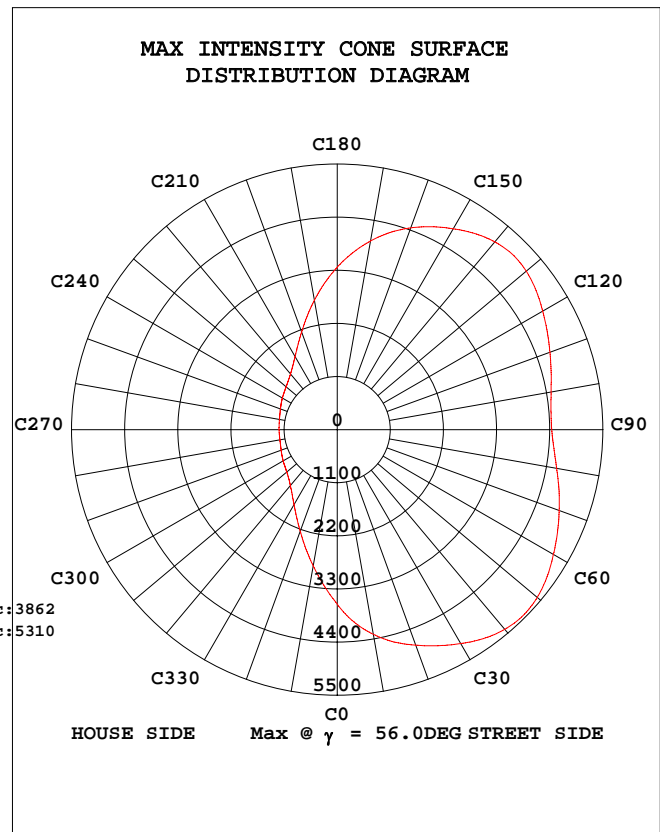
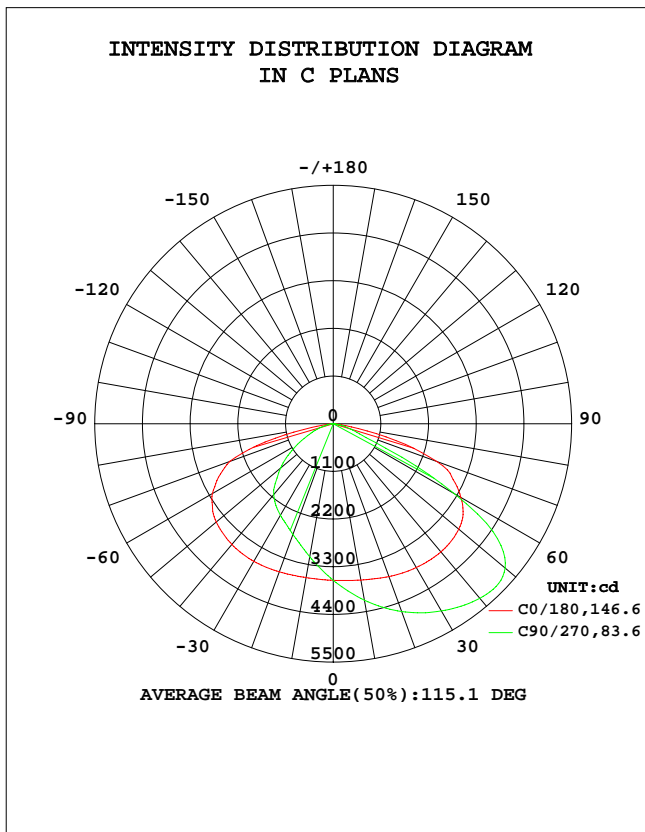


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.4V I:0.4686A P:101.1W PF:0.9838 Freq:50.01Hz Lamp Flux:14645.3x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.81 lm/W			
MODEL	3030	Imax(cd)	5443	η street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	68.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	14645	η house_up(%)	0.0
NOMINAL FLUX(lm)	14645.3	MAXIMUM @(C, γ)	45,56.0	η house_down(%)	31.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.150

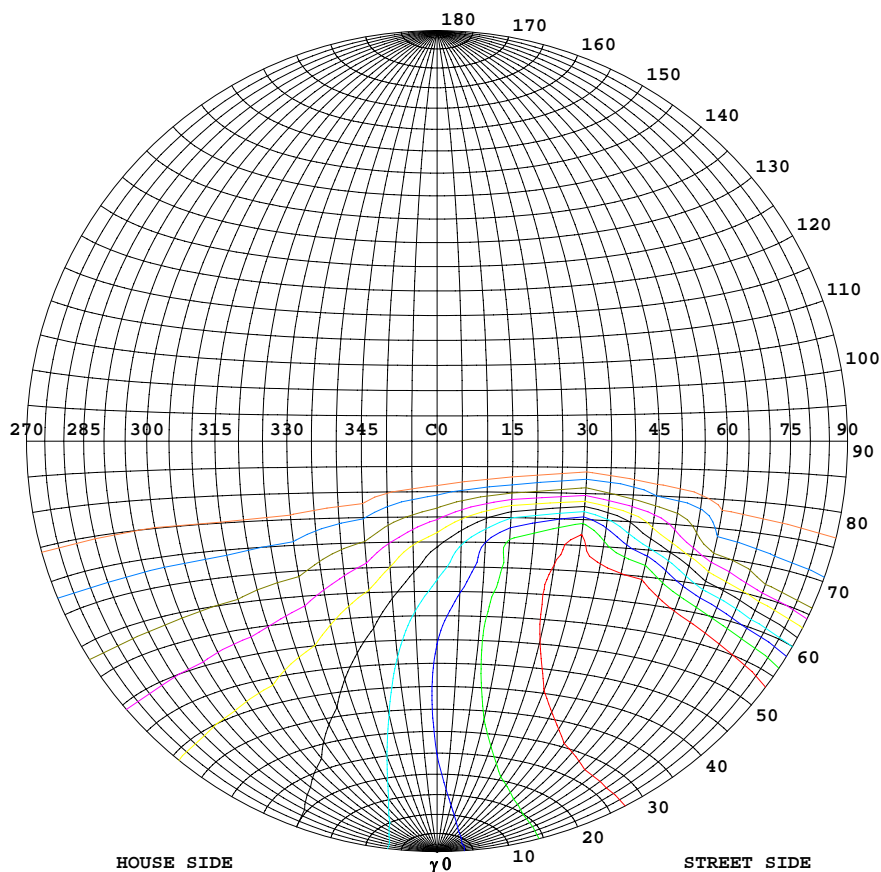


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

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:219.4V I:0.4686A P:101.1W PF:0.9838 Freq:50.01Hz Lamp Flux:14645.3x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



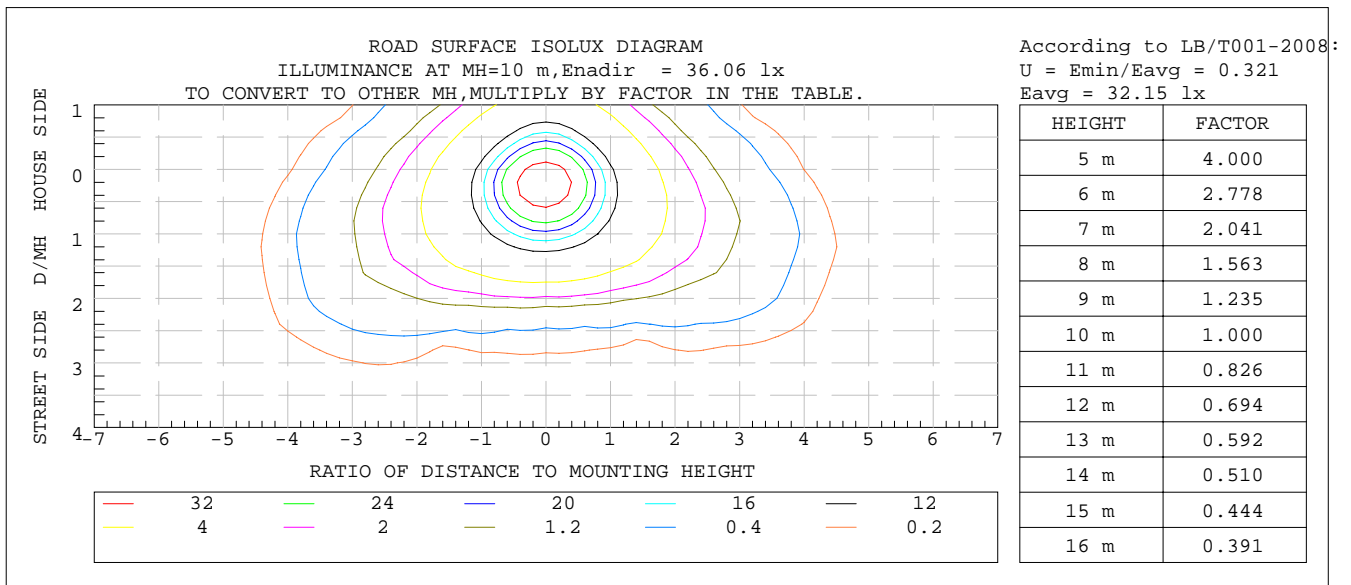
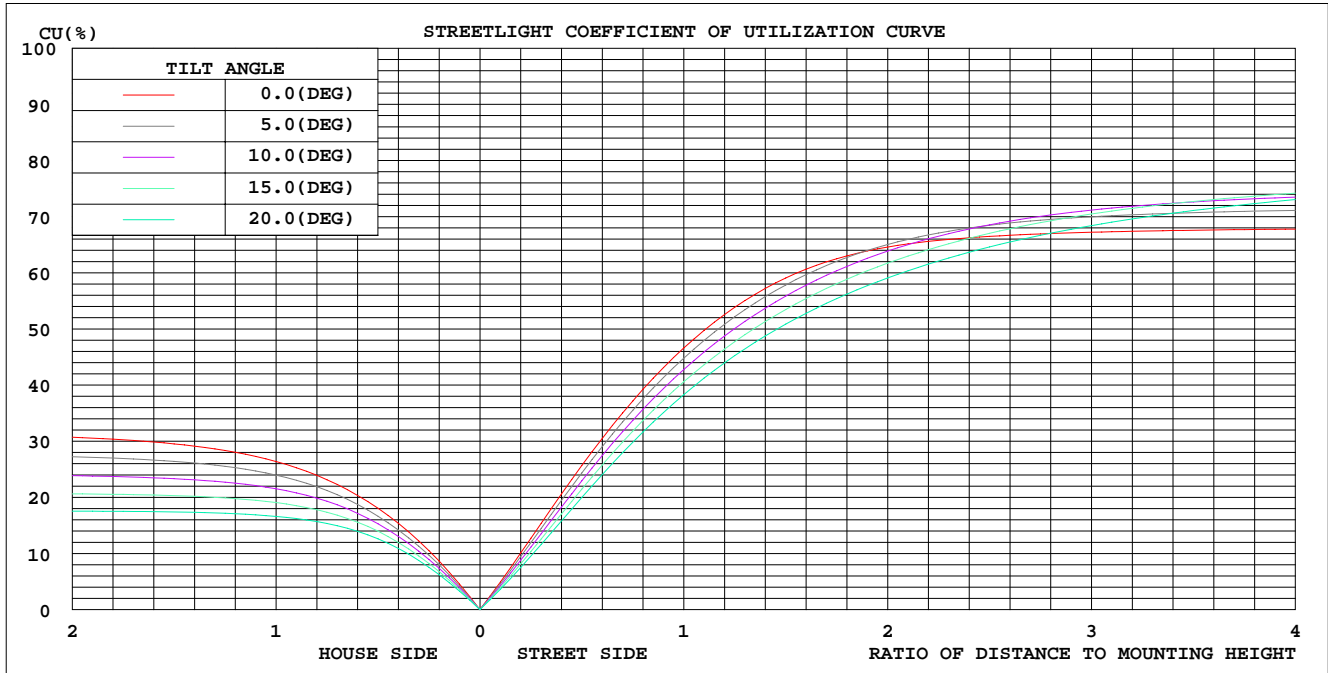
Classification:

IES:Type III - Short
CIE:Broad - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:99.06cd/klm
Max.At90:0cd/klm
Max.80-90:99.06cd/klm
NRB 5101:Semi limited[20.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5443
90%	4899
80%	4354
70%	3810
60%	3266
50%	2721
40%	2177
30%	1633
20%	1089
10%	544
5%	272

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

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: 2024-12-26

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:219.4V I:0.4686A P:101.1W PF:0.9838 Freq:50.01Hz Lamp Flux:14645.3x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

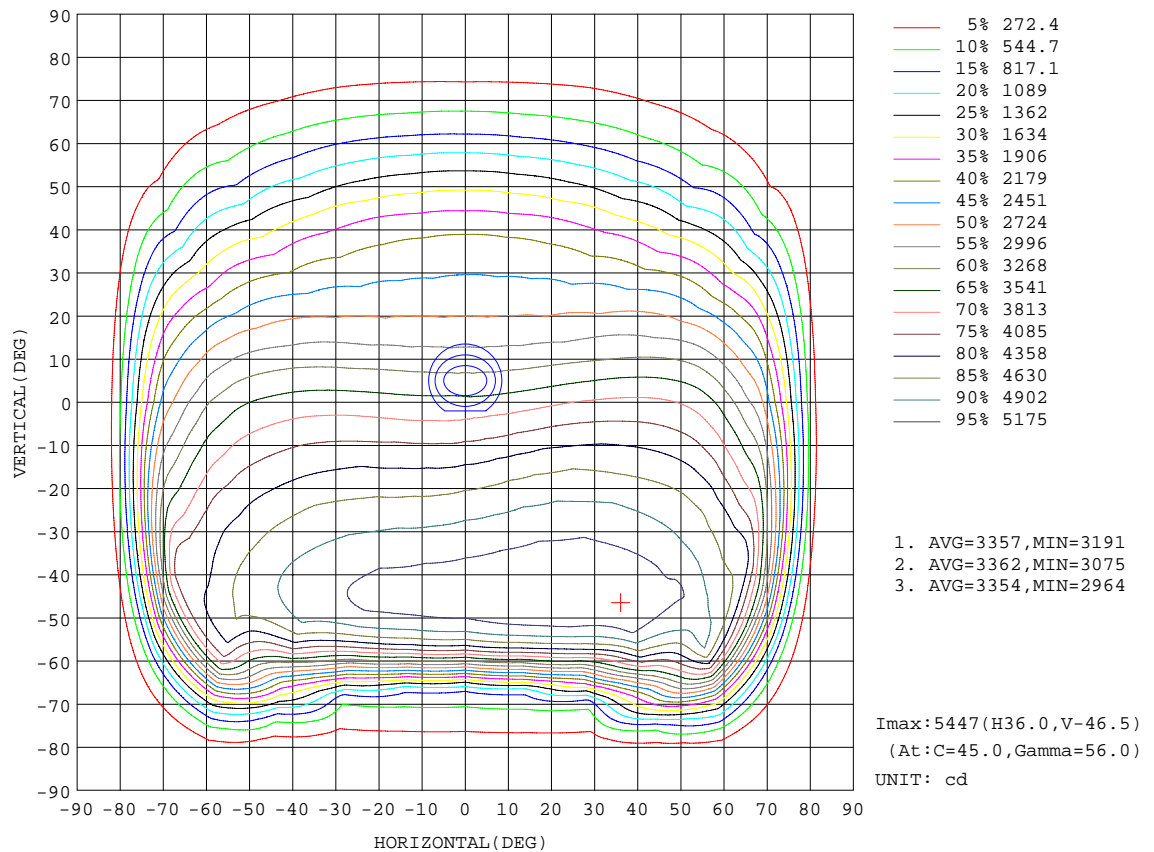
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	3662	4024	4131	3971	3604	3249	3119	3274	0- 10	345.5	345.5	2.36,2.36
20	3751	4495	4608	4336	3636	2923	2720	2948	10- 20	1036	1381	9.43,9.43
30	3829	4869	4986	4656	3665	2620	2439	2655	20- 30	1712	3093	21.1,21.1
40	3861	5151	5258	4917	3637	2293	2136	2325	30- 40	2332	5426	37,37
50	3782	5372	5177	5116	3524	1861	1585	1869	40- 50	2808	8234	56.2,56.2
60	3400	5347	3228	4946	3221	1161	950.5	1140	50- 60	2930	11164	76.2,76.2
70	2540	3398	578.2	2669	2535	524.7	445.5	490.0	60- 70	2253	13417	91.6,91.6
80	432.8	542.5	141.0	378.3	508.5	123.6	108.1	117.6	70- 80	1117	14534	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	111.4	14645	100,100
100	0	0	0	0	0	0	0	0	90-100	0	14645	100,100
110	0	0	0	0	0	0	0	0	100-110	0	14645	100,100
120	0	0	0	0	0	0	0	0	110-120	0	14645	100,100
130	0	0	0	0	0	0	0	0	120-130	0	14645	100,100
140	0	0	0	0	0	0	0	0	130-140	0	14645	100,100
150	0	0	0	0	0	0	0	0	140-150	0	14645	100,100
160	0	0	0	0	0	0	0	0	150-160	0	14645	100,100
170	0	0	0	0	0	0	0	0	160-170	0	14645	100,100
180	0	0	0	0	0	0	0	0	170-180	0	14645	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:2024-12-26

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

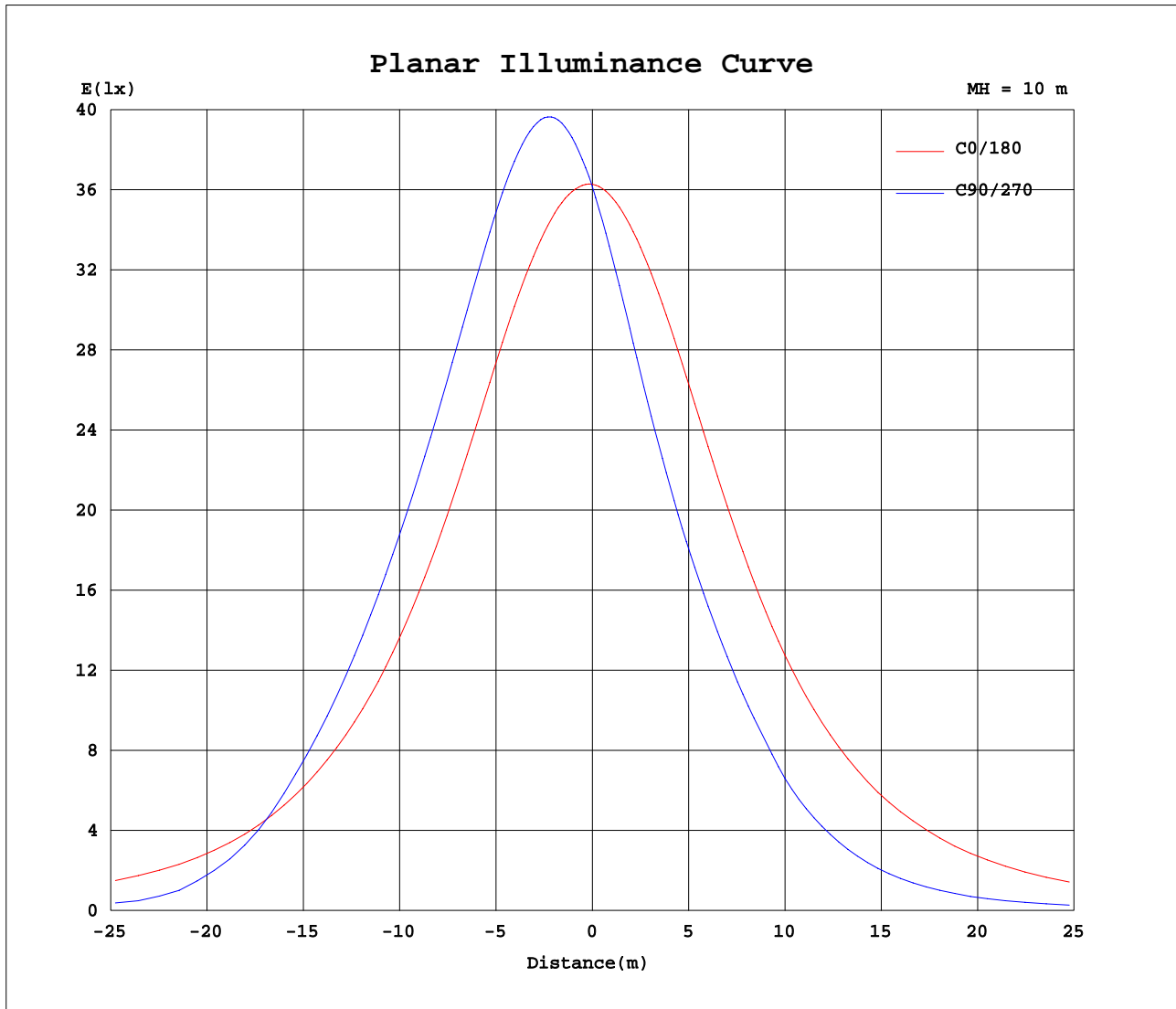
Test:U:219.4V I:0.4686A P:101.1W PF:0.9838 Freq:50.01Hz Lamp Flux:14645.3x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

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



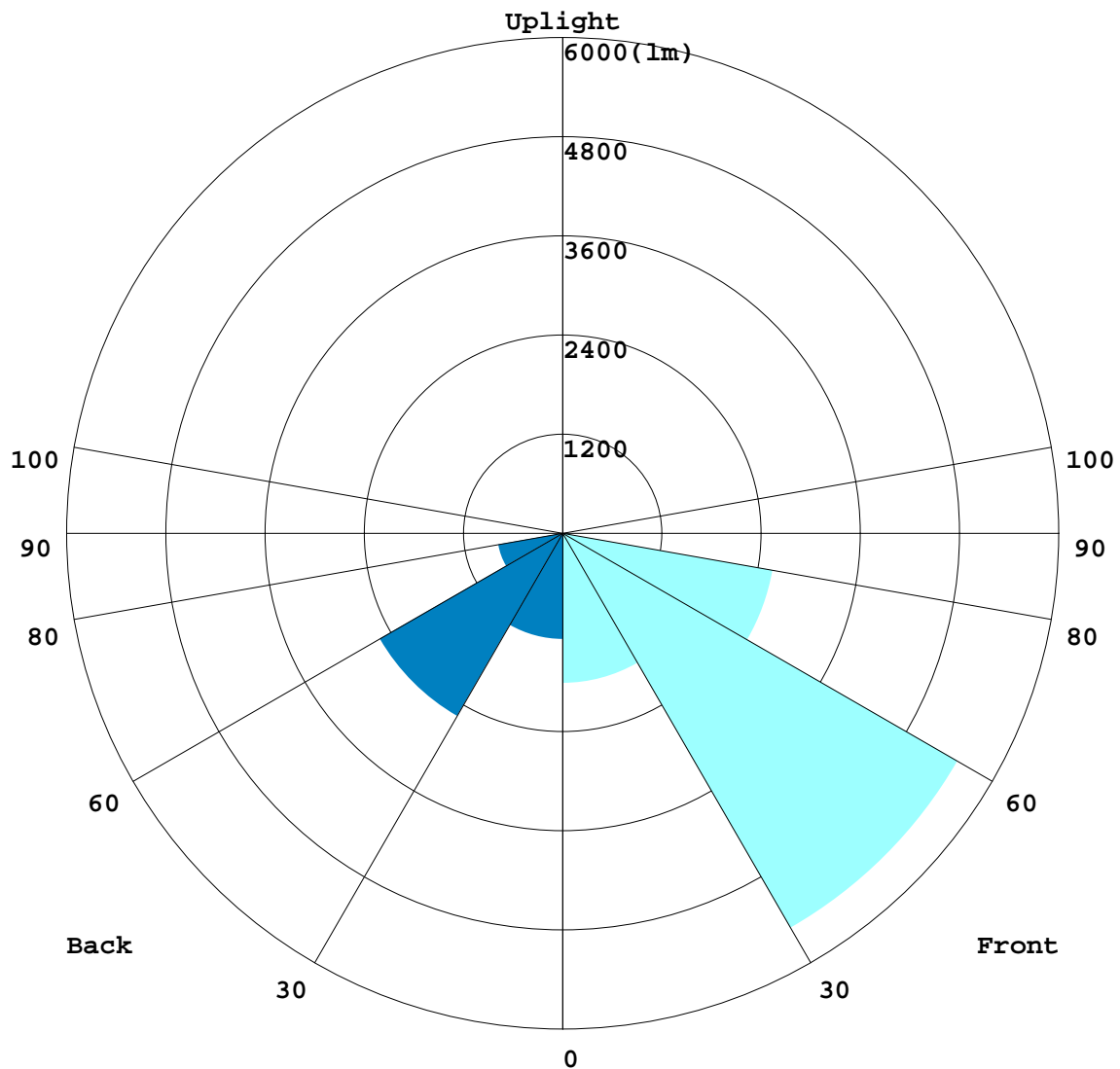
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-26

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:219.4V I:0.4686A P:101.1W PF:0.9838 Freq:50.01Hz Lamp Flux:14645.3x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T321-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:2024-12-26

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:219.4V I:0.4686A P:101.1W PF:0.9838 Freq:50.01Hz Lamp Flux:14645.3x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T321-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)	1811.7	12.4
FM - Front-Medium(30-60)	5515.9	37.7
FH - Front-High(60-80)	2579.8	17.6
FVH - Front-Very High(80-90)	83.248	0.6
Total Forward Light	9990.6	68.2

BL - Back-Low(0-30)	1281.7	8.8
BM - Back-Medium(30-60)	2554.4	17.4
BH - Back-High(60-80)	790.47	5.4
BVH - Back-Very High(80-90)	28.15	0.2
Total Back Light	4654.7	31.8

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	4654.7	0	4654.7
Street Side	9990.6	0	9990.6

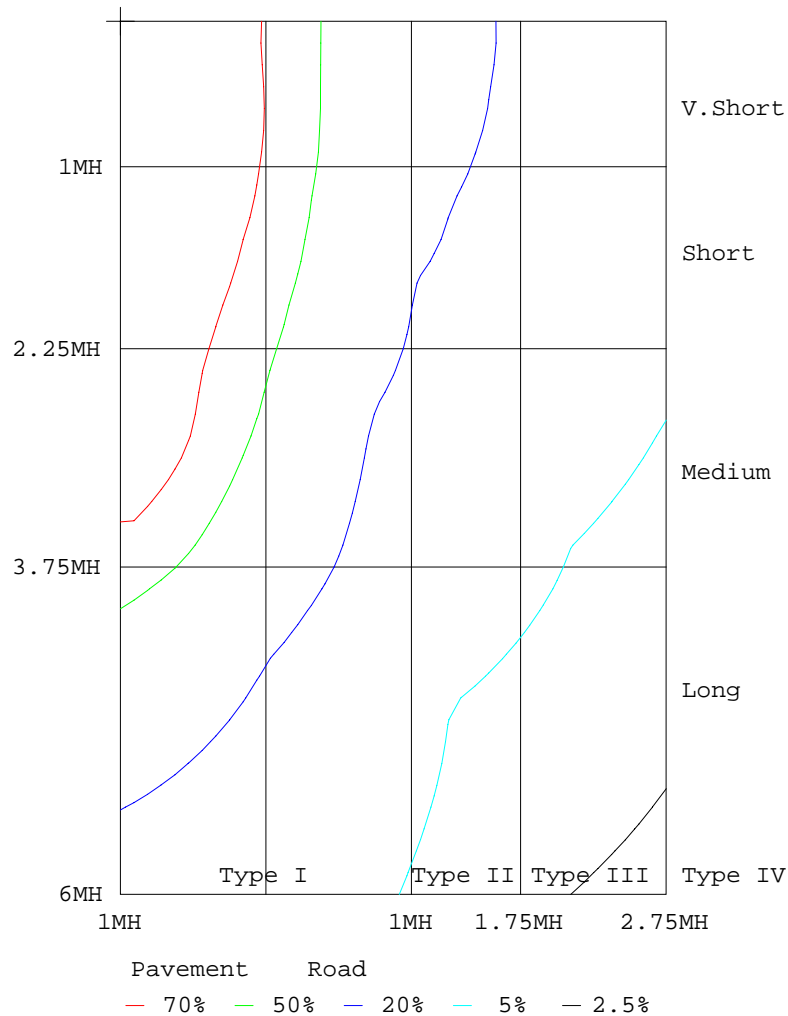
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-26

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:219.4V I:0.4686A P:101.1W PF:0.9838 Freq:50.01Hz Lamp Flux:14645.3x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T321-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:2024-12-26

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:219.4V I:0.4686A P:101.1W PF:0.9838 Freq:50.01Hz Lamp Flux:14645.3x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T321-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	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613
5	3631	3697	3757	3807	3846	3867	3870	3857	3829	3786	3733	3672	3604	3538	3476	3423	3384	3361	3356
10	3662	3797	3925	4024	4093	4129	4131	4104	4049	3971	3866	3739	3604	3472	3351	3249	3175	3130	3119
15	3702	3920	4112	4261	4350	4390	4381	4341	4267	4159	4008	3820	3617	3414	3234	3083	2979	2917	2900
20	3751	4050	4311	4495	4590	4628	4608	4556	4464	4336	4149	3908	3636	3362	3114	2923	2802	2735	2720
25	3797	4175	4492	4697	4798	4834	4814	4753	4645	4501	4288	3998	3655	3300	2991	2769	2643	2575	2564
30	3829	4285	4645	4869	4977	5011	4986	4931	4819	4656	4416	4075	3665	3233	2862	2620	2493	2443	2439
35	3854	4370	4769	5018	5133	5173	5139	5093	4978	4798	4523	4139	3660	3150	2727	2467	2356	2312	2305
40	3861	4441	4871	5151	5276	5307	5258	5226	5125	4917	4614	4190	3637	3043	2568	2293	2196	2151	2136
45	3841	4498	4960	5268	5385	5378	5310	5292	5226	5027	4686	4216	3591	2903	2370	2104	1999	1897	1864
50	3782	4542	5041	5372	5424	5326	5177	5207	5245	5116	4753	4234	3524	2727	2125	1861	1685	1606	1585
55	3655	4555	5104	5439	5251	4911	4626	4747	5011	5148	4796	4238	3399	2488	1816	1515	1377	1295	1271
60	3400	4524	5156	5347	4565	3713	3228	3536	4214	4946	4815	4230	3221	2157	1459	1161	1053	976	951
65	3051	4445	5131	4798	2949	1927	1338	1698	2605	4220	4764	4171	2922	1714	1016	822	748	670	655
70	2540	4421	5013	3398	1267	679	578	630	946	2669	4490	4261	2535	1136	638	525	484	450	445
75	1498	3214	4050	2009	447	368	329	352	401	1391	3576	3503	1631	570	339	291	281	262	241
80	433	1002	1451	543	190	158	141	149	171	378	1310	1209	509	182	137	124	124	110	108
85	60.0	92.5	170	80.5	51.1	41.9	36.0	38.7	45.1	67.6	174	102	61.4	42.1	33.9	31.0	33.2	31.8	32.9
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:2024-12-26

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:219.4V I:0.4686A P:101.1W PF:0.9838 Freq:50.01Hz Lamp Flux:14645.3x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-100WiLE-NV-L3-00-5070-T321-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	3613	3613	3613	3613	3613													
5	3366	3396	3439	3496	3561													
10	3138	3191	3274	3386	3517													
15	2924	2992	3111	3275	3477													
20	2742	2816	2948	3161	3437													
25	2586	2661	2794	3038	3390													
30	2456	2514	2655	2912	3331													
35	2320	2376	2500	2782	3260													
40	2157	2213	2325	2631	3162													
45	1894	2006	2123	2436	3033													
50	1602	1678	1869	2186	2855													
55	1283	1362	1501	1863	2600													
60	960	1023	1140	1472	2228													
65	655	714	787	988	1743													
70	443	468	490	595	1126													
75	258	277	279	310	518													
80	109	123	118	128	165													
85	32.0	33.5	31.8	33.8	41.7													
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:2024-12-26

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: