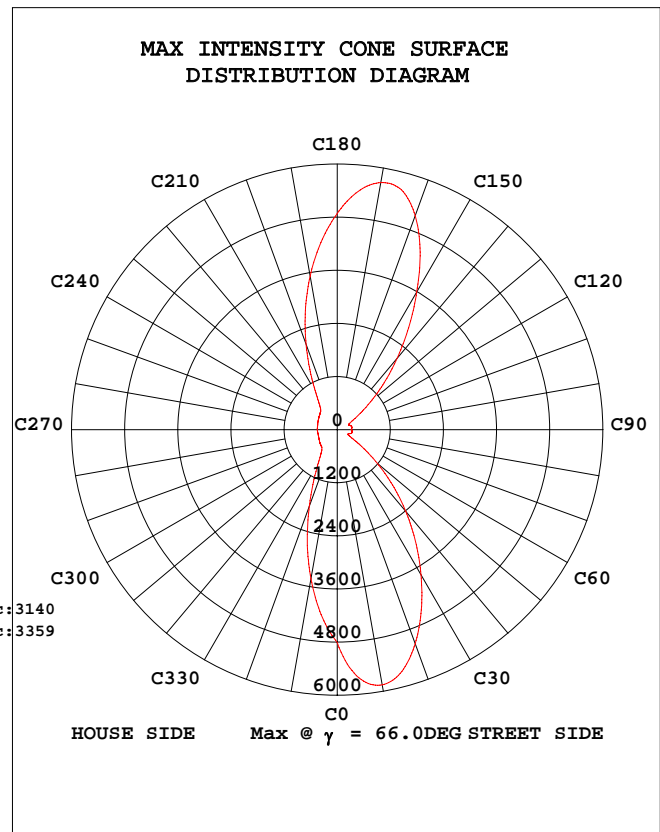
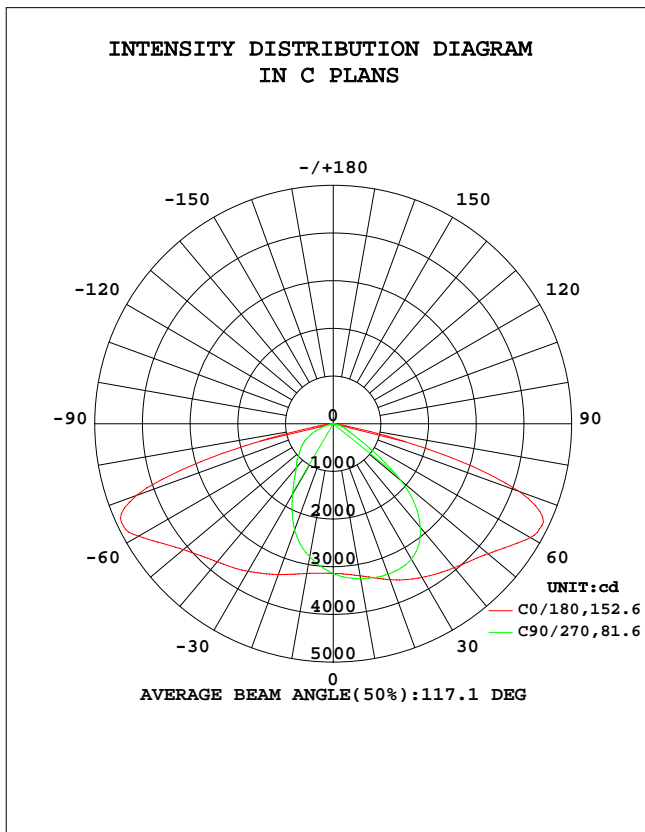


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.3778A P:81.01W PF:0.9782 Freq:50.01Hz Lamp Flux:11698.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WILE-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: 144.40 lm/W			
MODEL	3030	Imax(cd)	5653	η street_up(%)	0.0
NOMINAL POWER(W)	80	LOR(%)	100.0	η street_down(%)	60.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	11698	η house_up(%)	0.0
NOMINAL FLUX(lm)	11698.1	MAXIMUM @(C, γ)	15,66.0	η house_down(%)	39.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.520

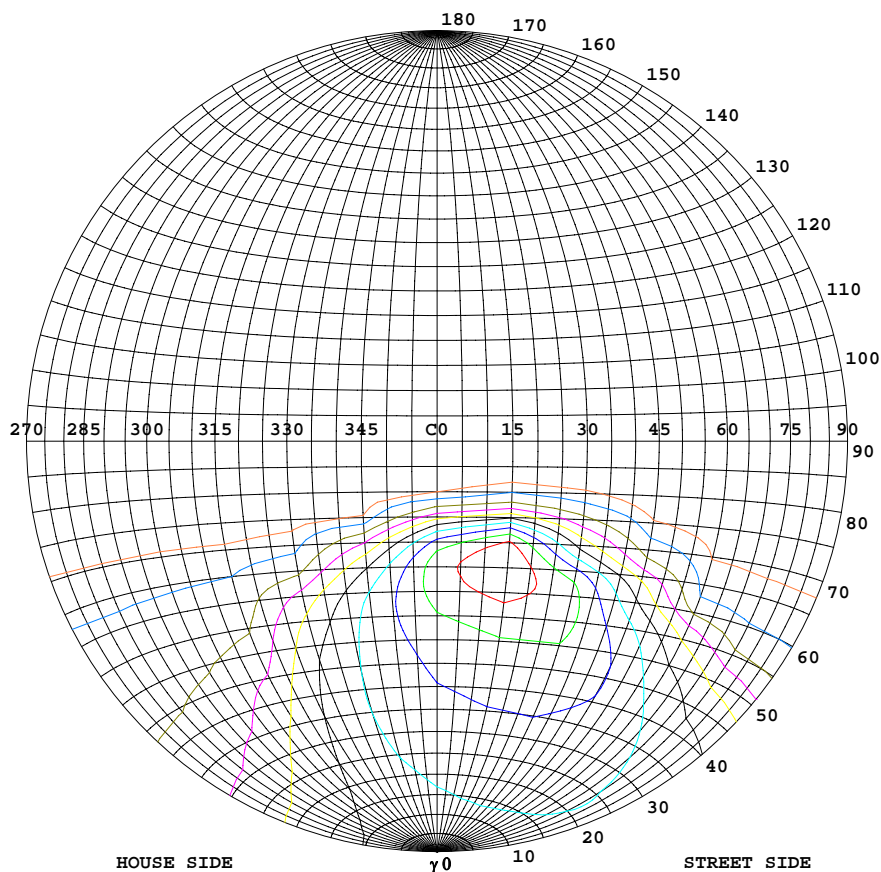


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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:219.2V I:0.3778A P:81.01W PF:0.9782 Freq:50.01Hz Lamp Flux:11698.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



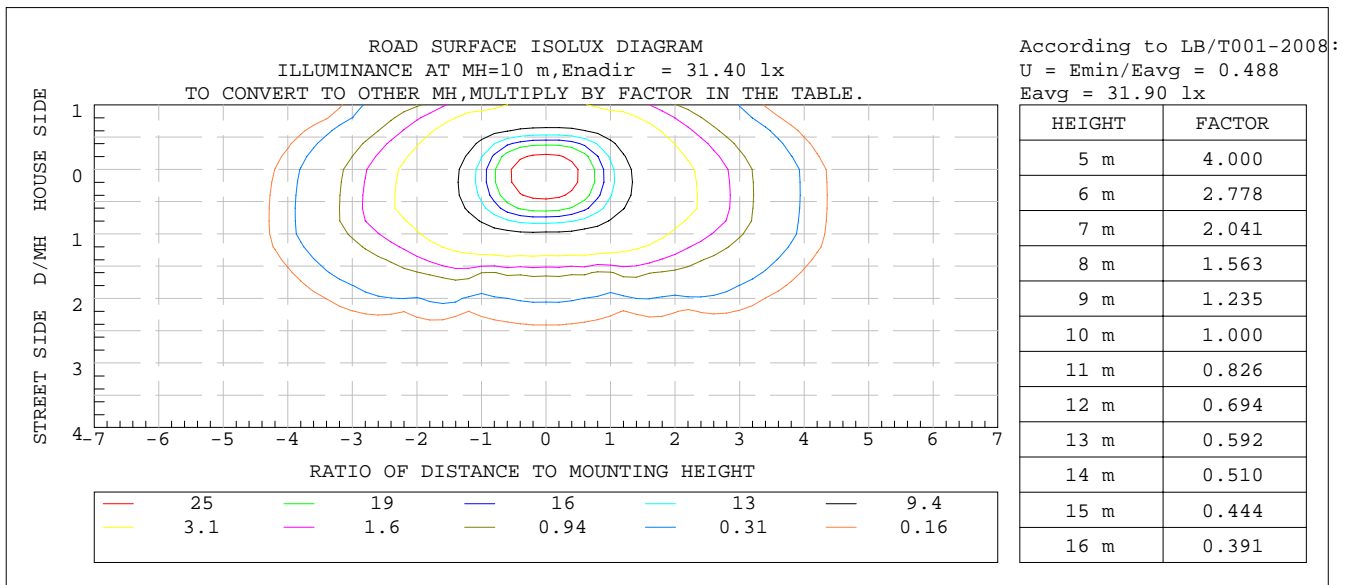
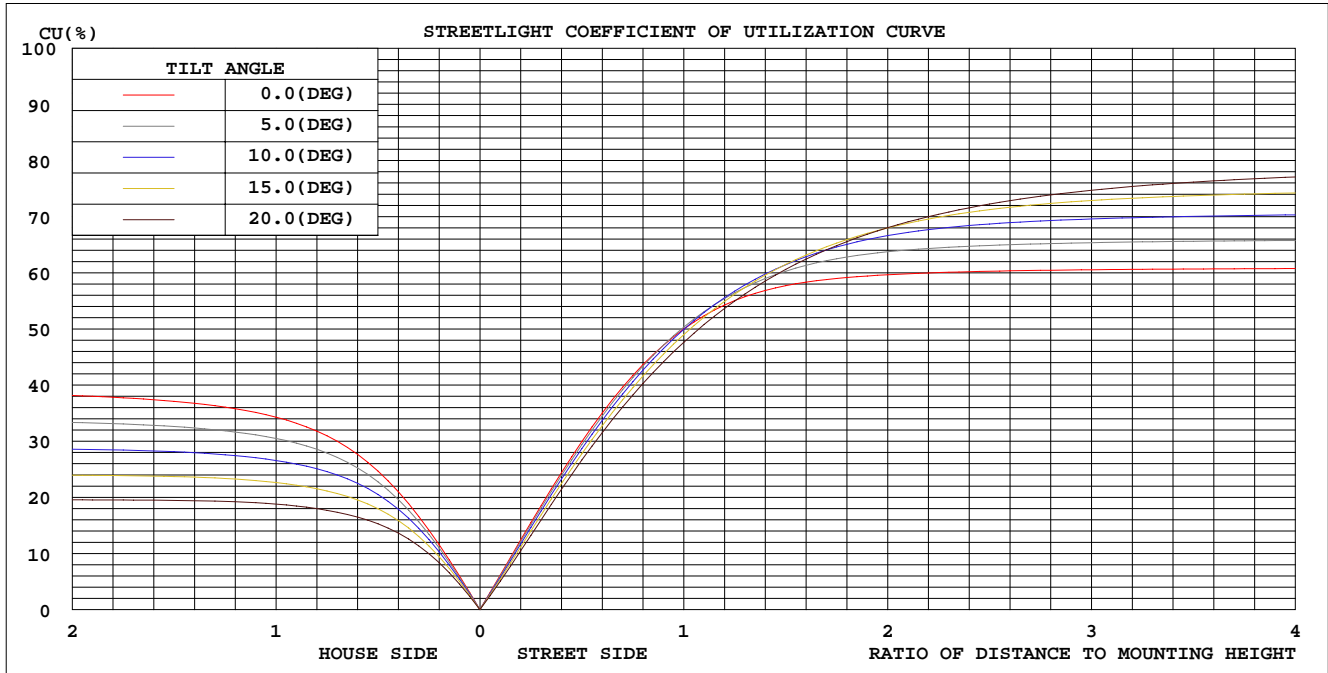
Classification:

IES:Type II - Short
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:53.44cd/klm
Max.At90:0cd/klm
Max.80-90:53.44cd/klm
NRB 5101:Semi limited[18.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5653
90%	5087
80%	4522
70%	3957
60%	3392
50%	2826
40%	2261
30%	1696
20%	1131
10%	565
5%	283

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:219.2V I:0.3778A P:81.01W PF:0.9782 Freq:50.01Hz Lamp Flux:11698.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

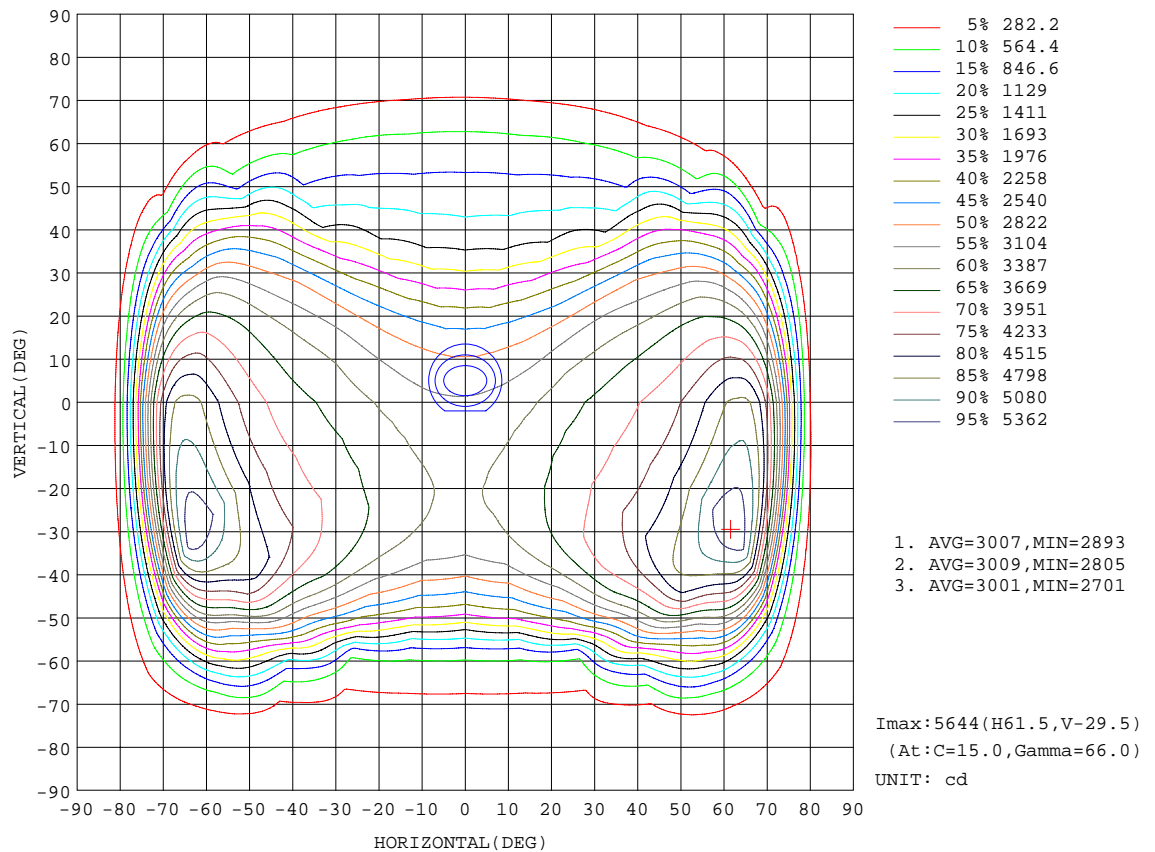
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	3239	3318	3298	3286	3188	2967	2839	2986	0- 10	299.6	299.6	2.56,2.56
20	3480	3528	3359	3446	3365	2811	2367	2817	10- 20	891.4	1191	10.2,10.2
30	3722	3744	3278	3625	3574	2566	1714	2545	20- 30	1446	2637	22.5,22.5
40	3942	3945	2841	3785	3783	2143	1211	2088	30- 40	1907	4544	38.8,38.8
50	4240	3900	1850	3680	4105	1444	921.1	1362	40- 50	2216	6760	57.8,57.8
60	4772	2939	546.1	2735	4716	829.0	655.5	806.7	50- 60	2259	9019	77.1,77.1
70	4148	880.6	234.3	734.7	4382	356.0	306.3	324.5	60- 70	1872	10891	93.1,93.1
80	279.8	99.41	68.51	103.8	421.8	65.60	61.23	59.70	70- 80	756.1	11647	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	51.32	11698	100,100
100	0	0	0	0	0	0	0	0	90-100	0	11698	100,100
110	0	0	0	0	0	0	0	0	100-110	0	11698	100,100
120	0	0	0	0	0	0	0	0	110-120	0	11698	100,100
130	0	0	0	0	0	0	0	0	120-130	0	11698	100,100
140	0	0	0	0	0	0	0	0	130-140	0	11698	100,100
150	0	0	0	0	0	0	0	0	140-150	0	11698	100,100
160	0	0	0	0	0	0	0	0	150-160	0	11698	100,100
170	0	0	0	0	0	0	0	0	160-170	0	11698	100,100
180	0	0	0	0	0	0	0	0	170-180	0	11698	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

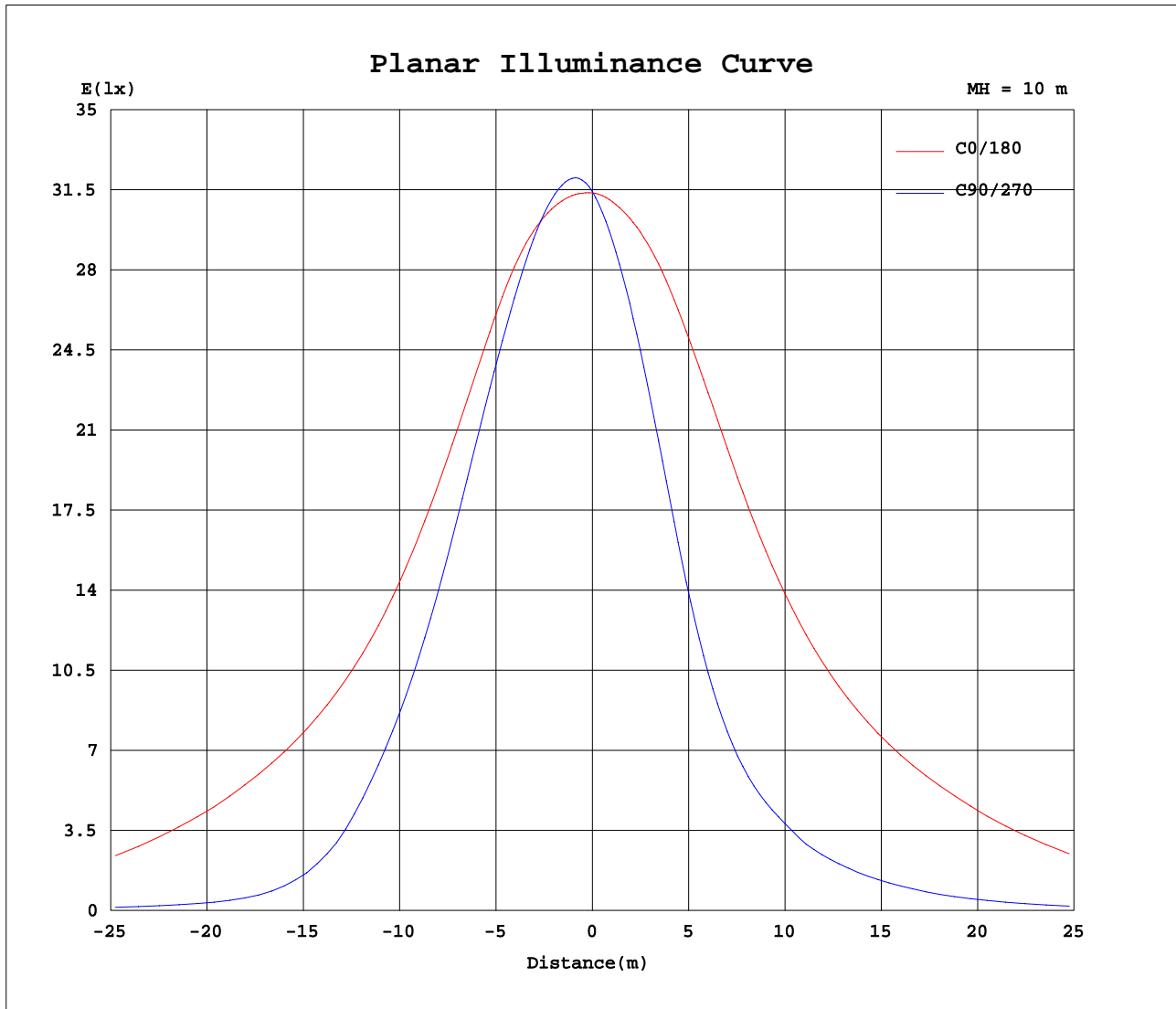
Test:U:219.2V I:0.3778A P:81.01W PF:0.9782 Freq:50.01Hz Lamp Flux:11698.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



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



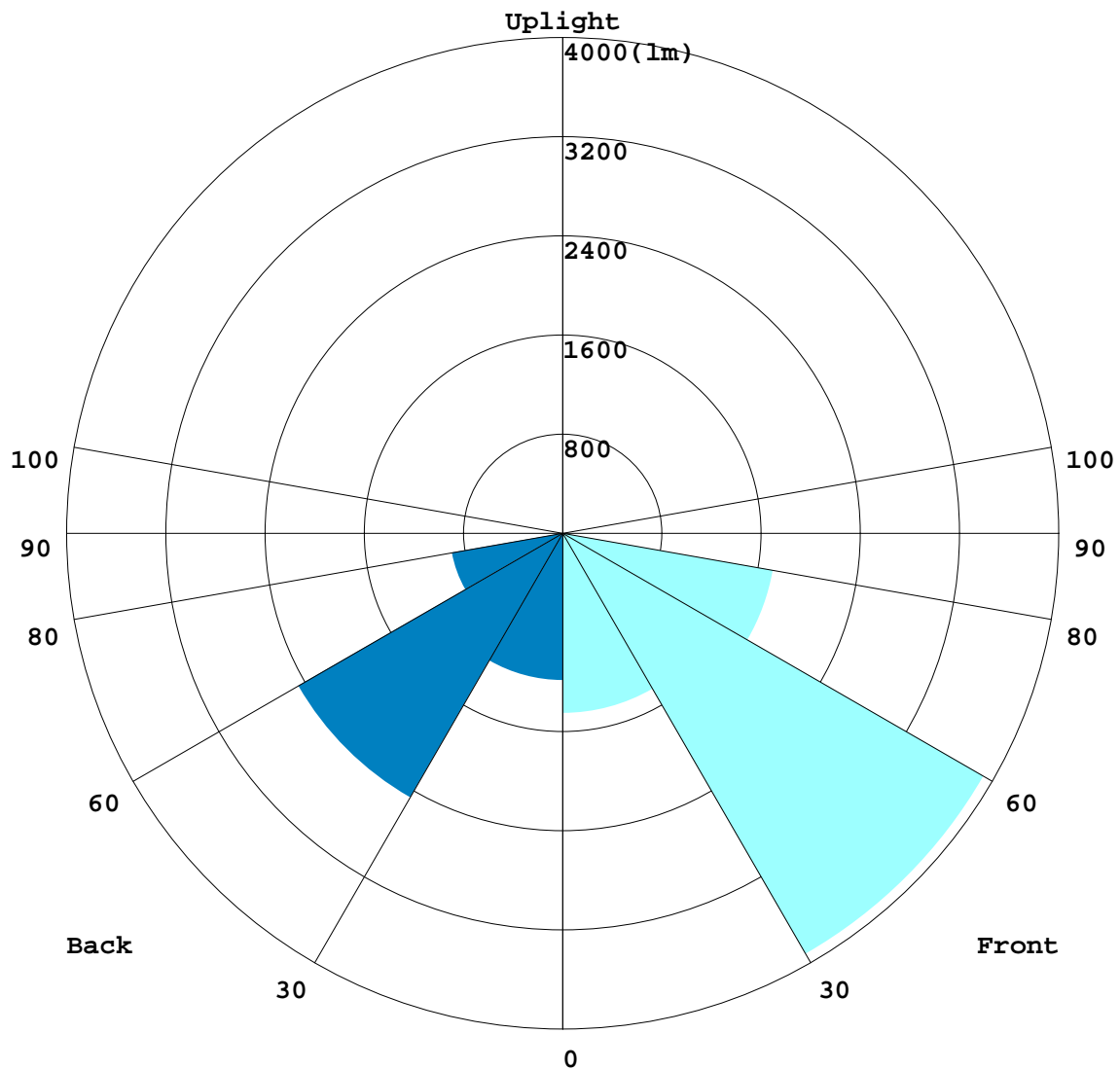
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-11

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:219.2V I:0.3778A P:81.01W PF:0.9782 Freq:50.01Hz Lamp Flux:11698.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-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:219.2V I:0.3778A P:81.01W PF:0.9782 Freq:50.01Hz Lamp Flux:11698.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WILE-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)	1451.1	12.4
FM - Front-Medium(30-60)	3919.8	33.5
FH - Front-High(60-80)	1721.7	14.7
FVH - Front-Very High(80-90)	34.093	0.3
Total Forward Light	7126.6	60.9

BL - Back-Low(0-30)	1185.9	10.1
BM - Back-Medium(30-60)	2461.8	21.0
BH - Back-High(60-80)	906.51	7.7
BVH - Back-Very High(80-90)	17.231	0.1
Total Back Light	4571.5	39.1

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4571.5	0	4571.5
Street Side	7126.6	0	7126.6

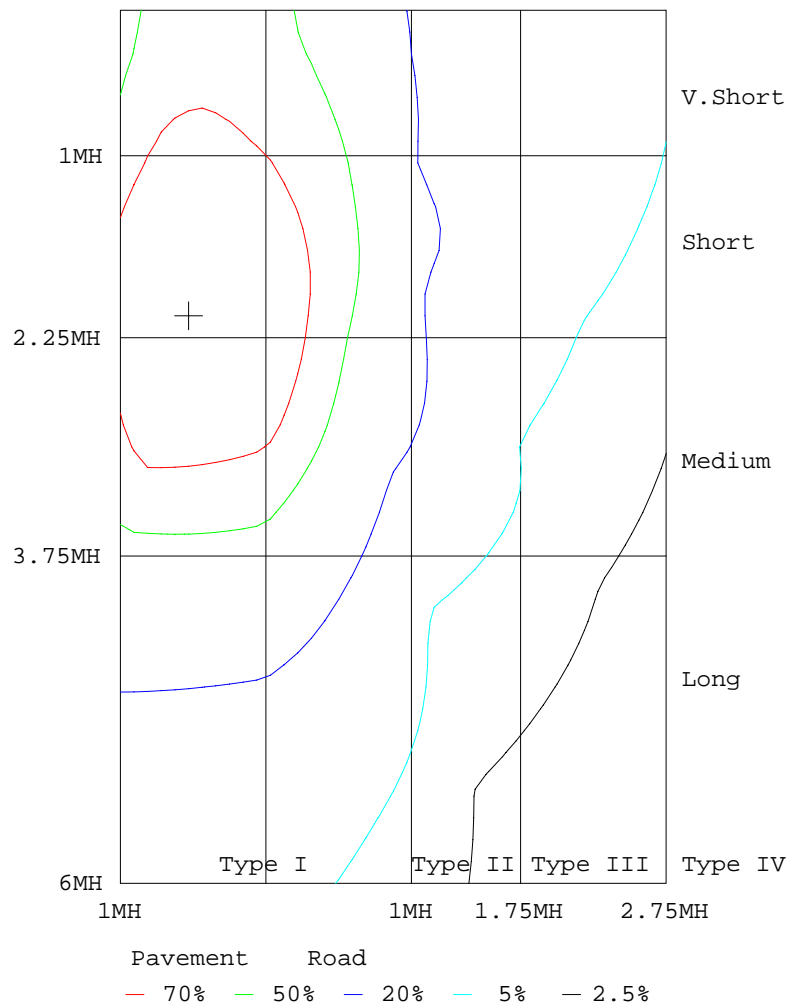
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-11

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:219.2V I:0.3778A P:81.01W PF:0.9782 Freq:50.01Hz Lamp Flux:11698.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-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:219.2V I:0.3778A P:81.01W PF:0.9782 Freq:50.01Hz Lamp Flux:11698.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-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	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140	3140
5	3168	3195	3214	3227	3234	3239	3237	3235	3226	3215	3199	3176	3146	3116	3081	3049	3025	3006	3004
10	3239	3283	3312	3318	3311	3305	3298	3297	3290	3286	3270	3239	3188	3122	3043	2967	2901	2852	2839
15	3347	3411	3432	3418	3386	3360	3341	3342	3350	3360	3361	3330	3266	3166	3032	2892	2764	2661	2632
20	3480	3555	3565	3528	3458	3395	3359	3369	3402	3446	3465	3442	3365	3229	3036	2811	2591	2419	2367
25	3609	3692	3702	3637	3511	3397	3343	3368	3445	3536	3576	3554	3467	3296	3041	2703	2373	2121	2041
30	3722	3814	3833	3744	3550	3362	3278	3331	3470	3625	3692	3674	3574	3372	3047	2566	2107	1802	1714
35	3830	3937	3964	3854	3553	3252	3119	3212	3454	3713	3820	3792	3680	3442	3030	2380	1818	1505	1424
40	3942	4076	4112	3945	3466	3023	2841	2975	3346	3785	3963	3921	3783	3495	2976	2143	1518	1268	1211
45	4068	4242	4295	3979	3242	2660	2440	2610	3104	3802	4127	4087	3920	3555	2873	1840	1271	1123	1073
50	4240	4479	4503	3900	2836	2143	1850	2087	2691	3680	4313	4333	4105	3594	2700	1444	1102	950	921
55	4486	4828	4701	3577	2224	1292	1085	1249	2068	3328	4503	4699	4373	3599	2418	1115	890	815	801
60	4772	5298	4739	2939	1060	613	546	609	990	2735	4512	5175	4716	3473	1973	829	732	677	655
65	4865	5646	4069	2055	428	358	339	358	413	1784	3840	5579	4900	2960	1150	594	530	493	489
70	4148	5178	2650	881	271	244	234	245	266	735	2569	5100	4382	1949	497	356	330	307	306
75	2066	2774	1307	313	163	150	145	152	165	285	1299	2742	2419	578	230	168	166	159	156
80	280	552	340	99.4	75.4	72.7	68.5	74.7	79.8	104	324	625	422	132	87.8	65.6	66.5	64.9	61.2
85	36.7	57.3	51.5	24.9	18.7	18.4	16.3	19.6	21.6	29.5	59.4	80.8	52.5	32.2	23.7	16.9	15.6	13.3	12.6
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:219.2V I:0.3778A P:81.01W PF:0.9782 Freq:50.01Hz Lamp Flux:11698.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-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	3140	3140	3140	3140	3140														
5	3010	3030	3060	3097	3134														
10	2857	2912	2986	3072	3161														
15	2665	2773	2909	3067	3223														
20	2416	2590	2817	3077	3310														
25	2106	2355	2702	3094	3403														
30	1786	2079	2545	3097	3481														
35	1486	1781	2349	3077	3547														
40	1255	1470	2088	3018	3593														
45	1111	1246	1752	2894	3622														
50	946	1079	1362	2701	3640														
55	812	879	1082	2380	3606														
60	667	714	807	1879	3391														
65	483	510	565	996	2805														
70	300	313	324	431	1697														
75	155	157	148	189	316														
80	62.0	62.0	59.7	74.5	106														
85	12.2	13.4	13.7	18.2	23.5														
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: