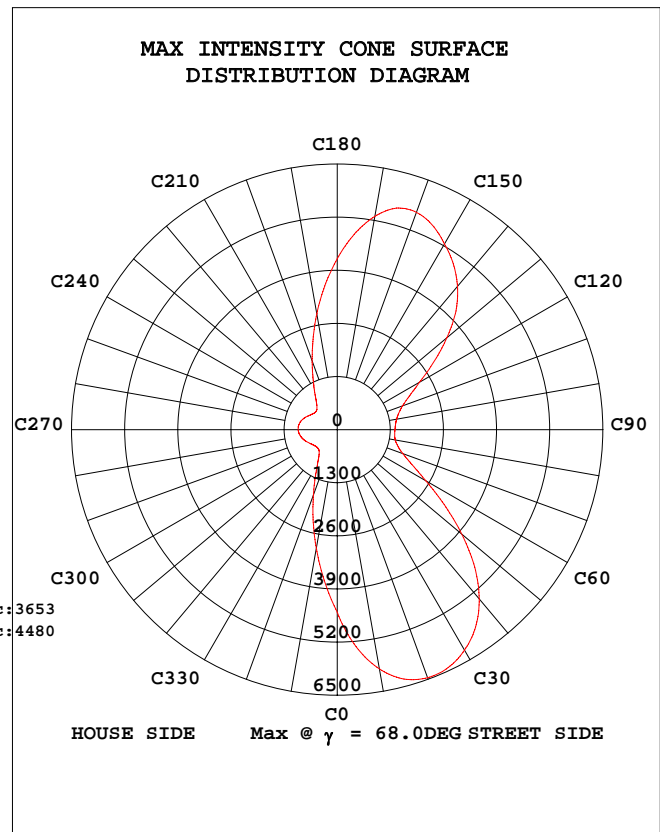
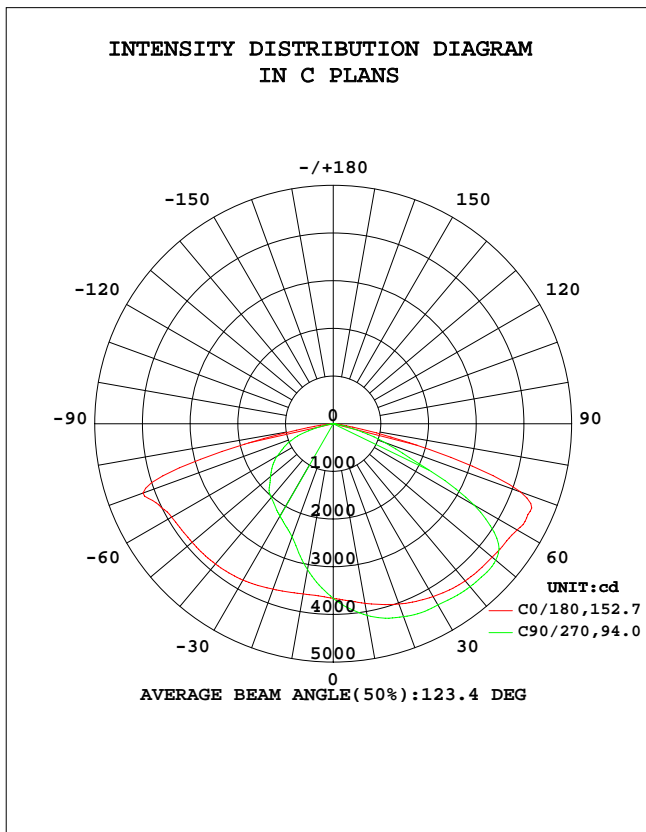


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.5618A P:119.9W PF:0.9734 Freq:50.01Hz Lamp Flux:15252.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-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: 127.22 lm/W			
MODEL	3030	I _{max} (cd)	6318	η street_up(%)	0.0
NOMINAL POWER(W)	120	LOR(%)	100.0	η street_down(%)	65.8
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	15252	η house_up(%)	0.0
NOMINAL FLUX(lm)	15252.1	MAXIMUM @(C,γ)	15,68.0	η house_down(%)	34.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.168

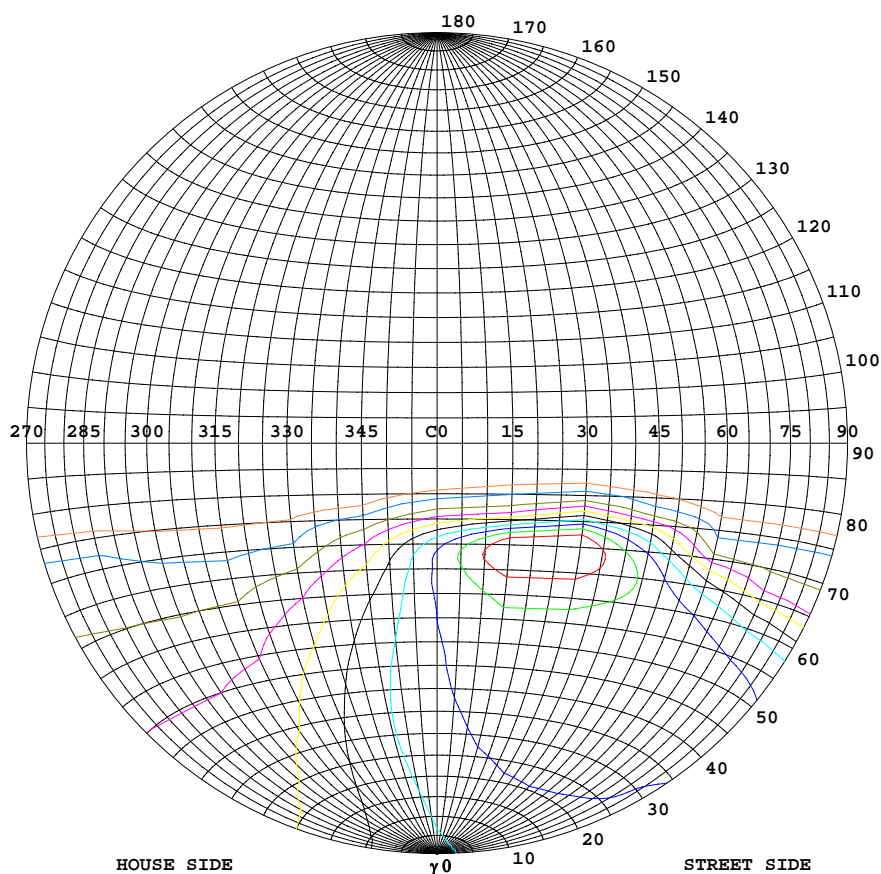


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-16

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:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.2V I:0.5618A P:119.9W PF:0.9734 Freq:50.01Hz Lamp Flux:15252.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



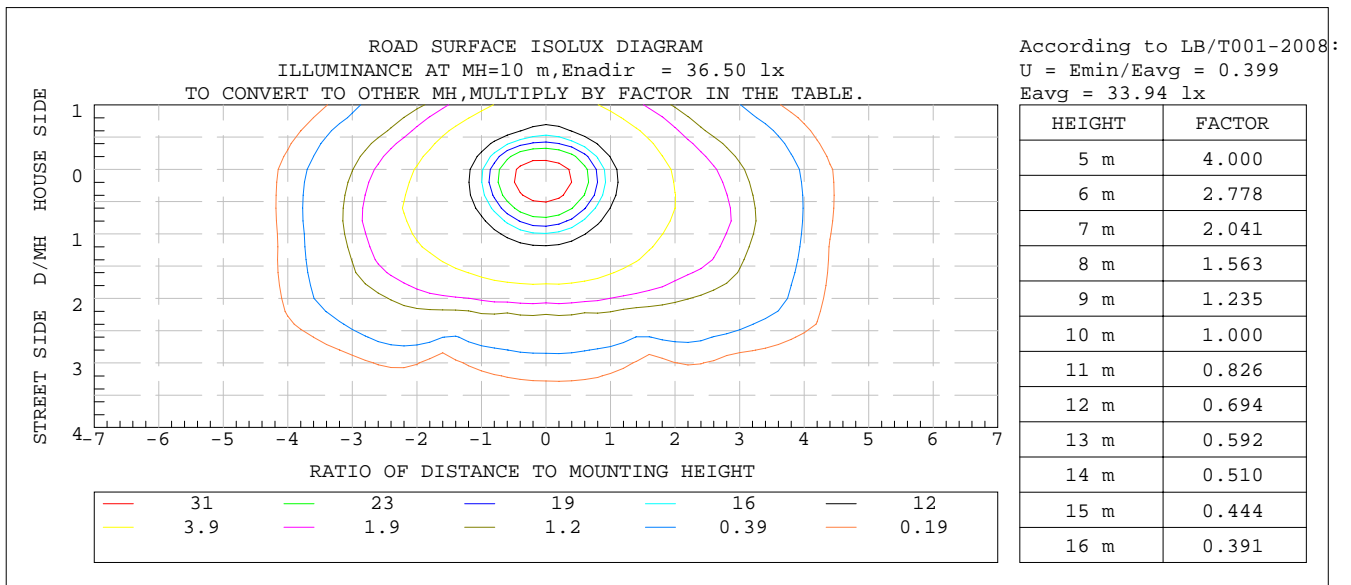
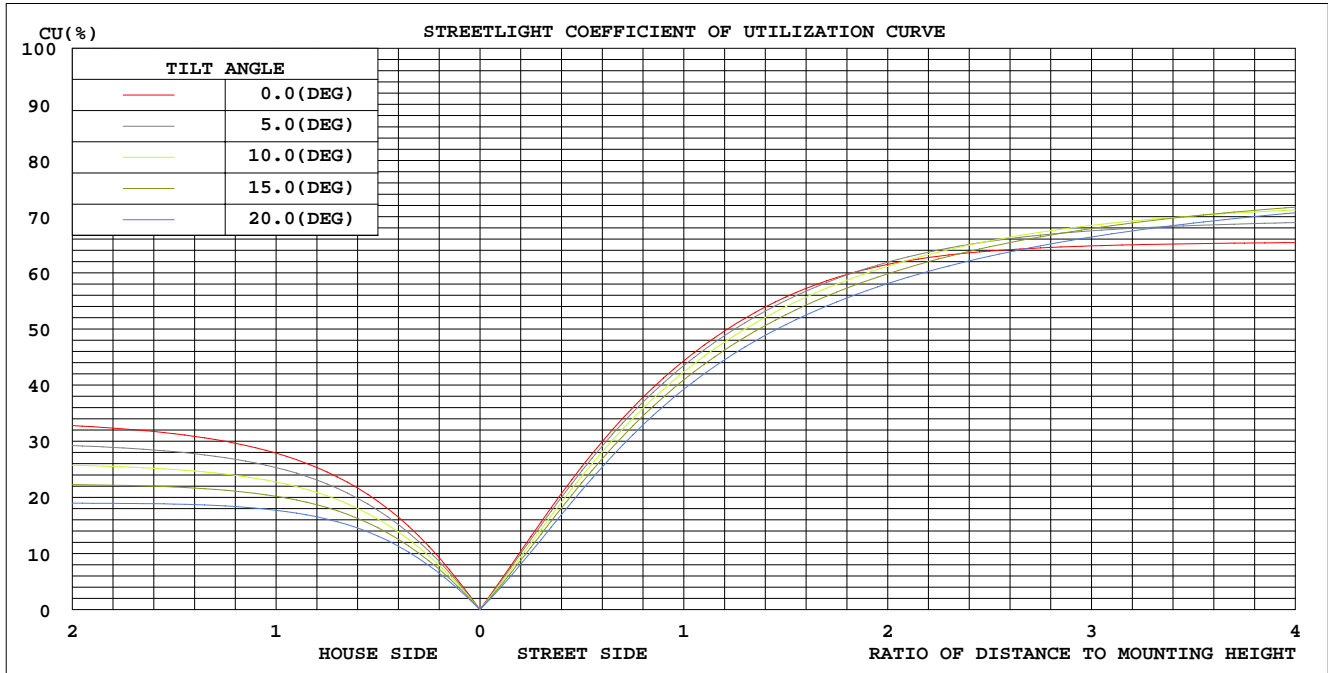
Classification:

IES:Type III - Medium
CIE:Broad - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:84.38cd/klm
Max.At90:0cd/klm
Max.80-90:84.38cd/klm
NRB 5101:Limited[4.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6318
90%	5686
80%	5054
70%	4422
60%	3791
50%	3159
40%	2527
30%	1895
20%	1264
10%	632
5%	316

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:

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

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:0.5618A P:119.9W PF:0.9734 Freq:50.01Hz Lamp Flux:15252.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

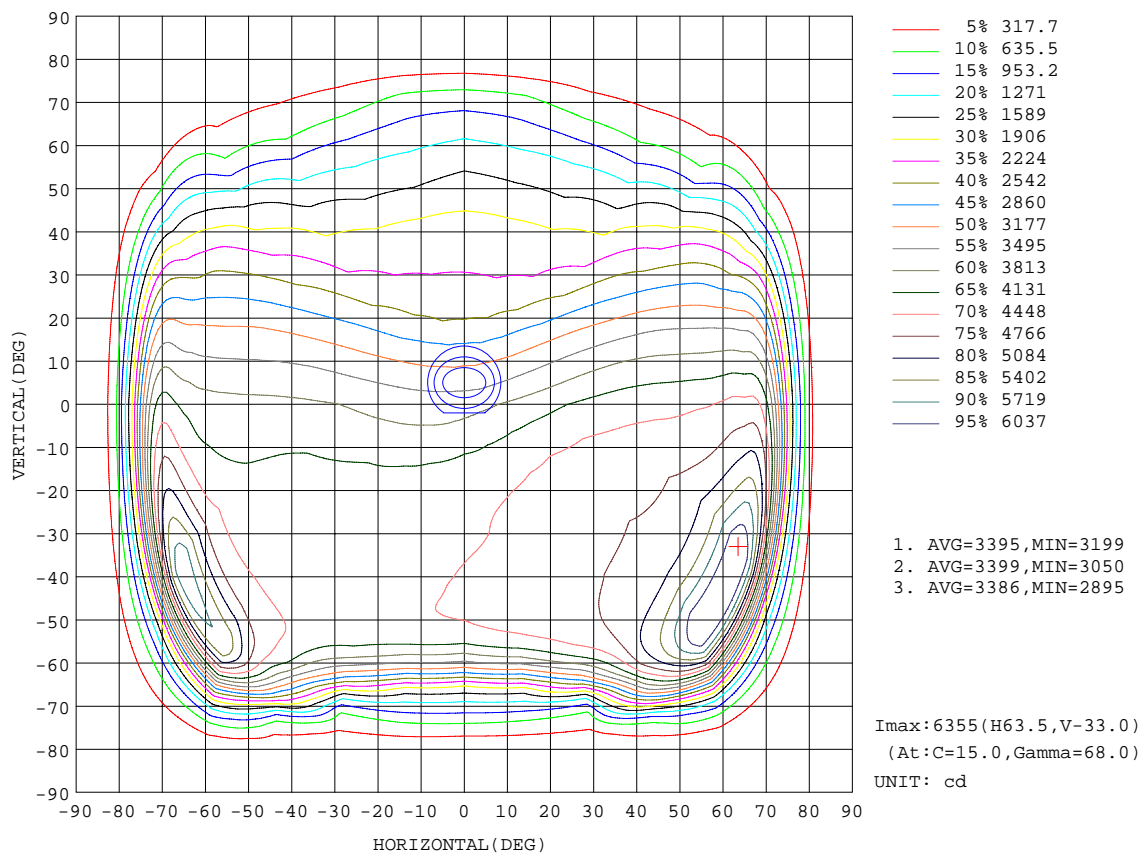
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	3823	4064	4079	3926	3626	3256	3110	3367	0- 10	349.1	349.1	2.29,2.29
20	4023	4393	4306	4158	3692	2895	2527	3065	10- 20	1033	1382	9.06,9.06
30	4186	4589	4389	4301	3787	2565	2238	2701	20- 30	1673	3056	20,20
40	4304	4689	4461	4354	3842	2216	2021	2291	30- 40	2242	5298	34.7,34.7
50	4353	4759	4450	4392	3864	1858	1717	1876	40- 50	2695	7993	52.4,52.4
60	4453	4926	3411	4439	3917	1320	1357	1316	50- 60	2952	10945	71.8,71.8
70	4175	4324	1144	3695	4244	567.9	852.3	540.8	60- 70	2786	13732	90,90
80	417.9	382.2	141.9	361.2	781.7	130.6	121.4	106.3	70- 80	1426	15157	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	94.67	15252	100,100
100	0	0	0	0	0	0	0	0	90-100	0	15252	100,100
110	0	0	0	0	0	0	0	0	100-110	0	15252	100,100
120	0	0	0	0	0	0	0	0	110-120	0	15252	100,100
130	0	0	0	0	0	0	0	0	120-130	0	15252	100,100
140	0	0	0	0	0	0	0	0	130-140	0	15252	100,100
150	0	0	0	0	0	0	0	0	140-150	0	15252	100,100
160	0	0	0	0	0	0	0	0	150-160	0	15252	100,100
170	0	0	0	0	0	0	0	0	160-170	0	15252	100,100
180	0	0	0	0	0	0	0	0	170-180	0	15252	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

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

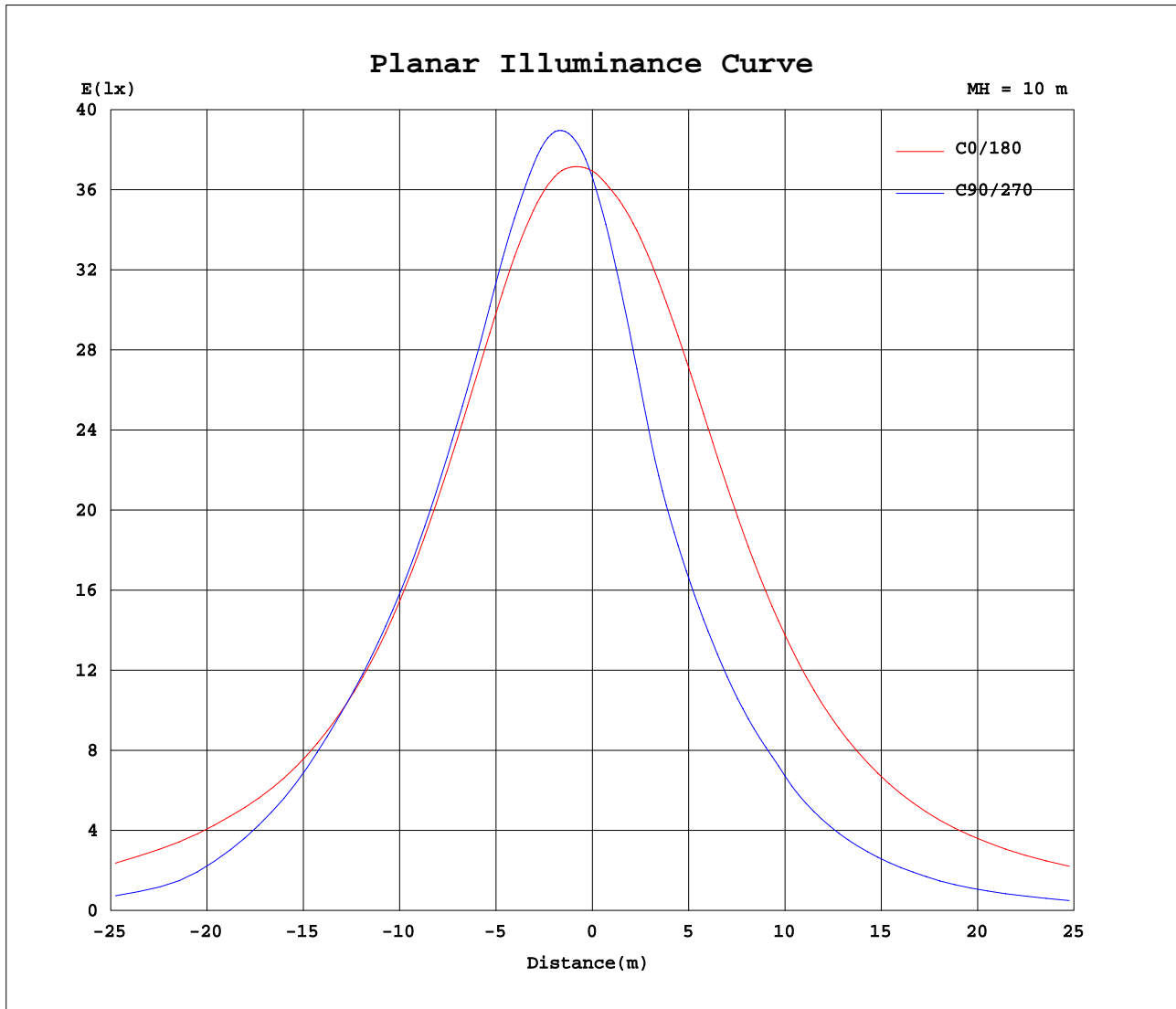
Test:U:219.2V I:0.5618A P:119.9W PF:0.9734 Freq:50.01Hz Lamp Flux:15252.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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



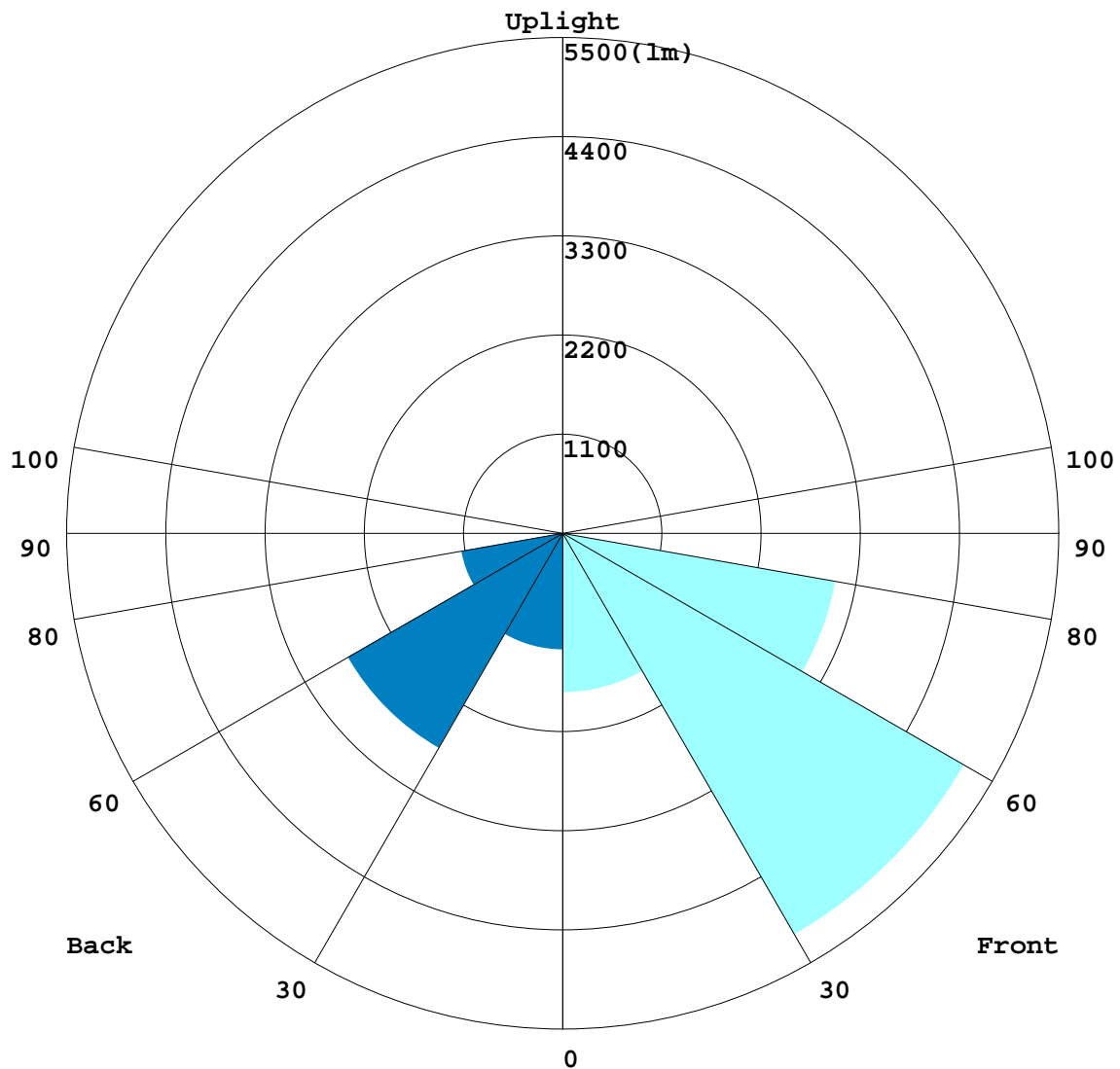
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-16

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:0.5618A P:119.9W PF:0.9734 Freq:50.01Hz Lamp Flux:15252.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-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

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:0.5618A P:119.9W PF:0.9734 Freq:50.01Hz Lamp Flux:15252.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-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)	1765	11.6
FM - Front-Medium(30-60)	5139.2	33.7
FH - Front-High(60-80)	3070.7	20.1
FVH - Front-Very High(80-90)	64.724	0.4
Total Forward Light	10040	65.8

BL - Back-Low(0-30)	1290.6	8.5
BM - Back-Medium(30-60)	2750.5	18.0
BH - Back-High(60-80)	1141.6	7.5
BVH - Back-Very High(80-90)	29.95	0.2
Total Back Light	5212.6	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
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5212.6	0	5212.6
Street Side	10040	0	10040

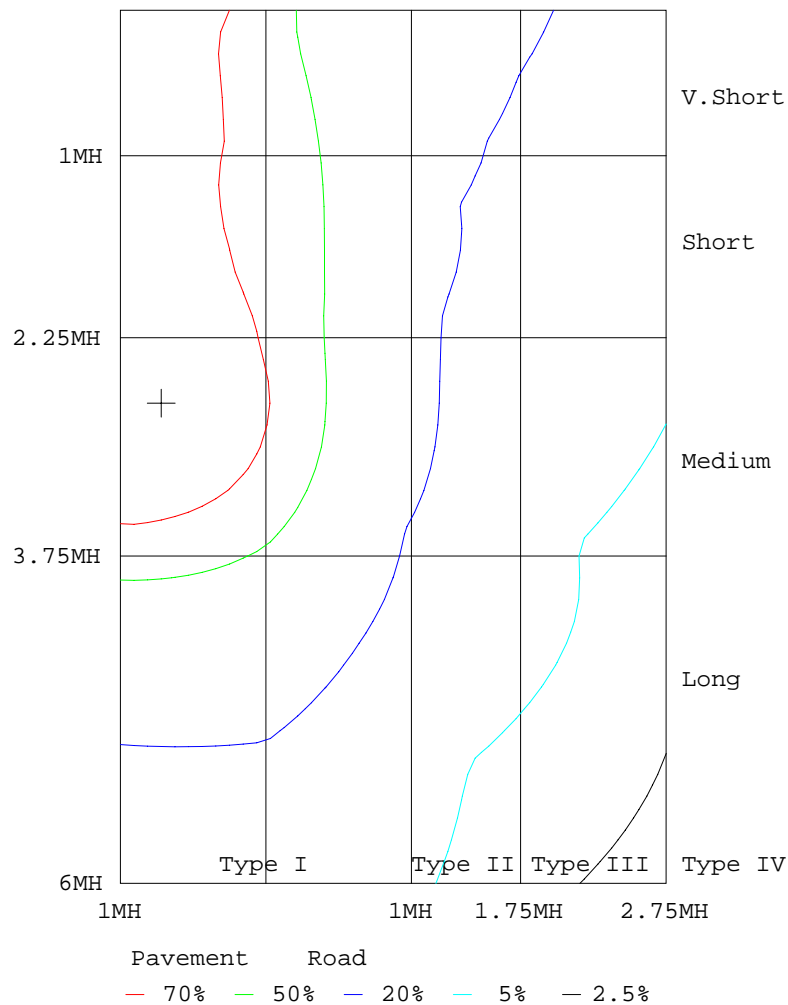
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-16

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:219.2V I:0.5618A P:119.9W PF:0.9734 Freq:50.01Hz Lamp Flux:15252.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-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

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:0.5618A P:119.9W PF:0.9734 Freq:50.01Hz Lamp Flux:15252.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	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	3662	3662	3662	3662	3662	3662	3662	3662	3662	3662	3662	3662	3662	3662	3662	3662	3662	3662	3662
5	3727	3785	3834	3868	3886	3896	3889	3873	3840	3797	3745	3686	3622	3559	3499	3448	3413	3392	3398
10	3823	3934	4014	4064	4086	4093	4079	4048	3993	3926	3844	3743	3626	3500	3371	3256	3167	3111	3110
15	3924	4080	4183	4243	4257	4251	4222	4185	4128	4053	3949	3821	3653	3466	3265	3075	2920	2811	2801
20	4023	4218	4338	4393	4375	4351	4306	4267	4219	4158	4050	3896	3692	3446	3170	2895	2675	2541	2527
25	4110	4344	4472	4500	4475	4434	4372	4336	4287	4234	4140	3978	3741	3430	3076	2731	2483	2380	2363
30	4186	4451	4570	4589	4545	4469	4389	4357	4338	4301	4217	4059	3787	3414	2983	2565	2326	2251	2238
35	4253	4540	4646	4655	4584	4514	4431	4391	4362	4347	4272	4127	3818	3392	2869	2390	2177	2129	2123
40	4304	4613	4697	4689	4635	4554	4461	4424	4399	4354	4316	4182	3842	3350	2735	2216	2039	2014	2021
45	4333	4671	4735	4722	4657	4563	4476	4437	4410	4373	4338	4214	3858	3286	2578	2047	1892	1869	1899
50	4353	4743	4786	4759	4667	4552	4450	4440	4411	4392	4343	4233	3864	3191	2394	1858	1670	1640	1717
55	4385	4901	4901	4818	4644	4393	4188	4290	4377	4409	4367	4291	3881	3058	2161	1619	1436	1450	1558
60	4453	5227	5200	4926	4390	3719	3411	3646	4123	4439	4485	4475	3917	2873	1867	1320	1215	1241	1357
65	4505	5888	5835	4977	3457	2371	1982	2357	3250	4366	4813	4992	4034	2553	1482	969	933	1025	1122
70	4175	6139	6286	4324	1594	1199	1144	1230	1555	3695	5552	5961	4244	2053	857	568	617	788	852
75	2093	2918	4048	2291	488	493	526	555	523	2012	4527	3989	2881	1162	401	332	347	442	458
80	418	612	913	382	163	148	142	154	171	361	1287	909	782	245	147	131	140	125	121
85	48.2	67.5	95.9	55.2	38.5	37.1	34.2	39.8	43.6	64.3	138	113	85.4	45.6	34.2	29.3	30.1	27.5	27.4
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:219.2V I:0.5618A P:119.9W PF:0.9734 Freq:50.01Hz Lamp Flux:15252.1x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-120WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	3662	3662	3662	3662	3662														
5	3416	3458	3513	3582	3656														
10	3146	3240	3367	3521	3680														
15	2851	3005	3217	3463	3708														
20	2581	2773	3065	3406	3737														
25	2384	2544	2893	3340	3768														
30	2236	2345	2701	3252	3782														
35	2111	2177	2500	3128	3774														
40	2004	2032	2291	2975	3735														
45	1878	1900	2086	2795	3663														
50	1682	1679	1876	2560	3536														
55	1491	1476	1600	2266	3362														
60	1276	1247	1316	1911	3103														
65	1023	921	905	1368	2663														
70	760	579	541	711	1937														
75	404	308	291	335	807														
80	116	114	106	117	158														
85	25.0	24.7	22.1	25.1	33.4														
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: