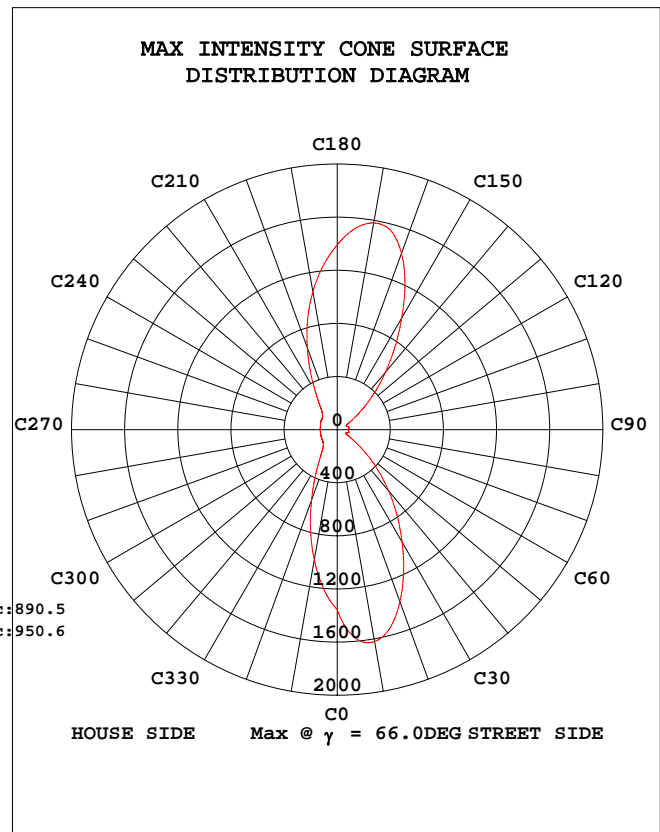
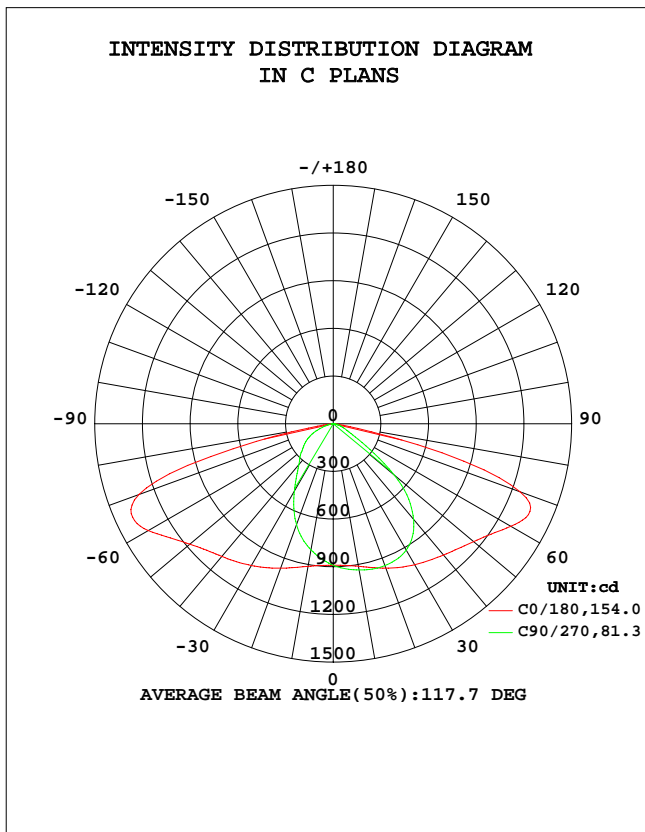


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.0924A P:19.81W PF:0.9772 Freq:50.01Hz Lamp Flux:3295.12x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-20WILE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 166.36 lm/W			
MODEL	3030	I _{max} (cd)	1555	η street_up(%)	0.0
NOMINAL POWER(W)	20	LOR(%)	100.0	η street_down(%)	60.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	3295	η house_up(%)	0.0
NOMINAL FLUX(lm)	3295.12	MAXIMUM @(C,γ)	165,66.0	η house_down(%)	40.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	18.301

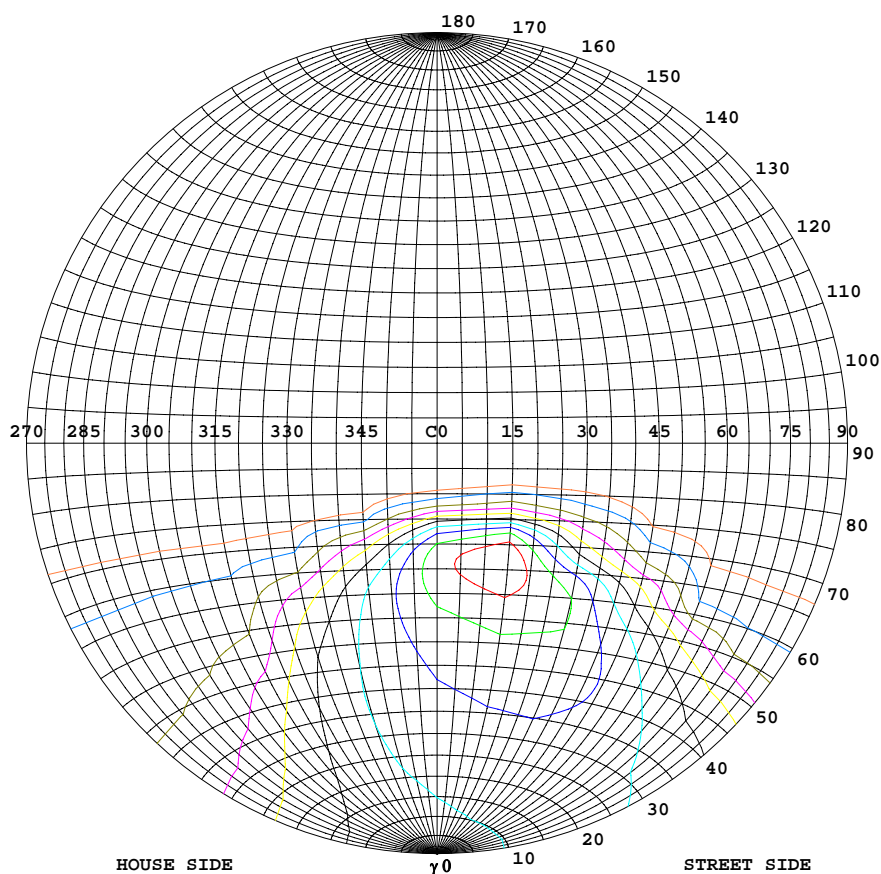


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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:219.3V I:0.0924A P:19.81W PF:0.9772 Freq:50.01Hz Lamp Flux:3295.12x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-20WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



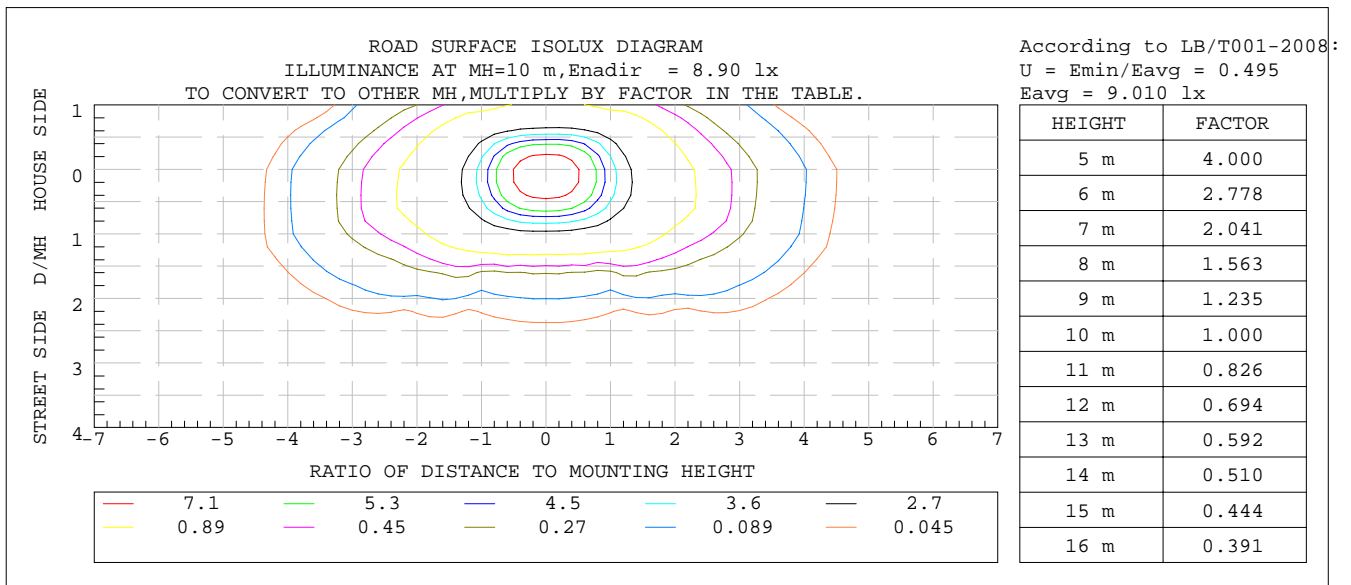
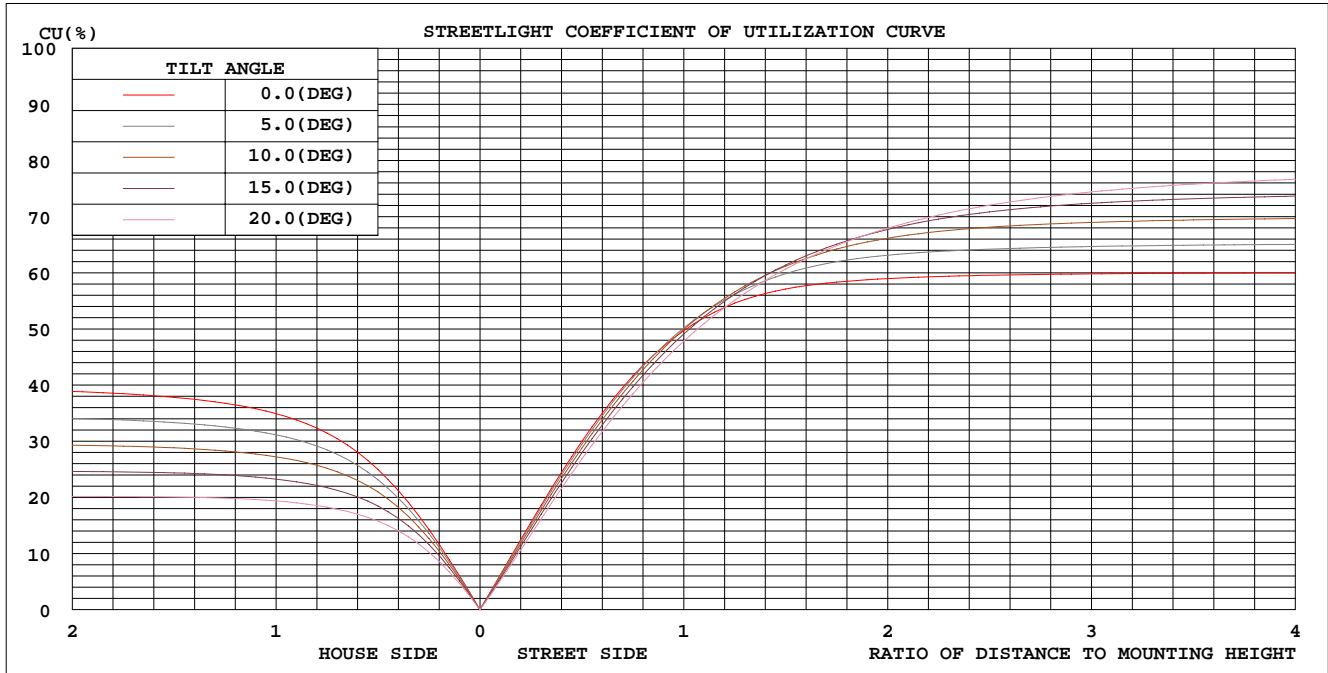
Classification:

IES:Type II - Short
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:67.79cd/klm
Max.At90:0cd/klm
Max.80-90:67.79cd/klm
NRB 5101:Semi limited[20.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1555
90%	1399
80%	1244
70%	1088
60%	933
50%	777
40%	622
30%	466
20%	311
10%	155
5%	78

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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: 2024-12-11

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:219.3V I:0.0924A P:19.81W PF:0.9772 Freq:50.01Hz Lamp Flux:3295.12x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-20WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

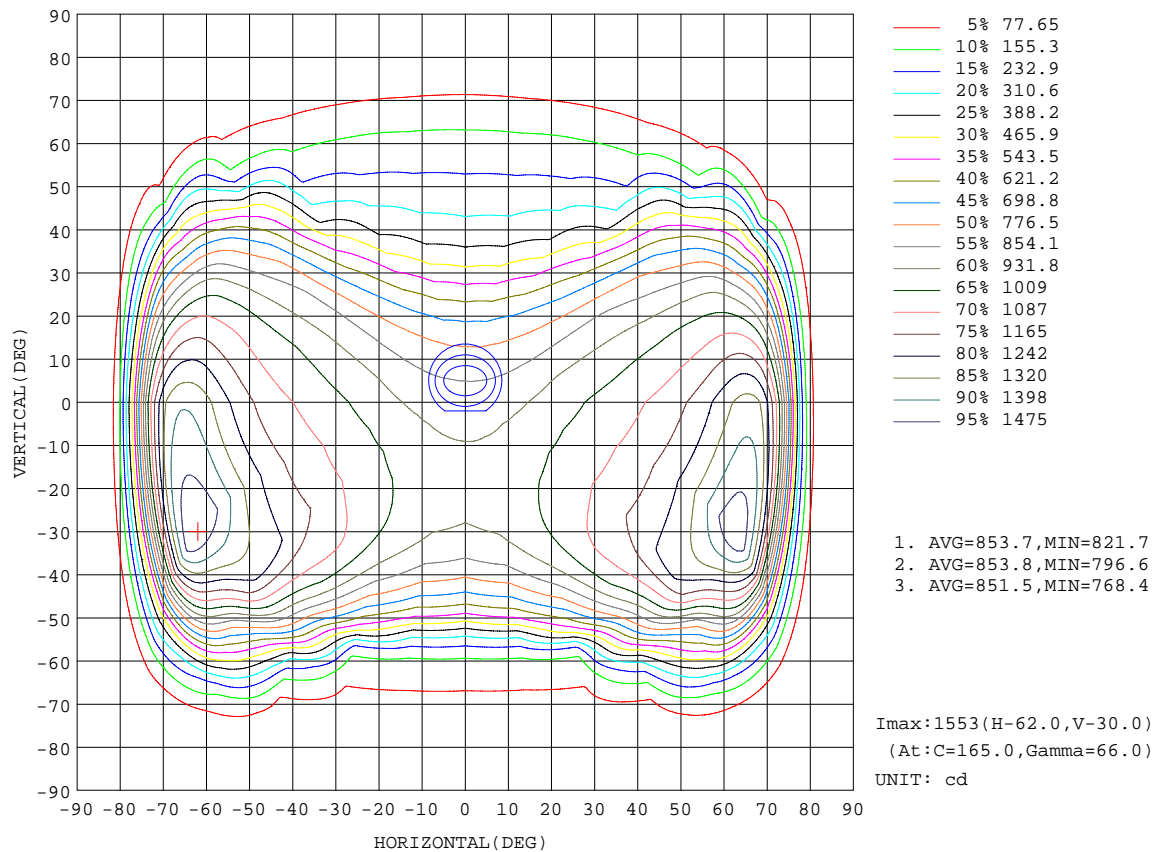
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	910.7	934.0	933.7	935.5	911.1	846.1	805.9	842.1	0- 10	84.93	84.93	2.58,2.58
20	967.1	986.8	950.0	986.2	967.4	806.6	676.3	793.5	10- 20	252.6	337.5	10.2,10.2
30	1024	1037	918.2	1039	1031	745.3	490.8	722.0	20- 30	409.4	746.9	22.7,22.7
40	1079	1079	786.8	1081	1090	630.8	337.2	597.7	30- 40	537.5	1284	39,39
50	1154	1043	497.9	1037	1179	427.8	253.6	387.9	40- 50	620.1	1905	57.8,57.8
60	1291	767.8	142.3	759.4	1344	235.0	183.7	224.9	50- 60	624.7	2529	76.8,76.8
70	1251	219.6	60.87	192.0	1300	104.1	89.49	95.43	60- 70	523.7	3053	92.6,92.6
80	110.3	24.53	16.43	26.94	158.0	20.88	19.66	18.12	70- 80	228.0	3281	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	14.25	3295	100,100
100	0	0	0	0	0	0	0	0	90-100	0	3295	100,100
110	0	0	0	0	0	0	0	0	100-110	0	3295	100,100
120	0	0	0	0	0	0	0	0	110-120	0	3295	100,100
130	0	0	0	0	0	0	0	0	120-130	0	3295	100,100
140	0	0	0	0	0	0	0	0	130-140	0	3295	100,100
150	0	0	0	0	0	0	0	0	140-150	0	3295	100,100
160	0	0	0	0	0	0	0	0	150-160	0	3295	100,100
170	0	0	0	0	0	0	0	0	160-170	0	3295	100,100
180	0	0	0	0	0	0	0	0	170-180	0	3295	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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

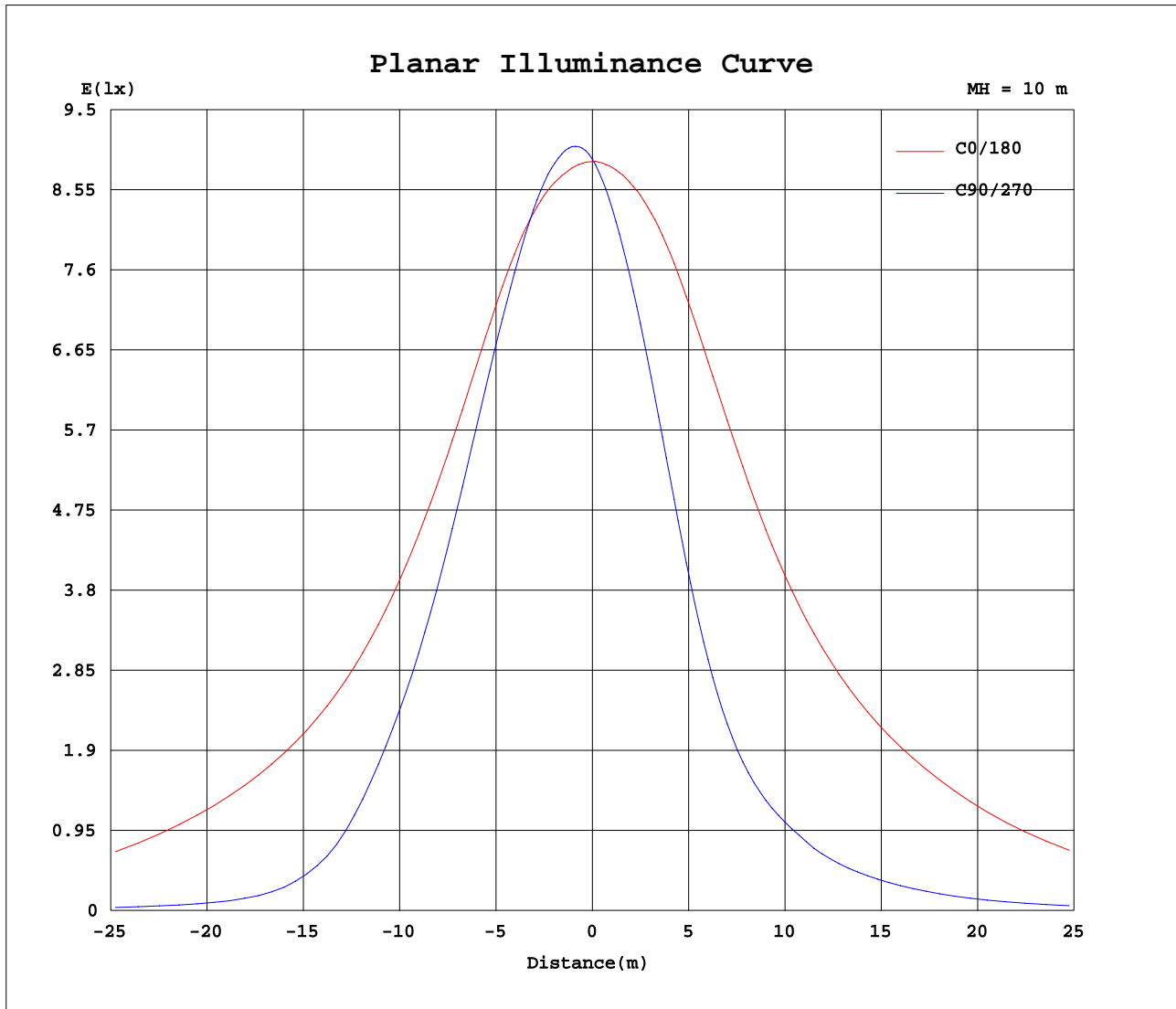
Test:U:219.3V I:0.0924A P:19.81W PF:0.9772 Freq:50.01Hz Lamp Flux:3295.12x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-20WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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



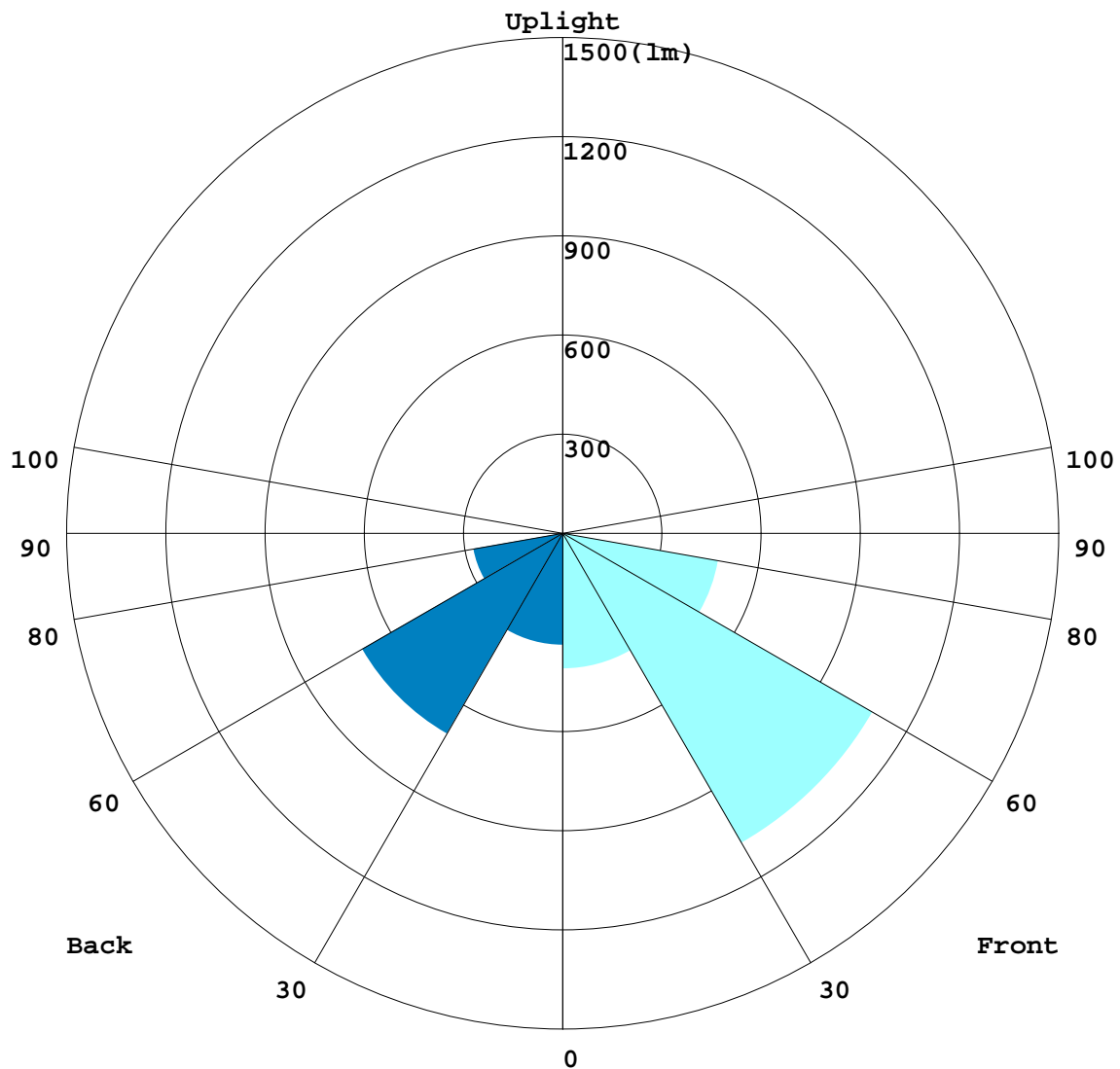
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-11

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:219.3V I:0.0924A P:19.81W PF:0.9772 Freq:50.01Hz Lamp Flux:3295.12x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-20WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	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:2024-12-11

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:219.3V I:0.0924A P:19.81W PF:0.9772 Freq:50.01Hz Lamp Flux:3295.12x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-20WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	409.25	12.4
FM - Front-Medium(30-60)	1081.8	32.8
FH - Front-High(60-80)	477.44	14.5
FVH - Front-Very High(80-90)	9.004	0.3
Total Forward Light	1977.5	60.0

BL - Back-Low(0-30)	337.7	10.2
BM - Back-Medium(30-60)	700.44	21.3
BH - Back-High(60-80)	274.26	8.3
BVH - Back-Very High(80-90)	5.2488	0.2
Total Back Light	1317.6	40.0

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	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1317.6	0	1317.6
Street Side	1977.5	0	1977.5

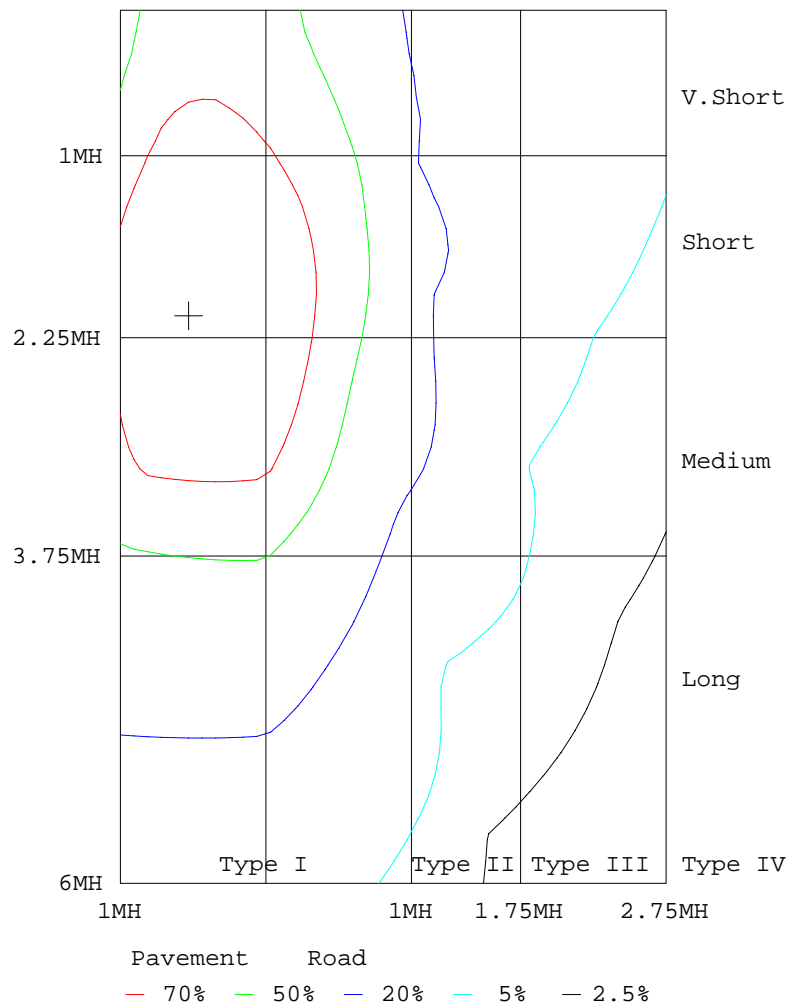
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-11

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:219.3V I:0.0924A P:19.81W PF:0.9772 Freq:50.01Hz Lamp Flux:3295.12x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-20WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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:219.3V I:0.0924A P:19.81W PF:0.9772 Freq:50.01Hz Lamp Flux:3295.12x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-20WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890
5	895	903	909	912	914	915	916	916	915	913	908	903	895	887	877	868	860	854	853
10	911	923	932	934	933	934	934	935	936	936	932	924	911	892	869	846	826	811	806
15	936	953	961	959	953	948	947	950	955	959	961	954	936	907	867	827	789	760	749
20	967	986	992	987	969	955	950	957	970	986	994	989	967	928	871	807	743	693	676
25	997	1019	1025	1011	981	952	942	953	981	1013	1029	1024	999	951	876	780	685	612	587
30	1024	1049	1056	1037	987	940	918	938	987	1039	1063	1058	1031	972	881	745	611	520	491
35	1050	1080	1089	1062	982	902	869	899	977	1064	1098	1093	1060	992	881	697	526	430	403
40	1079	1116	1126	1079	951	832	787	827	941	1081	1141	1130	1090	1009	870	631	437	356	337
45	1111	1160	1169	1079	881	728	673	721	867	1080	1185	1179	1126	1024	847	542	358	310	296
50	1154	1217	1214	1043	763	578	498	569	746	1037	1231	1248	1179	1038	803	428	306	265	254
55	1212	1299	1249	943	590	334	282	327	565	929	1269	1344	1252	1044	726	318	249	225	219
60	1291	1415	1243	768	254	158	142	159	236	759	1248	1460	1344	1017	603	235	203	188	184
65	1355	1533	1054	519	110	93.5	89.1	94.1	109	487	1038	1549	1392	906	387	170	152	142	139
70	1251	1438	697	220	69.8	63.3	60.9	63.9	69.6	192	705	1436	1300	627	154	104	96.7	89.5	89.5
75	708	824	370	71.8	40.8	38.1	36.5	39.0	42.3	67.0	378	820	797	236	70.7	53.1	50.7	47.4	46.9
80	110	179	98.2	24.5	18.2	17.4	16.4	18.1	19.6	26.9	102	223	158	42.7	27.0	20.9	21.0	20.2	19.7
85	8.45	13.0	10.2	5.07	3.89	3.83	3.43	4.14	4.58	6.45	11.8	19.3	15.5	9.02	6.37	4.93	5.12	4.59	4.17
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:2024-12-11

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:219.3V I:0.0924A P:19.81W PF:0.9772 Freq:50.01Hz Lamp Flux:3295.12x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-20WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	890	890	890	890	890														
5	853	859	866	875	886														
10	808	823	842	865	891														
15	757	782	819	862	905														
20	689	733	793	861	925														
25	605	671	764	863	944														
30	511	594	722	861	961														
35	422	508	669	856	975														
40	349	417	598	839	988														
45	304	346	506	806	995														
50	260	297	388	754	1000														
55	222	239	300	671	992														
60	185	197	225	545	956														
65	139	146	162	317	824														
70	87.6	91.8	95.4	131	548														
75	45.9	47.0	45.8	57.4	121														
80	19.6	19.5	18.1	21.3	29.5														
85	4.11	4.16	3.71	4.39	5.44														
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:2024-12-11

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: