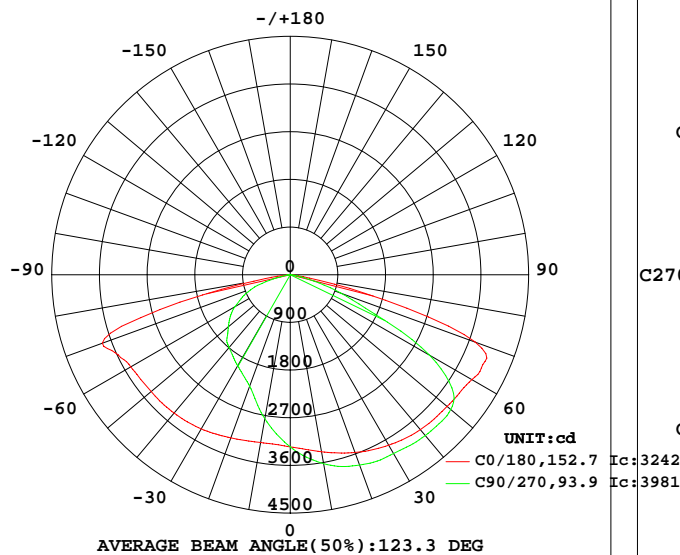
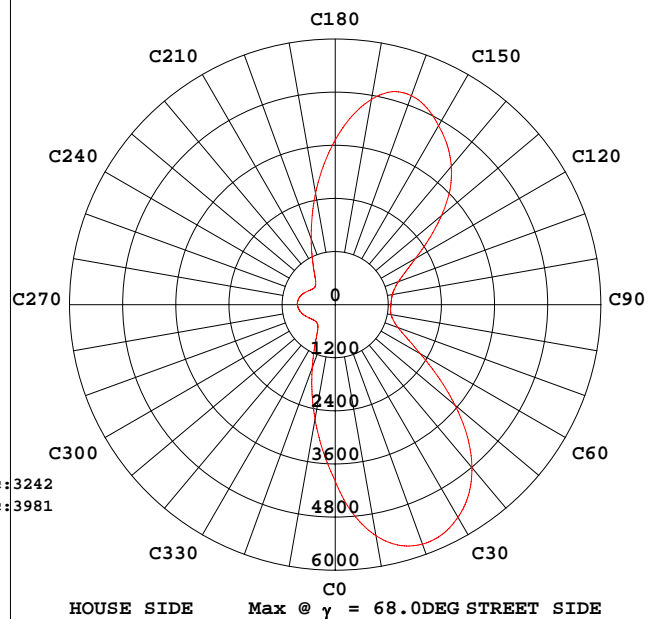


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.4631A P:99.95W PF:0.9840 Freq:50.01Hz Lamp Flux:13549.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.56 lm/W			
MODEL	3030	Imax(cd)	5631	$\eta$ street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	100.0	$\eta$ street_down(%)	65.8
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	13550	$\eta$ house_up(%)	0.0
NOMINAL FLUX(lm)	13549.8	MAXIMUM @(C, $\gamma$ )	15,68.0	$\eta$ house_down(%)	34.2
LAMPS INSIDE	1	$\eta$ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	$\eta$ down(%)	100.0	SLI	20.008

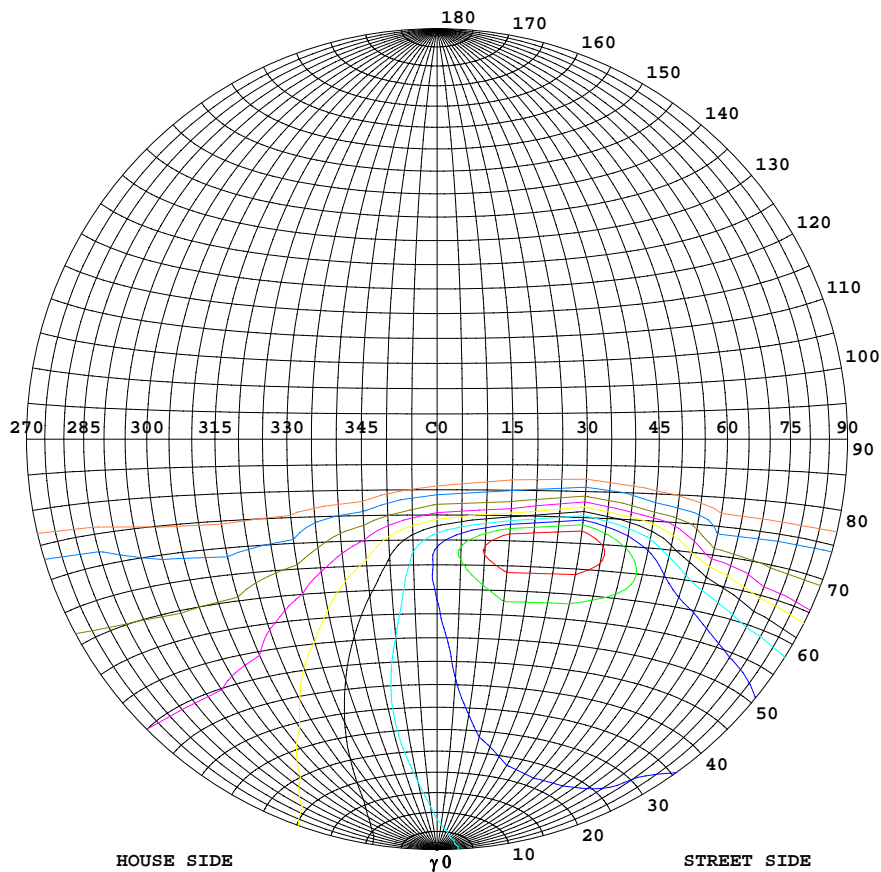
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.4631A P:99.95W PF:0.9840 Freq:50.01Hz Lamp Flux:13549.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



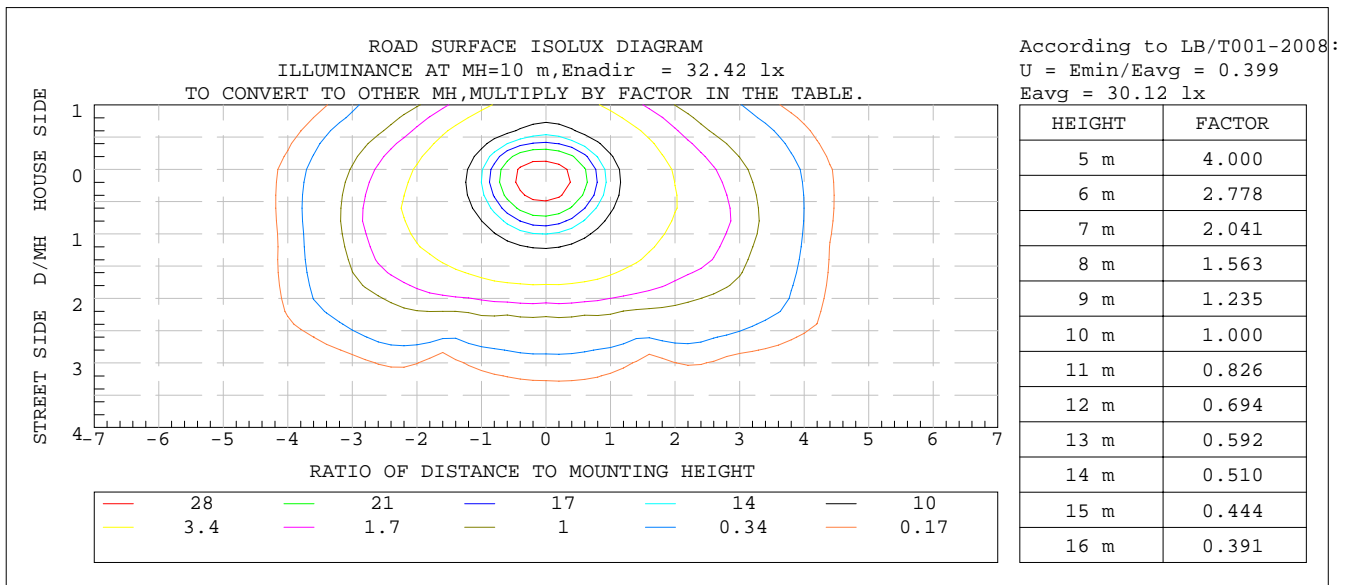
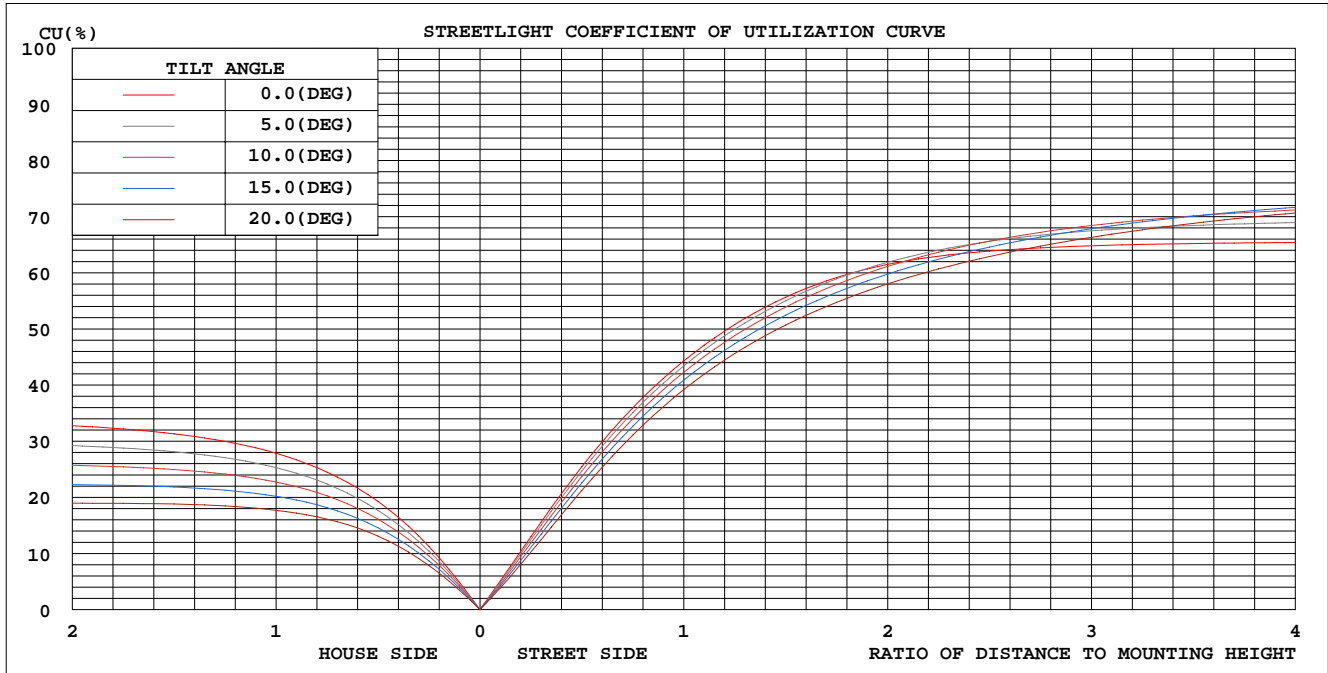
## Classification:

IES:Type III - Medium  
CIE:Broad - Intermediate  
IES:Full cut-off  
CIE:Semi-cut-off  
Max.At80:86.37cd/klm  
Max.At90:0cd/klm  
Max.80-90:86.37cd/klm  
NRB 5101:Limited[4.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5631
90%	5067
80%	4504
70%	3941
60%	3378
50%	2815
40%	2252
30%	1689
20%	1126
10%	563
5%	282

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: 2024-12-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.4631A P:99.95W PF:0.9840 Freq:50.01Hz Lamp Flux:13549.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

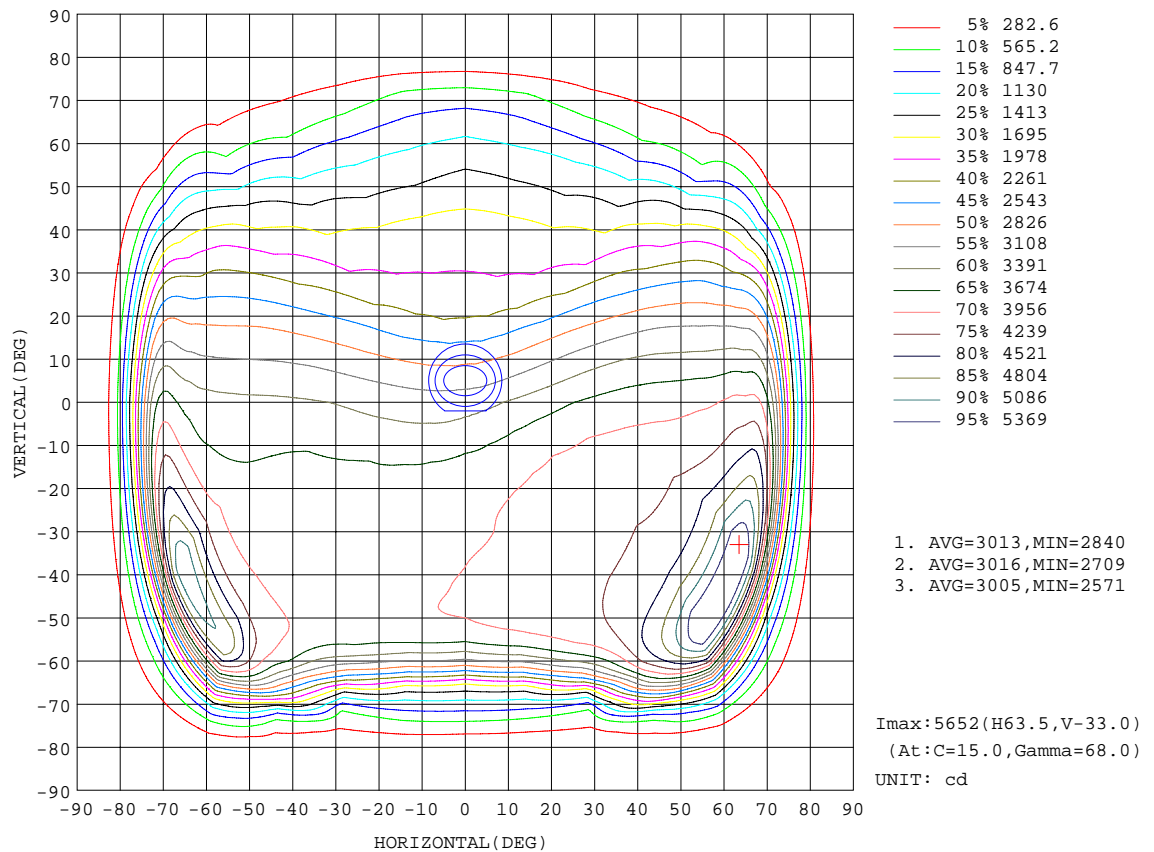
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	3394	3607	3619	3481	3217	2889	2761	2987	0- 10	309.7	309.7	2.29,2.29
20	3570	3898	3822	3687	3277	2568	2241	2720	10- 20	916.6	1226	9.05,9.05
30	3714	4075	3897	3813	3361	2274	1986	2398	20- 30	1485	2711	20,20
40	3819	4161	3962	3862	3409	1964	1795	2033	30- 40	1990	4701	34.7,34.7
50	3866	4227	3955	3897	3429	1648	1526	1667	40- 50	2393	7093	52.4,52.4
60	3960	4380	3035	3944	3477	1173	1209	1171	50- 60	2623	9716	71.7,71.7
70	3714	3834	1013	3305	3775	504.3	760.4	480.1	60- 70	2478	12195	90,90
80	373.5	333.6	135.7	326.7	699.1	116.5	107.9	91.80	70- 80	1271	13465	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	84.34	13550	100,100
100	0	0	0	0	0	0	0	0	90-100	0	13550	100,100
110	0	0	0	0	0	0	0	0	100-110	0	13550	100,100
120	0	0	0	0	0	0	0	0	110-120	0	13550	100,100
130	0	0	0	0	0	0	0	0	120-130	0	13550	100,100
140	0	0	0	0	0	0	0	0	130-140	0	13550	100,100
150	0	0	0	0	0	0	0	0	140-150	0	13550	100,100
160	0	0	0	0	0	0	0	0	150-160	0	13550	100,100
170	0	0	0	0	0	0	0	0	160-170	0	13550	100,100
180	0	0	0	0	0	0	0	0	170-180	0	13550	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:2024-12-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

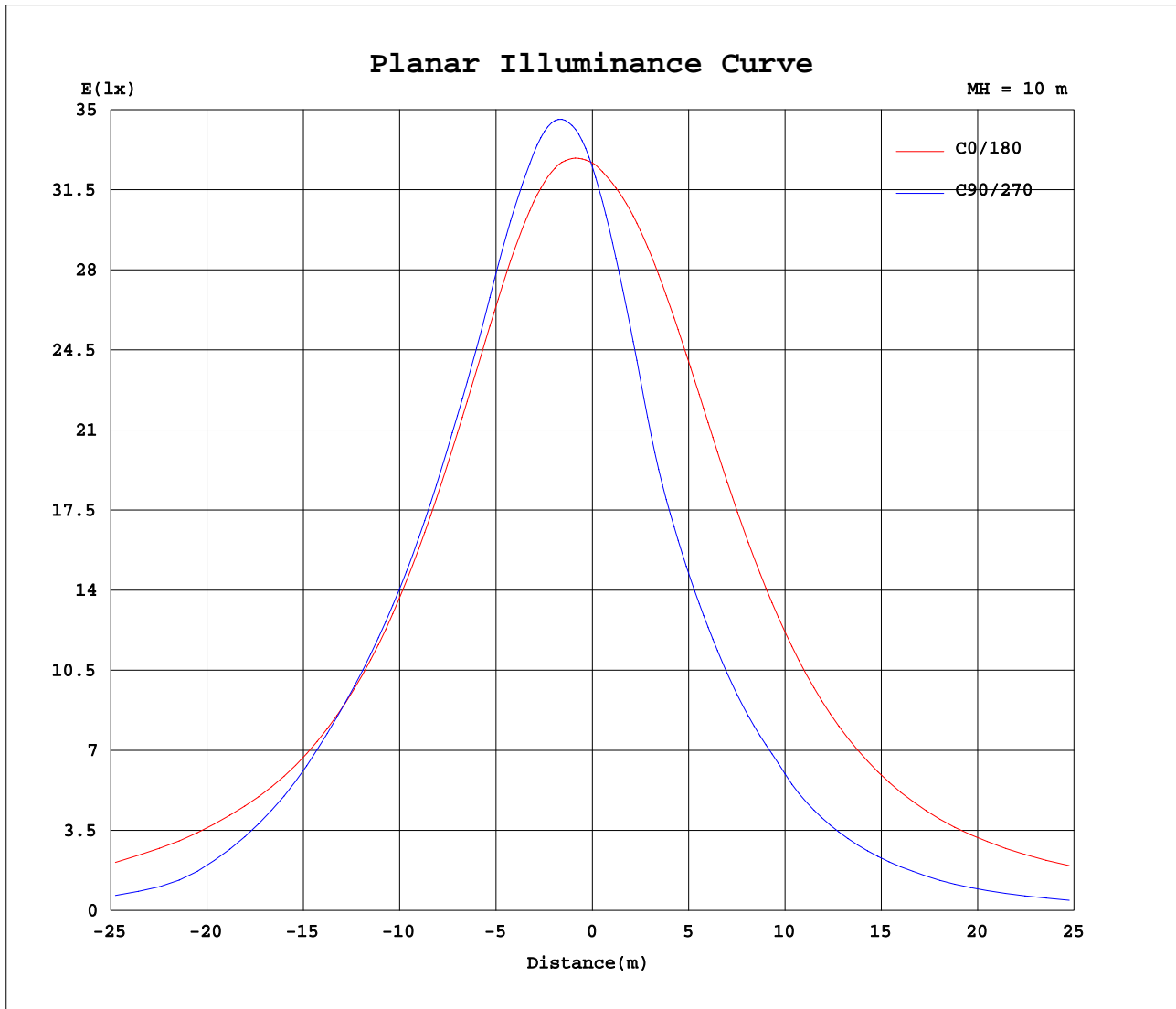
Test:U:219.3V I:0.4631A P:99.95W PF:0.9840 Freq:50.01Hz Lamp Flux:13549.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-16

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



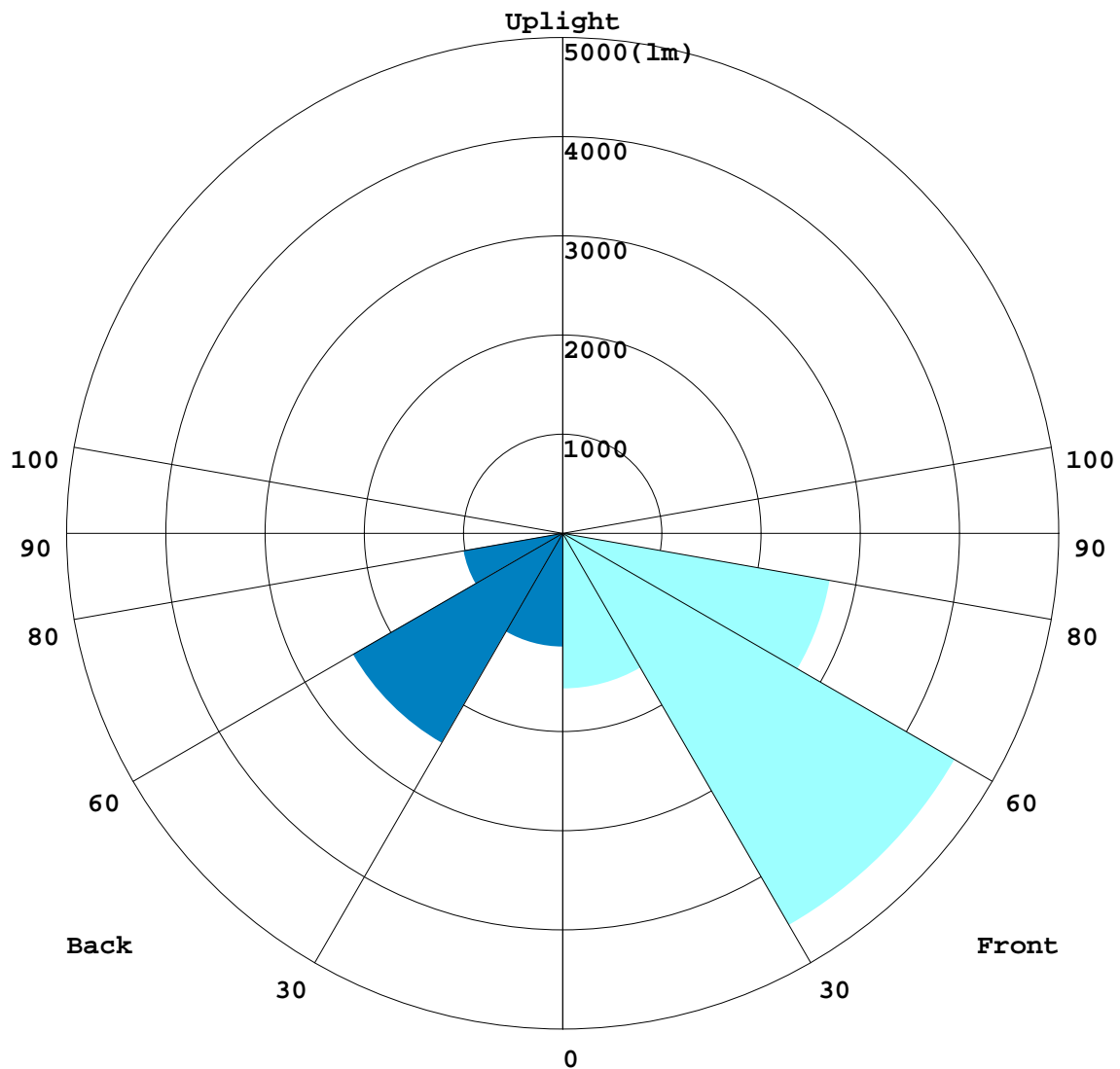
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2024-12-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.4631A P:99.95W PF:0.9840 Freq:50.01Hz Lamp Flux:13549.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	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:2024-12-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.4631A P:99.95W PF:0.9840 Freq:50.01Hz Lamp Flux:13549.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

## IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1566.1	11.6
FM - Front-Medium(30-60)	4563.3	33.7
FH - Front-High(60-80)	2734.9	20.2
FVH - Front-Very High(80-90)	57.889	0.4
Total Forward Light	8922.2	65.8

BL - Back-Low(0-30)	1145.1	8.5
BM - Back-Medium(30-60)	2441.7	18.0
BH - Back-High(60-80)	1014.4	7.5
BVH - Back-Very High(80-90)	26.45	0.2
Total Back Light	4627.6	34.2

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	4627.6	0	4627.6
Street Side	8922.2	0	8922.2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yanyonggeng  
 Test Date:2024-12-16

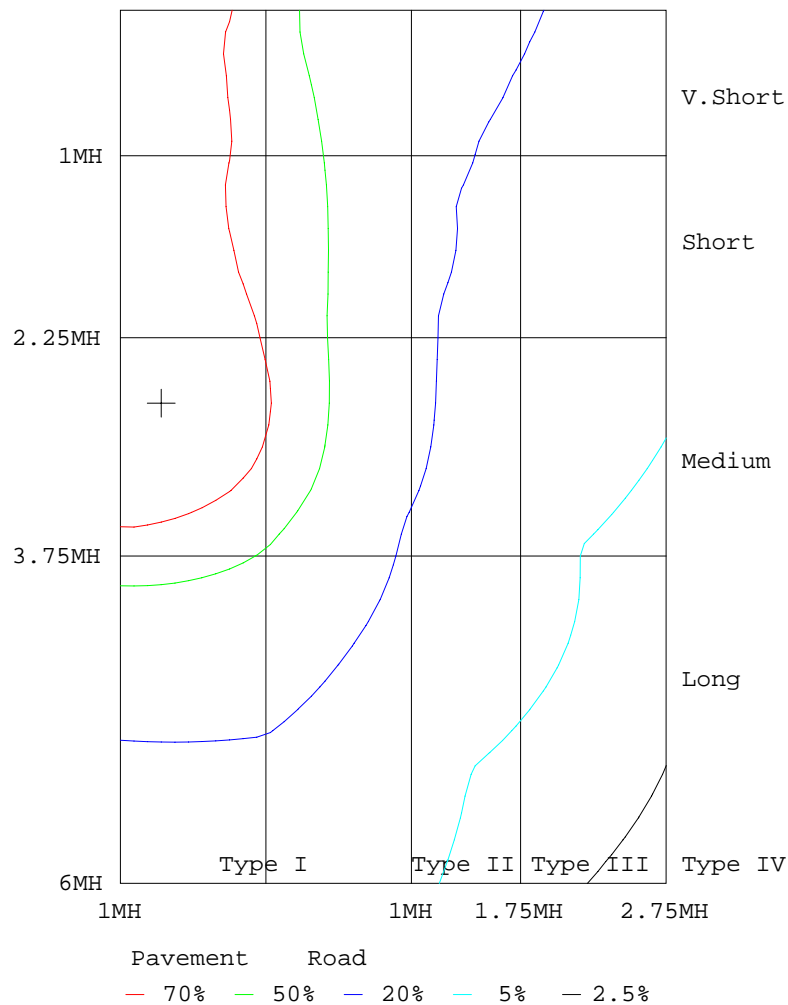
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
 Humidity:65.0%  
 Test Distance:7.682m [K=1.0000]  
 Remarks:



## ROAD ISOCANDELA REPORT

Test:U:219.3V I:0.4631A P:99.95W PF:0.9840 Freq:50.01Hz Lamp Flux:13549.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.4631A P:99.95W PF:0.9840 Freq:50.01Hz Lamp Flux:13549.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3249	3249	3249	3249	3249	3249	3249	3249	3249	3249	3249	3249	3249	3249	3249	3249	3249	3249	3249
5	3308	3358	3400	3433	3451	3458	3453	3437	3406	3368	3323	3270	3214	3158	3104	3059	3028	3010	3015
10	3394	3491	3560	3607	3629	3631	3619	3591	3541	3481	3411	3320	3217	3106	2990	2889	2811	2760	2761
15	3482	3621	3711	3766	3781	3772	3747	3713	3662	3594	3503	3388	3241	3076	2894	2728	2594	2492	2484
20	3570	3743	3848	3898	3886	3861	3822	3786	3742	3687	3593	3456	3277	3057	2808	2568	2372	2253	2241
25	3648	3855	3965	3995	3975	3934	3881	3847	3802	3755	3673	3527	3319	3043	2726	2421	2204	2111	2096
30	3714	3950	4055	4075	4038	3965	3897	3866	3851	3813	3740	3598	3361	3028	2647	2274	2064	1997	1986
35	3774	4030	4121	4132	4073	4007	3934	3898	3870	3856	3790	3659	3388	3009	2544	2118	1933	1890	1885
40	3819	4094	4167	4161	4117	4043	3962	3928	3904	3862	3830	3709	3409	2971	2423	1964	1811	1788	1795
45	3846	4144	4200	4192	4138	4052	3976	3940	3914	3881	3850	3737	3424	2914	2282	1815	1681	1660	1689
50	3866	4210	4246	4227	4148	4044	3955	3947	3919	3897	3854	3755	3429	2829	2119	1648	1485	1457	1526
55	3897	4354	4350	4281	4130	3904	3727	3816	3892	3915	3878	3807	3444	2712	1914	1437	1277	1289	1385
60	3960	4647	4621	4380	3905	3306	3035	3249	3675	3944	3985	3969	3477	2549	1654	1173	1079	1114	1209
65	4010	5243	5192	4425	3070	2104	1763	2105	2904	3888	4278	4429	3581	2264	1311	862	832	913	998
70	3714	5473	5598	3834	1406	1062	1013	1093	1396	3305	4944	5294	3775	1820	762	504	552	703	760
75	1859	2609	3607	2021	429	436	467	491	464	1828	4052	3563	2542	1031	354	296	310	398	409
80	373	545	827	334	142	129	136	134	150	327	1170	818	699	218	130	117	125	121	108
85	42.7	59.2	85.6	47.3	33.0	32.0	29.8	34.5	38.1	56.2	125	100	75.8	39.7	30.1	26.0	26.5	24.5	24.5
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:2024-12-16

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:0.4631A P:99.95W PF:0.9840 Freq:50.01Hz Lamp Flux:13549.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	3249	3249	3249	3249	3249														
5	3031	3067	3117	3178	3243														
10	2791	2874	2987	3125	3264														
15	2530	2670	2854	3073	3291														
20	2291	2463	2720	3024	3318														
25	2115	2257	2569	2966	3344														
30	1983	2081	2398	2887	3358														
35	1873	1931	2220	2781	3350														
40	1780	1804	2033	2648	3317														
45	1670	1686	1853	2485	3255														
50	1495	1490	1667	2276	3143														
55	1325	1310	1424	2016	2990														
60	1135	1106	1171	1700	2762														
65	909	818	804	1223	2375														
70	674	514	480	630	1729														
75	361	276	258	303	725														
80	103	101	91.8	103	138														
85	22.1	21.7	19.5	21.9	29.4														
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:2024-12-16

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: