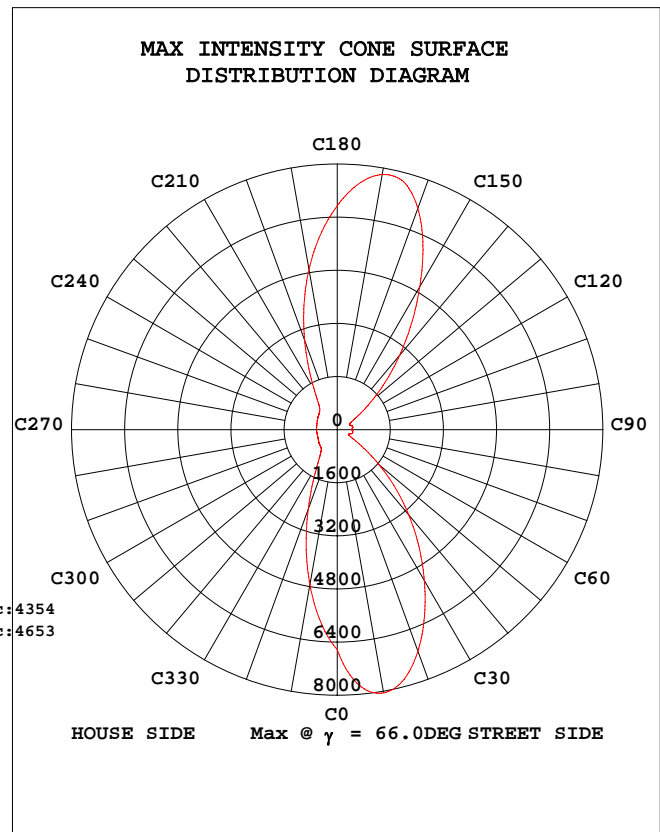
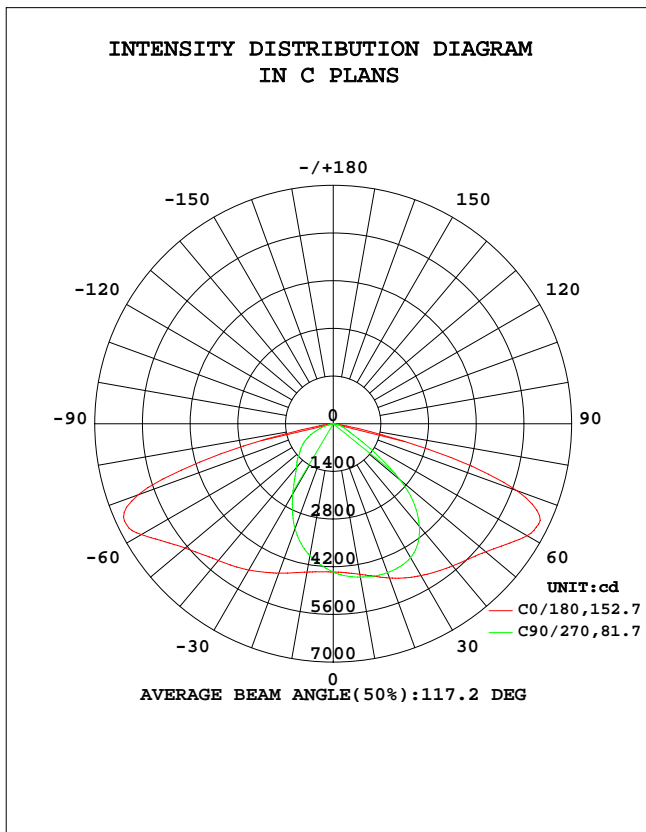


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.5697A P:121.7W PF:0.9739 Freq:50.01Hz Lamp Flux:16240.4x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-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: 133.48 lm/W			
MODEL	3030	I _{max} (cd)	7785	η street_up(%)	0.0
NOMINAL POWER(W)	120	LOR(%)	100.0	η street_down(%)	60.8
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	16240	η house_up(%)	0.0
NOMINAL FLUX(lm)	16240.4	MAXIMUM @(C,γ)	15,66.0	η house_down(%)	39.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.090

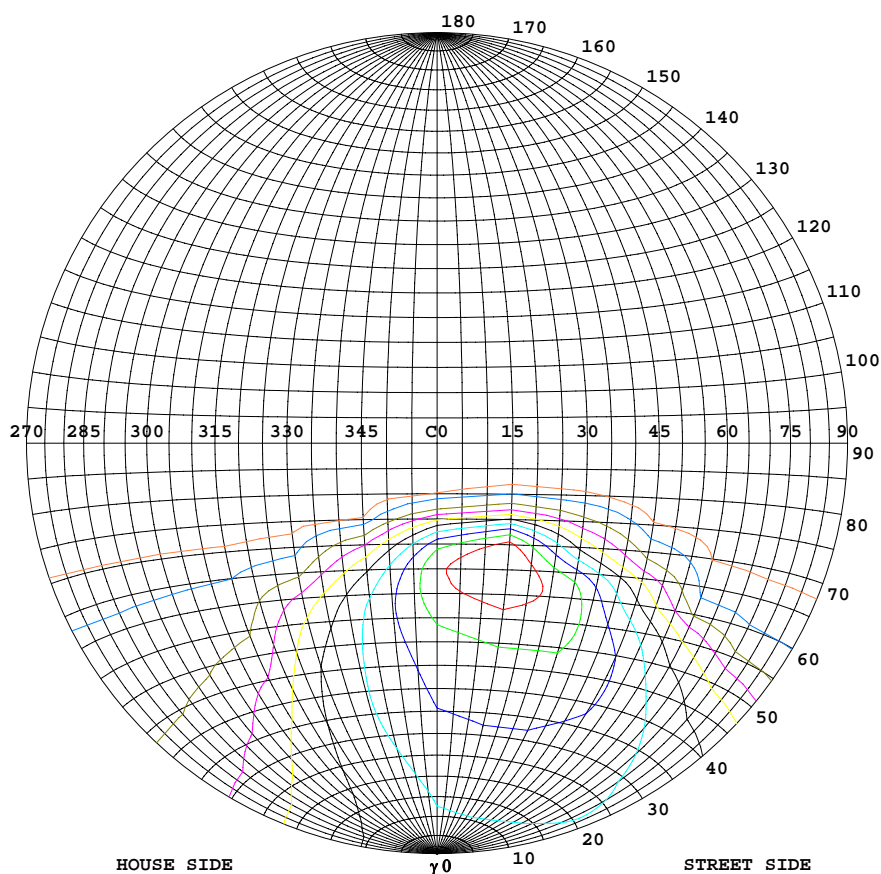


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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:0.5697A P:121.7W PF:0.9739 Freq:50.01Hz Lamp Flux:16240.4x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



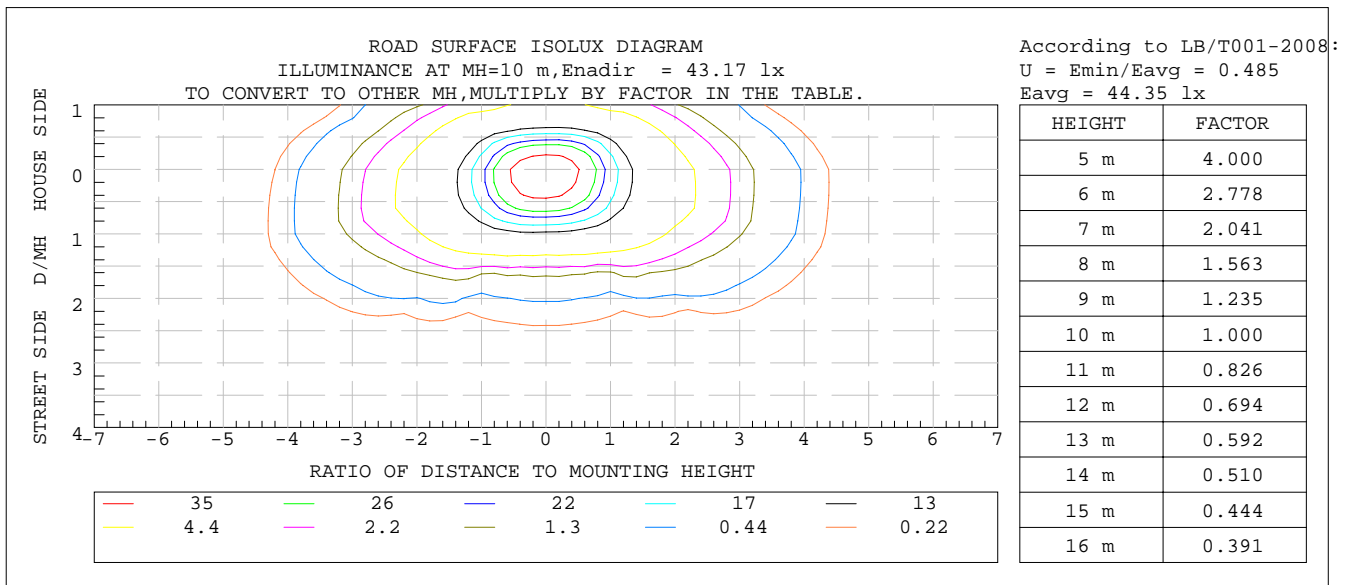
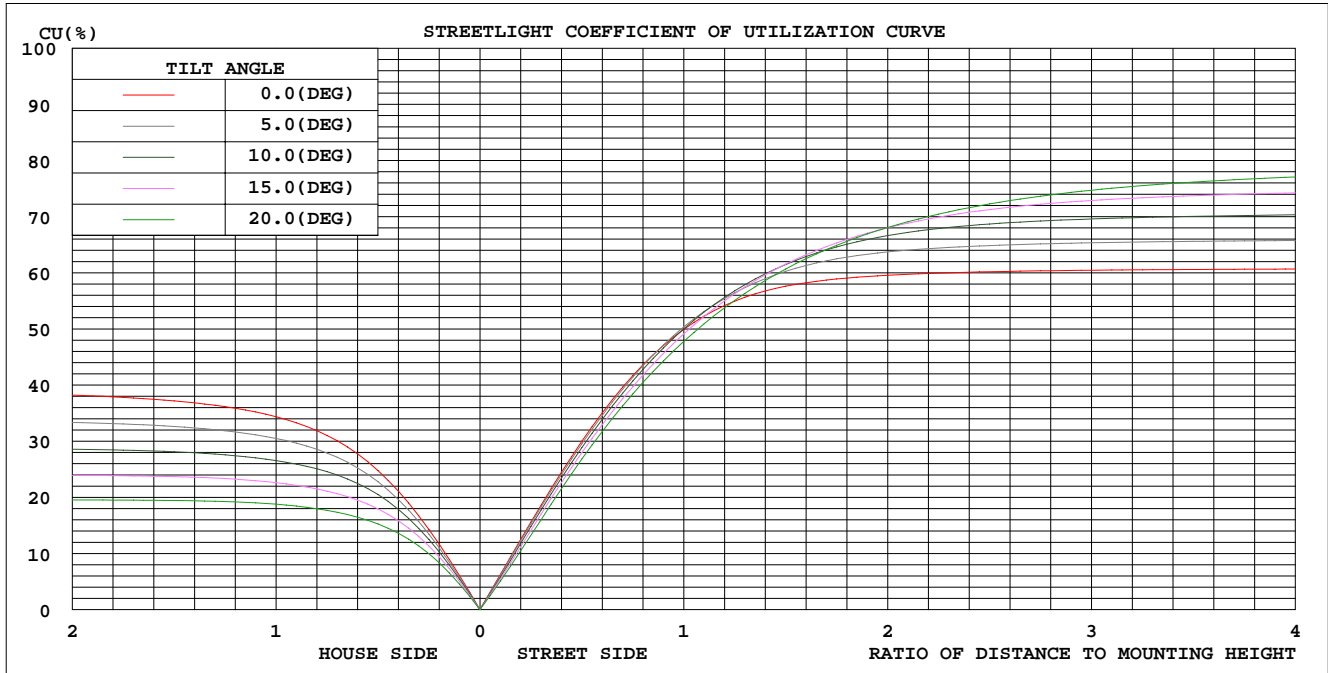
Classification:

IES:Type II - Short
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:53.57cd/klm
Max.At90:0cd/klm
Max.80-90:53.57cd/klm
NRB 5101:Semi limited[18.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7785
90%	7006
80%	6228
70%	5449
60%	4671
50%	3892
40%	3114
30%	2335
20%	1557
10%	778
5%	389

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:0.5697A P:121.7W PF:0.9739 Freq:50.01Hz Lamp Flux:16240.4x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

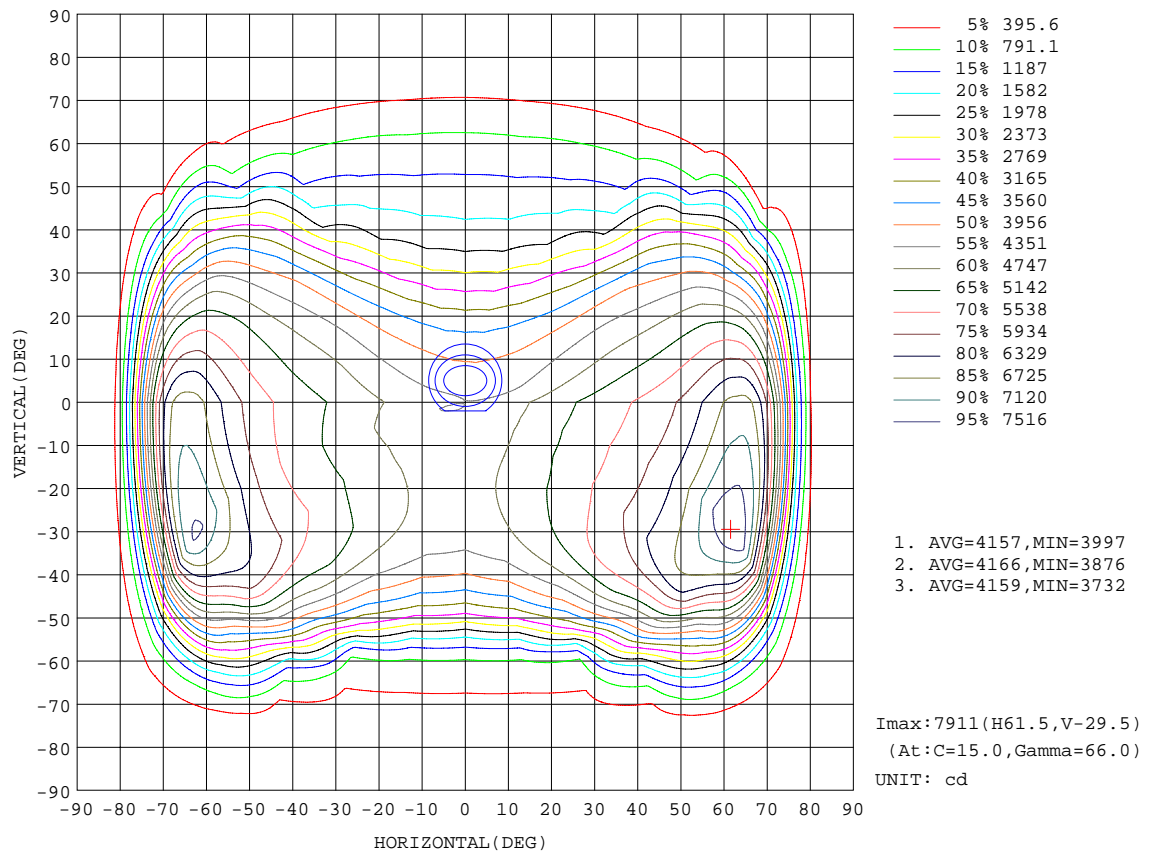
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	4487	4600	4571	4557	4424	4117	3938	4141	0- 10	415.5	415.5	2.56,2.56
20	4820	4889	4653	4777	4668	3900	3281	3907	10- 20	1236	1652	10.2,10.2
30	5149	5186	4540	5023	4959	3564	2381	3526	20- 30	2005	3657	22.5,22.5
40	5450	5457	3935	5239	5244	2980	1682	2890	30- 40	2644	6301	38.8,38.8
50	5848	5398	2567	5091	5679	2012	1278	1885	40- 50	3071	9371	57.7,57.7
60	6574	4070	760.8	3780	6509	1157	911.3	1118	50- 60	3130	12502	77,77
70	5732	1249	327.5	1024	6085	498.2	426.3	452.1	60- 70	2602	15104	93,93
80	402.1	140.9	96.14	145.6	609.0	92.40	85.79	84.10	70- 80	1064	16168	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	72.09	16240	100,100
100	0	0	0	0	0	0	0	0	90-100	0	16240	100,100
110	0	0	0	0	0	0	0	0	100-110	0	16240	100,100
120	0	0	0	0	0	0	0	0	110-120	0	16240	100,100
130	0	0	0	0	0	0	0	0	120-130	0	16240	100,100
140	0	0	0	0	0	0	0	0	130-140	0	16240	100,100
150	0	0	0	0	0	0	0	0	140-150	0	16240	100,100
160	0	0	0	0	0	0	0	0	150-160	0	16240	100,100
170	0	0	0	0	0	0	0	0	160-170	0	16240	100,100
180	0	0	0	0	0	0	0	0	170-180	0	16240	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
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

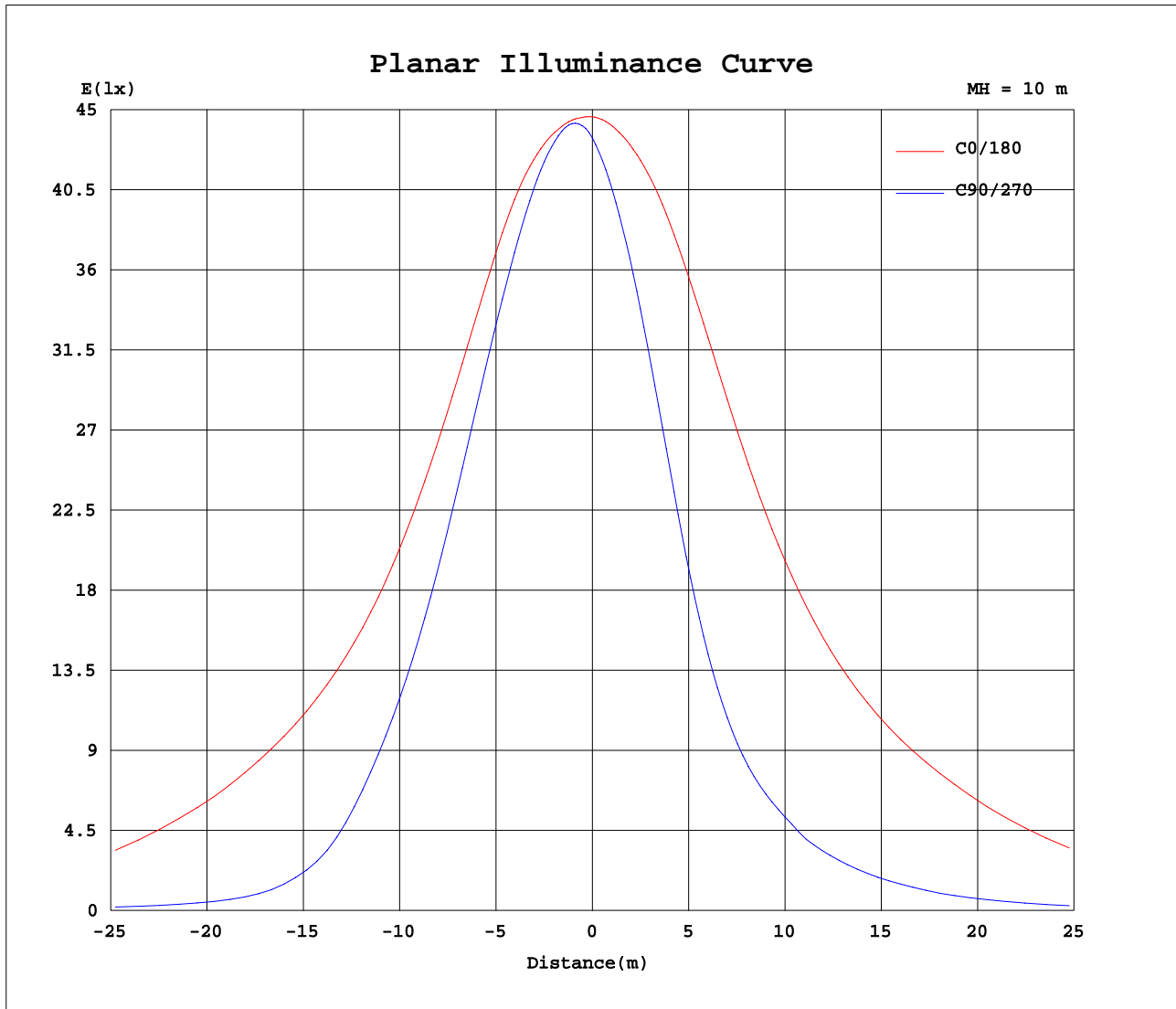
Test:U:219.3V I:0.5697A P:121.7W PF:0.9739 Freq:50.01Hz Lamp Flux:16240.4x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



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



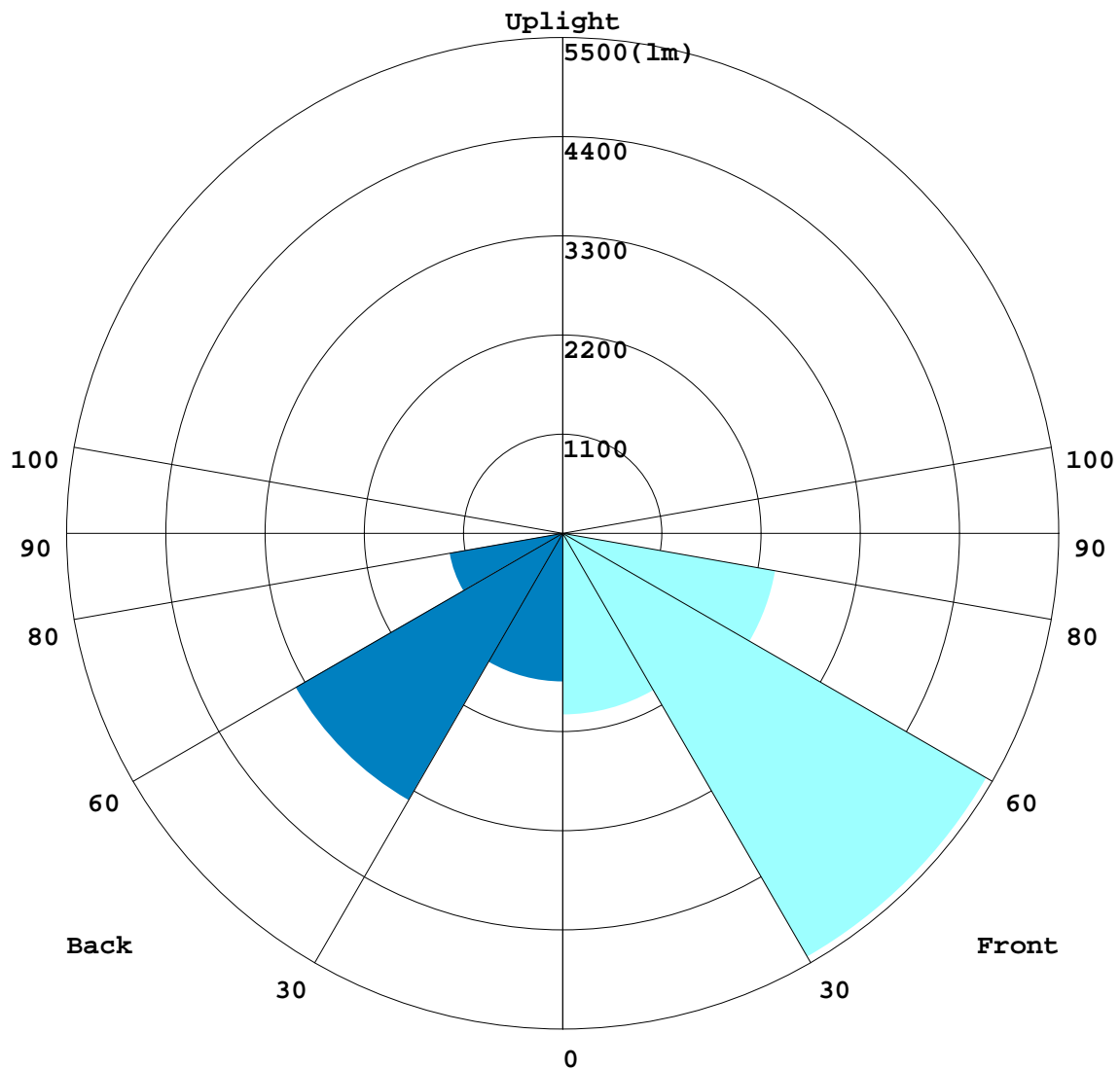
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-11

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:0.5697A P:121.7W PF:0.9739 Freq:50.01Hz Lamp Flux:16240.4x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-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:0.5697A P:121.7W PF:0.9739 Freq:50.01Hz Lamp Flux:16240.4x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-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)	2011.1	12.4
FM - Front-Medium(30-60)	5425.4	33.4
FH - Front-High(60-80)	2394.5	14.7
FVH - Front-Very High(80-90)	47.606	0.3
Total Forward Light	9878.6	60.8

BL - Back-Low(0-30)	1645.7	10.1
BM - Back-Medium(30-60)	3419.3	21.1
BH - Back-High(60-80)	1272.3	7.8
BVH - Back-Very High(80-90)	24.481	0.2
Total Back Light	6361.8	39.2

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	B3-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6361.8	0	6361.8
Street Side	9878.6	0	9878.6

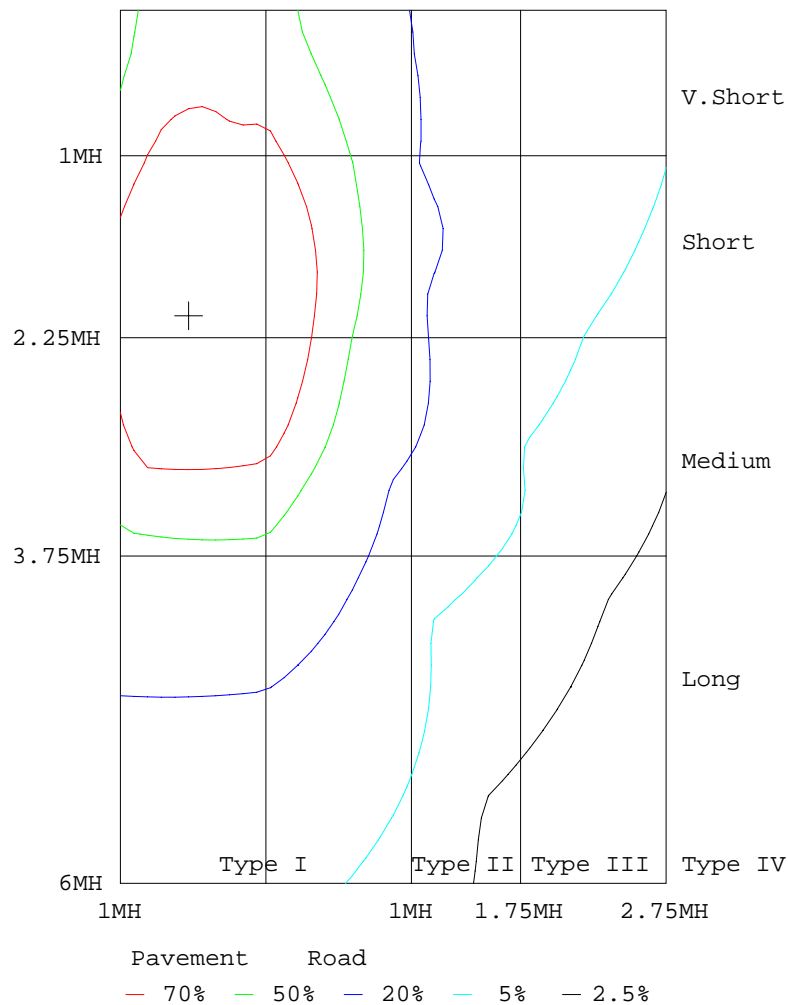
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-11

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:0.5697A P:121.7W PF:0.9739 Freq:50.01Hz Lamp Flux:16240.4x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-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:0.5697A P:121.7W PF:0.9739 Freq:50.01Hz Lamp Flux:16240.4x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-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	4354	4354	4354	4354	4354	4354	4354	4354	4354	4354	4354	4354	4354	4354	4354	4354	4354	4354	4354
5	4392	4430	4457	4474	4485	4491	4487	4485	4473	4459	4436	4404	4365	4322	4276	4230	4195	4168	4164
10	4487	4554	4592	4600	4592	4583	4571	4571	4562	4557	4536	4492	4424	4333	4223	4117	4026	3957	3938
15	4636	4729	4759	4738	4695	4657	4630	4632	4642	4659	4659	4620	4530	4391	4208	4015	3834	3692	3648
20	4820	4923	4937	4889	4793	4704	4653	4668	4712	4777	4803	4773	4668	4477	4213	3900	3596	3359	3281
25	4995	5114	5126	5038	4866	4708	4631	4664	4771	4901	4956	4929	4810	4571	4221	3752	3294	2947	2835
30	5149	5284	5304	5186	4918	4658	4540	4611	4804	5023	5114	5093	4959	4675	4229	3564	2929	2505	2381
35	5298	5451	5482	5336	4922	4506	4320	4448	4778	5143	5288	5255	5101	4769	4206	3308	2531	2091	1978
40	5450	5636	5683	5457	4802	4186	3935	4120	4629	5239	5482	5429	5244	4843	4132	2980	2115	1762	1682
45	5617	5865	5931	5503	4493	3683	3381	3610	4293	5259	5706	5651	5429	4921	3990	2561	1769	1558	1492
50	5848	6183	6212	5398	3934	2972	2567	2869	3721	5091	5955	5985	5679	4974	3747	2012	1533	1317	1278
55	6183	6658	6482	4955	3091	1798	1480	1736	2864	4603	6213	6485	6037	4980	3361	1549	1237	1130	1111
60	6574	7294	6539	4070	1445	854	761	848	1294	3780	6223	7127	6509	4807	2748	1157	1017	939	911
65	6704	7773	5636	2837	599	500	474	499	576	2470	5310	7687	6760	4117	1626	828	737	685	680
70	5732	7154	3675	1249	381	342	327	343	372	1024	3552	7053	6085	2733	697	498	463	427	426
75	2887	3911	1831	432	229	210	203	213	232	384	1803	3804	3411	875	318	237	237	222	219
80	402	780	479	141	108	102	96.1	105	113	146	449	870	609	186	124	92.4	93.1	91.0	85.8
85	51.2	80.5	81.7	35.3	26.3	25.9	22.9	27.6	30.4	41.5	89.6	112	74.1	44.8	33.6	23.9	22.1	19.0	17.9
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:0.5697A P:121.7W PF:0.9739 Freq:50.01Hz Lamp Flux:16240.4x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345													
0	4354	4354	4354	4354	4354													
5	4172	4202	4243	4293	4345													
10	3963	4038	4141	4260	4384													
15	3696	3841	4034	4253	4468													
20	3354	3587	3907	4265	4588													
25	2923	3264	3744	4286	4712													
30	2478	2881	3526	4288	4819													
35	2062	2470	3254	4259	4910													
40	1736	2038	2890	4174	4970													
45	1538	1729	2423	4000	5007													
50	1309	1496	1885	3728	5026													
55	1125	1218	1498	3286	4975													
60	925	991	1118	2596	4679													
65	671	708	784	1385	3873													
70	417	436	452	602	2354													
75	217	219	208	268	442													
80	87.4	87.3	84.1	105	143													
85	17.2	19.1	19.2	25.6	32.3													
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

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T

Humidity:65.0%

Test Distance:7.682m [K=1.0000]

Remarks: