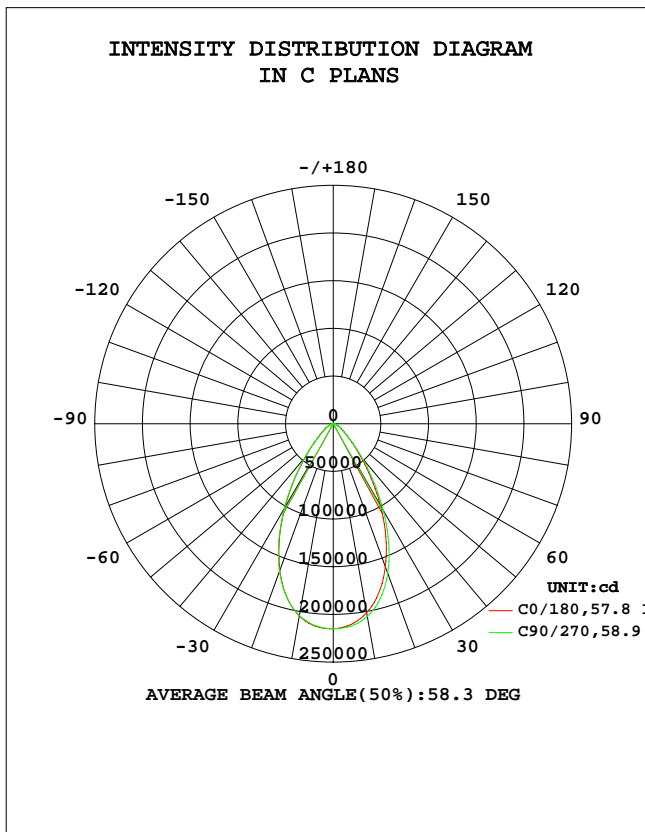


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.9V I:5.475A P:1196W PF:0.9981 Freq:50.00Hz Lamp Flux:220928x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-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: 184.70 lm/W			
MODEL	5050	I _{max} (cd)	215043	η street_up(%)	0.0
NOMINAL POWER(W)	1200	LOR(%)	100.0	η street_down(%)	50.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	220928	η house_up(%)	0.0
NOMINAL FLUX(lm)	220928	MAXIMUM @(C,γ)	135,1.0	η house_down(%)	49.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.580

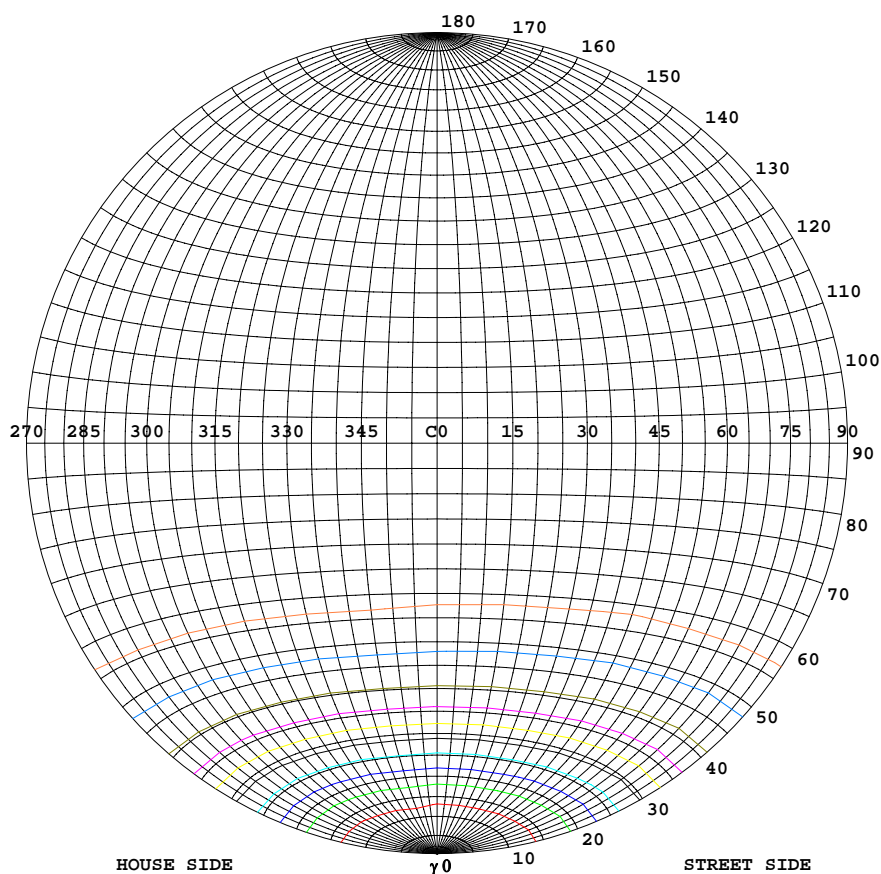


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-6-1

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:218.9V I:5.475A P:1196W PF:0.9981 Freq:50.00Hz Lamp Flux:220928x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



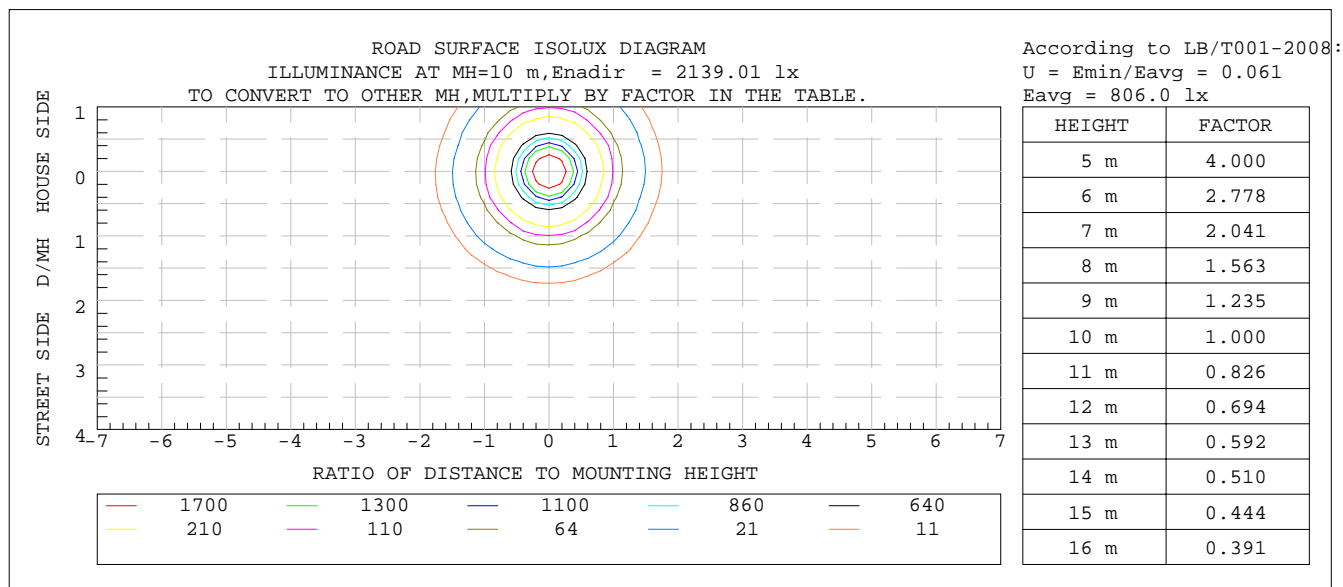
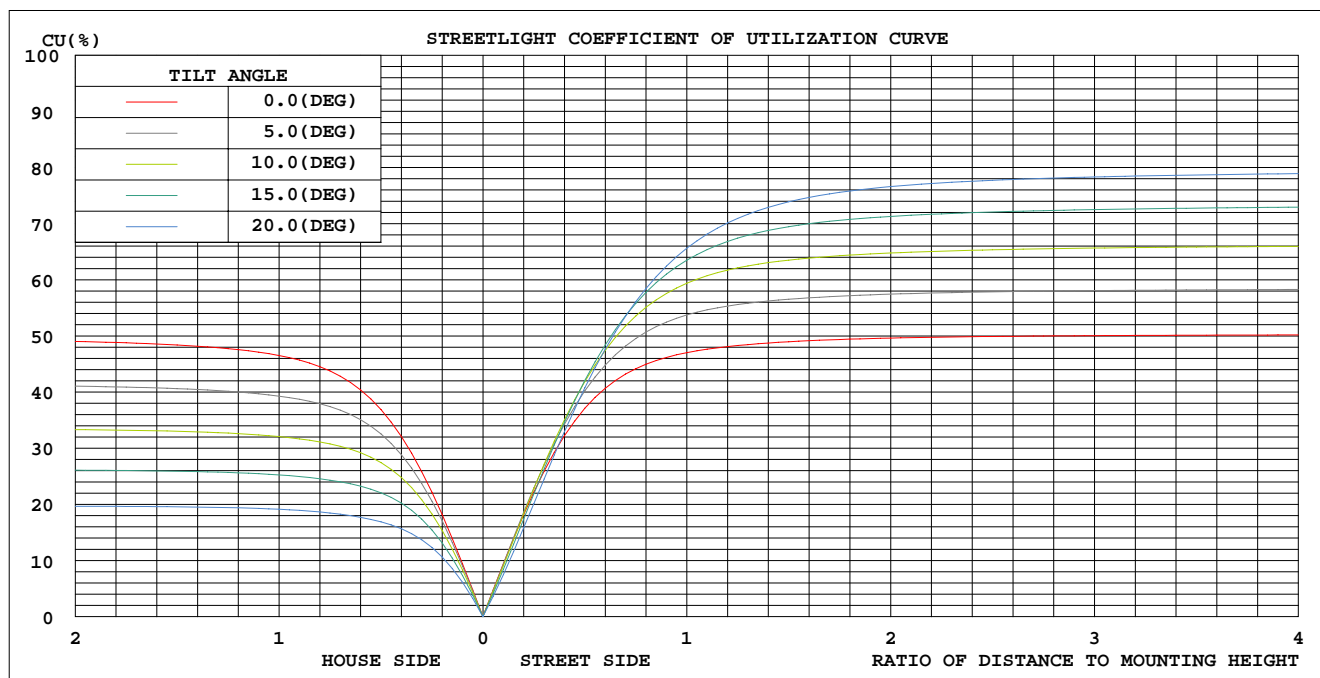
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:6.198cd/klm
Max.At90:0cd/klm
Max.80-90:6.198cd/klm
NRB 5101:Limited[1.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	215043
90%	193538
80%	172034
70%	150530
60%	129026
50%	107521
40%	86017
30%	64513
20%	43009
10%	21504
5%	10752

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:218.9V I:5.475A P:1196W PF:0.9981 Freq:50.00Hz Lamp Flux:220928x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

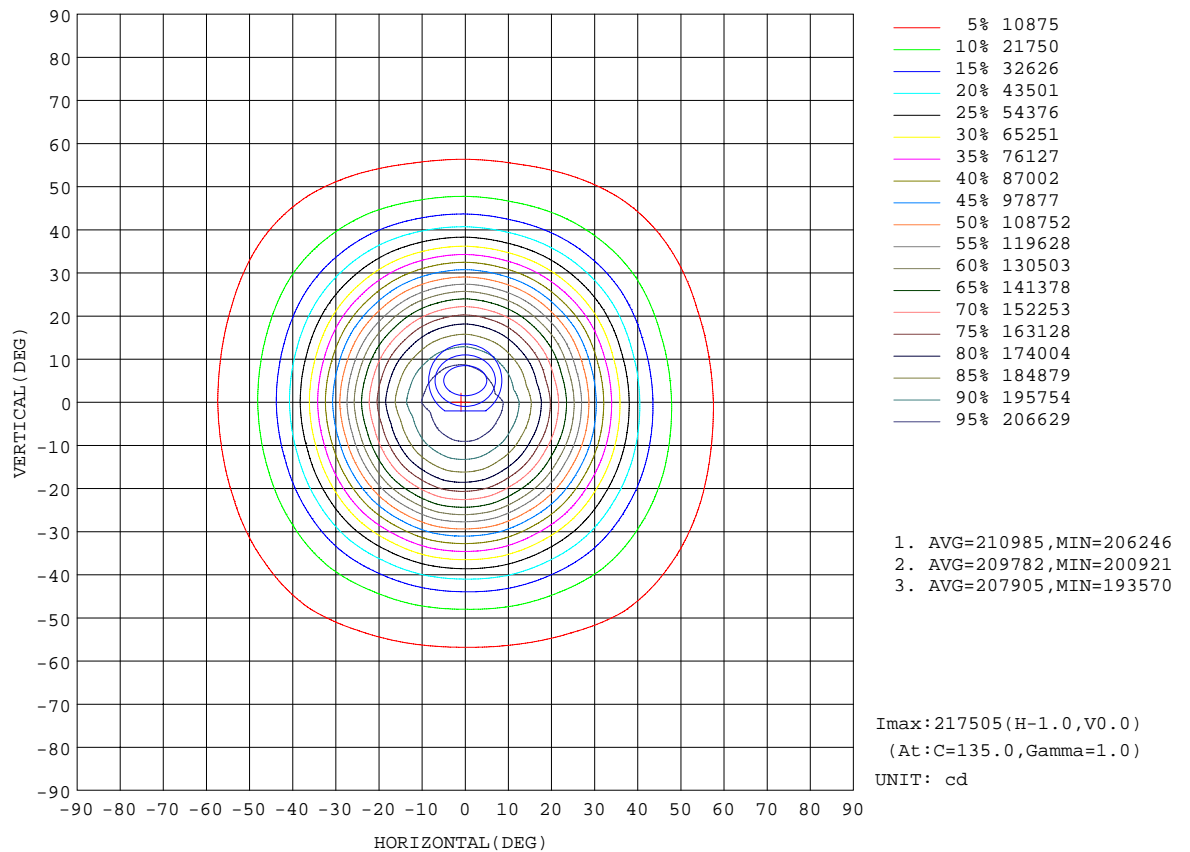
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	2013	2027	2051	2057	2046	2039	2042	2028	0- 10	20011	20011	9.06,9.06
20	1599	1620	1671	1670	1639	1625	1649	1624	10- 20	52182	72194	32.7,32.7
30	991.7	1009	1050	1041	1017	1006	1028	1005	20- 30	60920	133114	60.3,60.3
40	449.3	468.2	479.8	469.2	460.3	464.6	464.5	448.4	30- 40	44603	177717	80.4,80.4
50	178.6	188.7	180.7	182.7	182.2	184.0	176.1	174.5	40- 50	22811	200528	90.8,90.8
60	90.65	94.40	85.81	90.27	89.17	89.54	83.02	87.27	50- 60	11369	211897	95.9,95.9
70	40.23	40.75	37.17	38.81	38.70	37.65	35.76	37.80	60- 70	5974	217871	98.6,98.6
80	13.64	13.48	12.55	12.68	12.60	11.96	12.00	12.40	70- 80	2533	220404	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	524.3	220928	100,100
100	0	0	0	0	0	0	0	0	90-100	0	220928	100,100
110	0	0	0	0	0	0	0	0	100-110	0	220928	100,100
120	0	0	0	0	0	0	0	0	110-120	0	220928	100,100
130	0	0	0	0	0	0	0	0	120-130	0	220928	100,100
140	0	0	0	0	0	0	0	0	130-140	0	220928	100,100
150	0	0	0	0	0	0	0	0	140-150	0	220928	100,100
160	0	0	0	0	0	0	0	0	150-160	0	220928	100,100
170	0	0	0	0	0	0	0	0	160-170	0	220928	100,100
180	0	0	0	0	0	0	0	0	170-180	0	220928	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:2025-6-1

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:

ISOCANDELA DIAGRAM

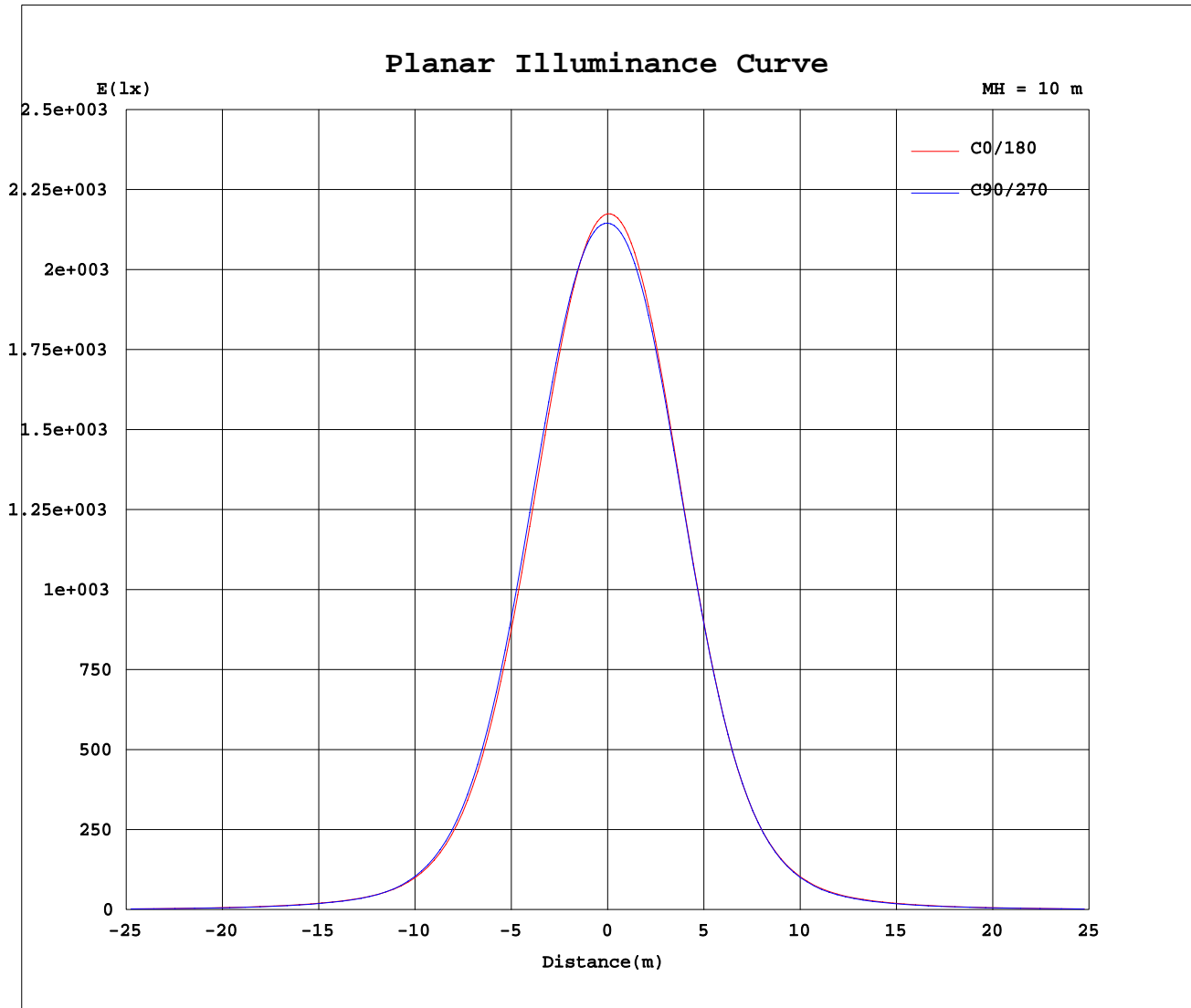
Test:U:218.9V I:5.475A P:1196W PF:0.9981 Freq:50.00Hz Lamp Flux:220928x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



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



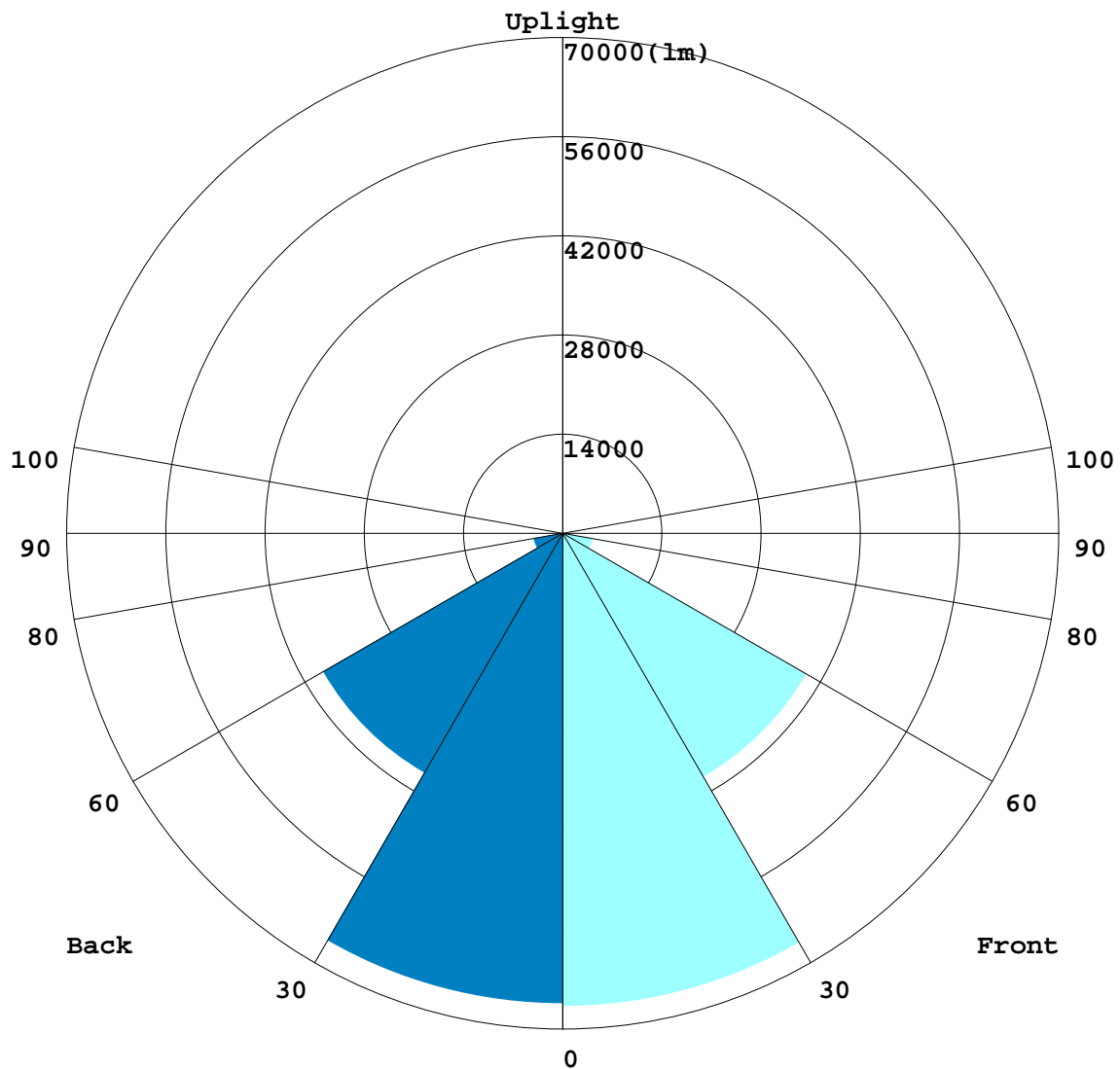
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-6-1

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:218.9V I:5.475A P:1196W PF:0.9981 Freq:50.00Hz Lamp Flux:220928x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-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:218.9V I:5.475A P:1196W PF:0.9981 Freq:50.00Hz Lamp Flux:220928x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-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)	66750	30.2
FM - Front-Medium(30-60)	39726	18.0
FH - Front-High(60-80)	4337.2	2.0
FVH - Front-Very High(80-90)	273.5	0.1
Total Forward Light	1.1109e+005	50.3

BL - Back-Low(0-30)	66364	30.0
BM - Back-Medium(30-60)	39057	17.7
BH - Back-High(60-80)	4170.3	1.9
BVH - Back-Very High(80-90)	250.77	0.1
Total Back Light	1.0984e+005	49.7

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	1.0984e+005	0	1.0984e+005
Street Side	1.1109e+005	0	1.1109e+005

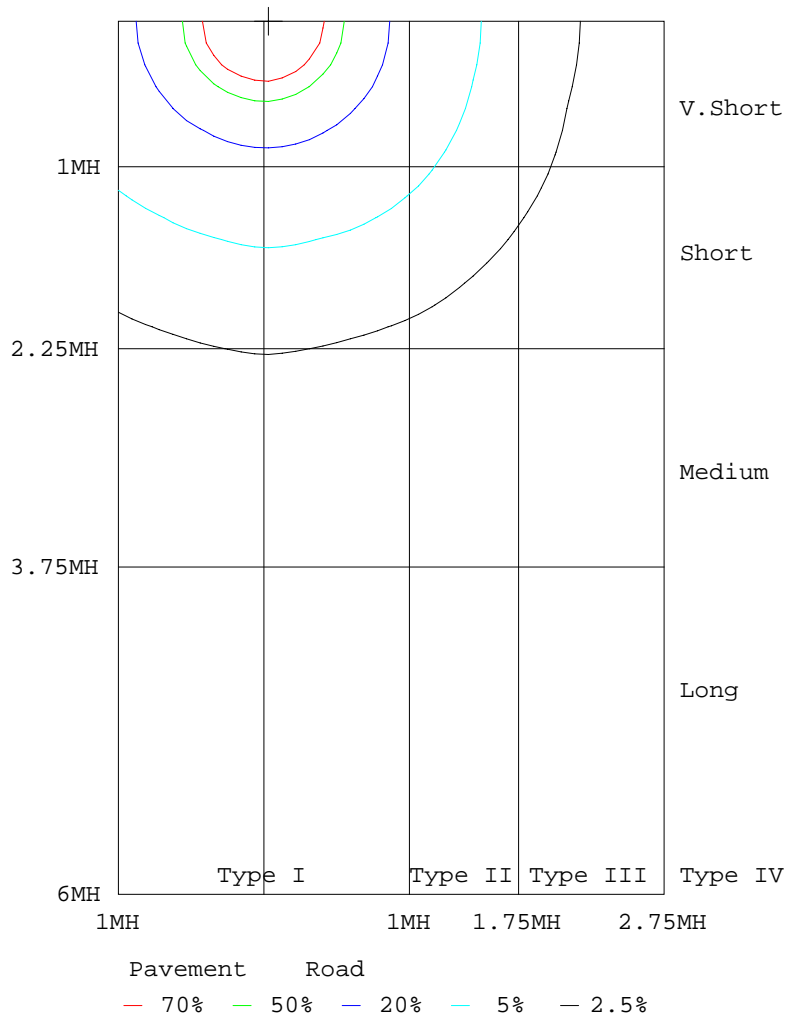
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-6-1

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:218.9V I:5.475A P:1196W PF:0.9981 Freq:50.00Hz Lamp Flux:220928x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-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:218.9V I:5.475A P:1196W PF:0.9981 Freq:50.00Hz Lamp Flux:220928x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-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	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150
5	2114	2116	2117	2121	2124	2128	2130	2133	2133	2134	2132	2131	2131	2129	2129	2127	2127	2125	2125
10	2013	2016	2018	2027	2034	2046	2051	2058	2057	2057	2050	2047	2046	2041	2042	2039	2042	2041	2042
15	1841	1844	1845	1860	1870	1891	1900	1910	1906	1905	1891	1884	1882	1873	1876	1872	1878	1879	1884
20	1599	1603	1602	1620	1632	1660	1671	1683	1672	1670	1652	1643	1639	1627	1631	1625	1636	1639	1649
25	1306	1311	1307	1326	1336	1367	1376	1388	1375	1372	1350	1342	1339	1325	1331	1323	1339	1341	1352
30	992	996	992	1009	1017	1044	1050	1059	1044	1041	1022	1016	1017	1005	1012	1006	1019	1021	1028
35	693	698	697	711	718	737	740	743	728	726	712	707	708	704	710	708	716	716	720
40	449	456	456	468	473	483	480	480	469	469	458	456	460	459	465	465	470	466	464
45	279	286	287	295	293	298	294	294	287	289	282	282	288	288	292	291	291	287	286
50	179	185	185	189	184	185	181	183	180	183	178	179	182	183	186	184	182	176	176
55	127	130	129	131	126	125	125	125	126	126	123	124	127	126	128	127	124	120	120
60	90.7	92.3	92.2	94.4	89.4	87.2	85.8	87.1	87.6	90.3	86.7	87.0	89.2	87.9	89.8	89.5	86.6	82.3	83.0
65	62.0	63.2	62.8	63.7	60.5	59.0	57.6	58.9	59.5	60.6	58.6	58.9	60.2	58.9	60.2	59.3	57.7	54.8	55.5
70	40.2	40.7	40.1	40.7	38.5	37.8	37.2	37.9	37.9	38.8	37.3	37.8	38.7	37.5	38.0	37.7	36.5	34.9	35.8
75	25.2	25.4	24.6	25.1	23.7	23.5	23.2	23.6	23.4	23.9	22.9	23.4	24.0	23.0	23.3	23.0	22.5	21.7	22.5
80	13.6	13.7	13.1	13.5	12.7	12.6	12.5	12.6	12.4	12.7	11.9	12.2	12.6	12.0	12.0	12.0	11.7	11.4	12.0
85	4.59	4.74	4.44	4.65	4.20	4.38	4.26	4.31	3.95	4.08	3.64	3.77	3.85	3.47	3.71	3.58	3.85	3.58	3.95
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:218.9V I:5.475A P:1196W PF:0.9981 Freq:50.00Hz Lamp Flux:220928x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-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	2150	2150	2150	2150	2150														
5	2122	2122	2119	2118	2116														
10	2037	2035	2028	2025	2018														
15	1877	1874	1864	1860	1849														
20	1639	1636	1624	1621	1607														
25	1341	1341	1327	1328	1312														
30	1017	1015	1005	1009	997														
35	707	704	698	703	695														
40	454	452	448	451	447														
45	278	280	276	281	276														
50	173	174	175	176	174														
55	118	120	122	122	123														
60	82.4	85.4	87.3	87.3	86.8														
65	55.5	58.1	58.9	59.5	59.5														
70	35.6	37.1	37.8	38.1	38.3														
75	22.2	23.0	23.3	23.6	23.8														
80	11.8	12.2	12.4	12.5	12.7														
85	3.73	3.98	4.02	4.23	4.22														
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: