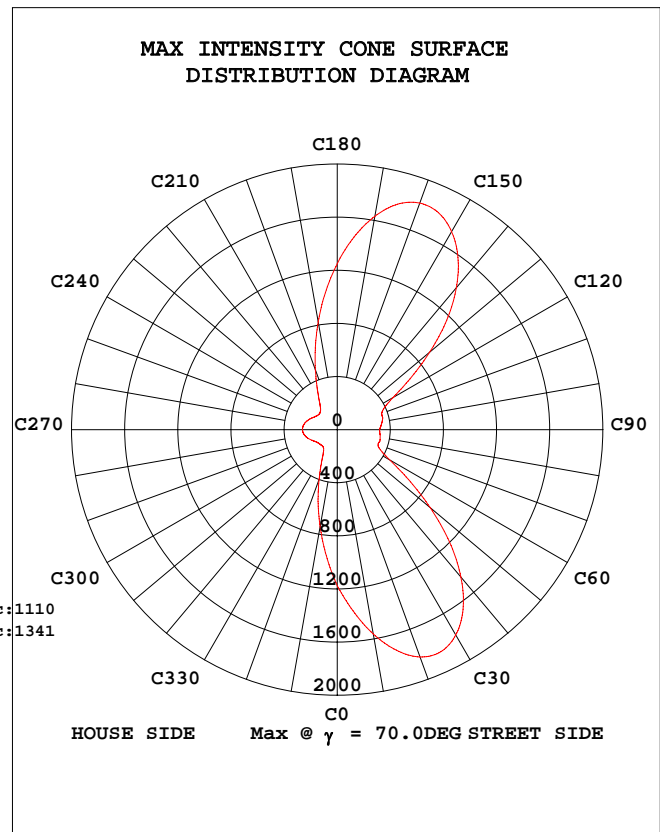
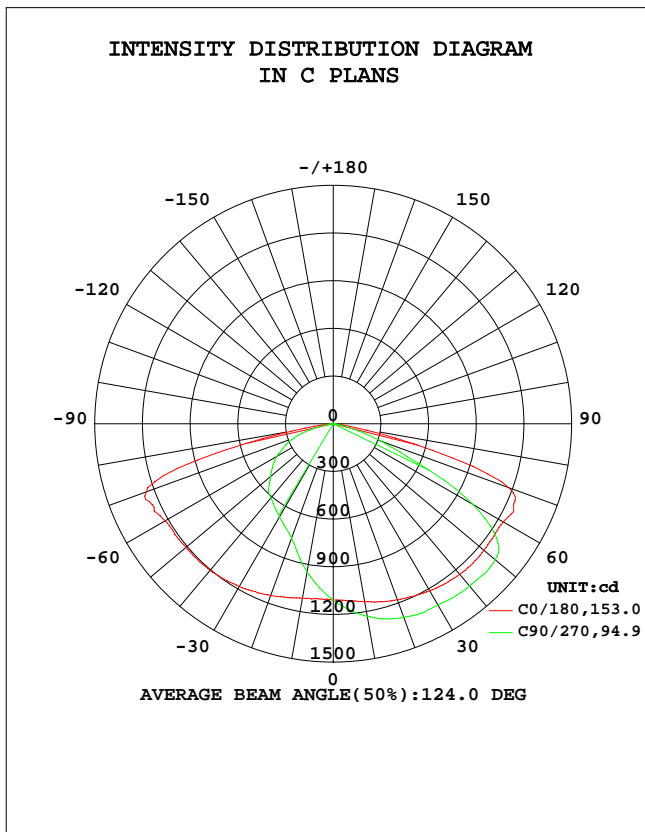


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.1421A P:30.10W PF:0.9656 Freq:50.01Hz Lamp Flux:4576.86x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WILE-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: 152.06 lm/W			
MODEL	3030	I _{max} (cd)	1785	η street_up(%)	0.0
NOMINAL POWER(W)	30	LOR(%)	100.0	η street_down(%)	65.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4577	η house_up(%)	0.0
NOMINAL FLUX(lm)	4576.86	MAXIMUM @(C,γ)	30,70.0	η house_down(%)	34.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	18.665

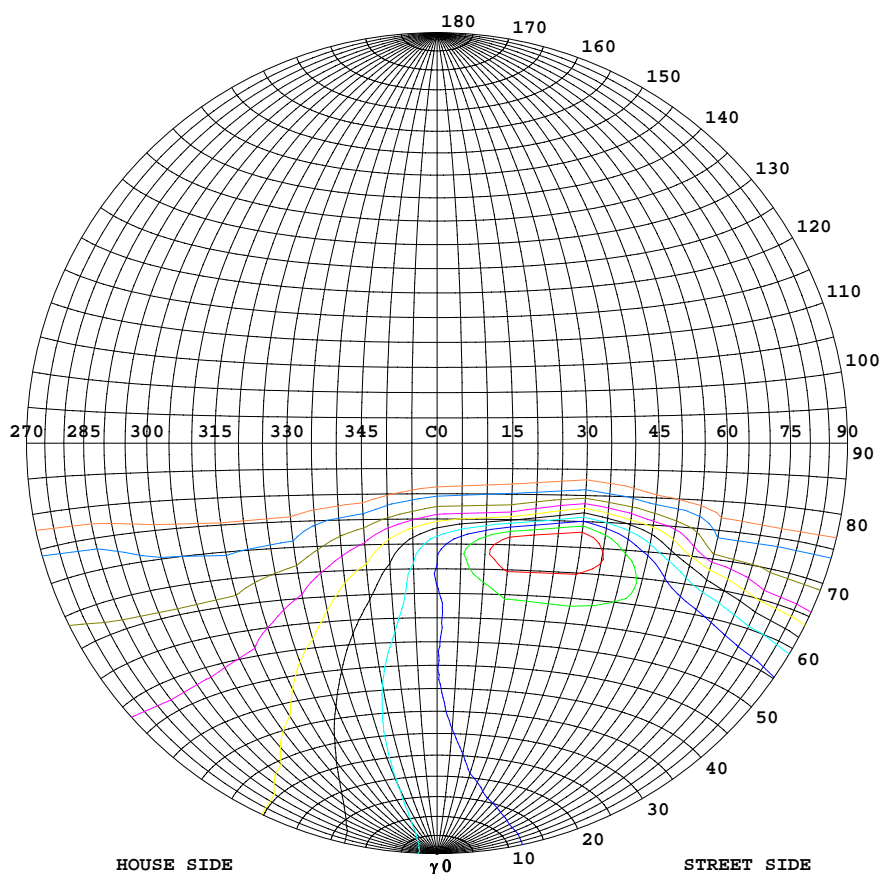


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-22

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:0.1421A P:30.10W PF:0.9656 Freq:50.01Hz Lamp Flux:4576.86x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



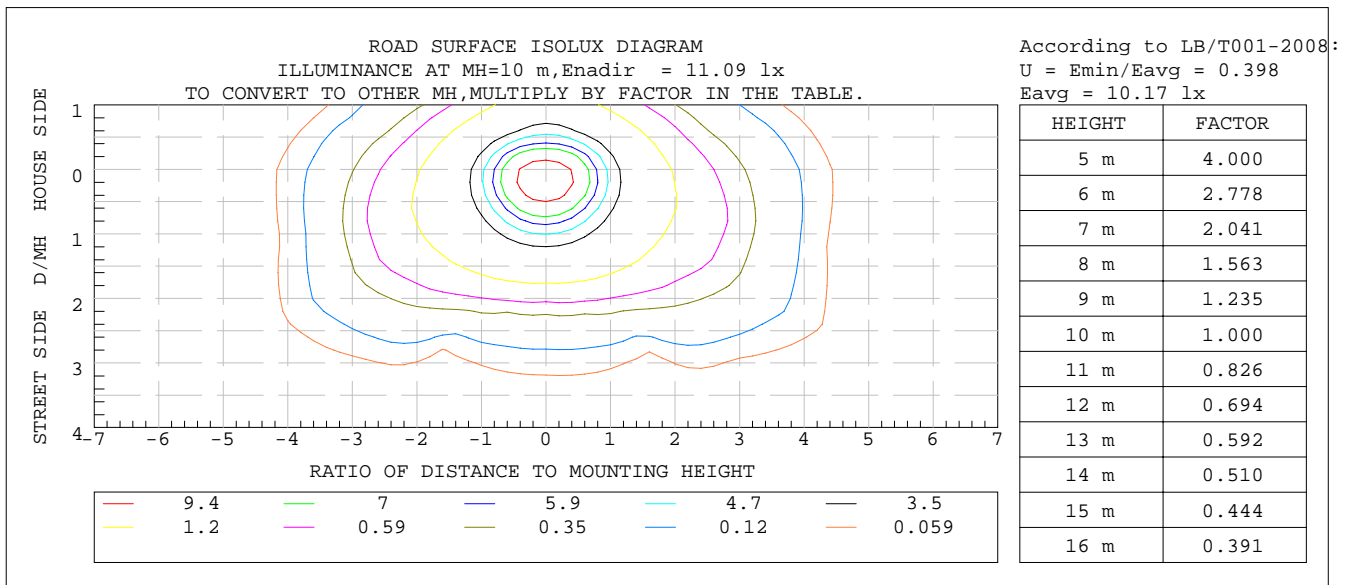
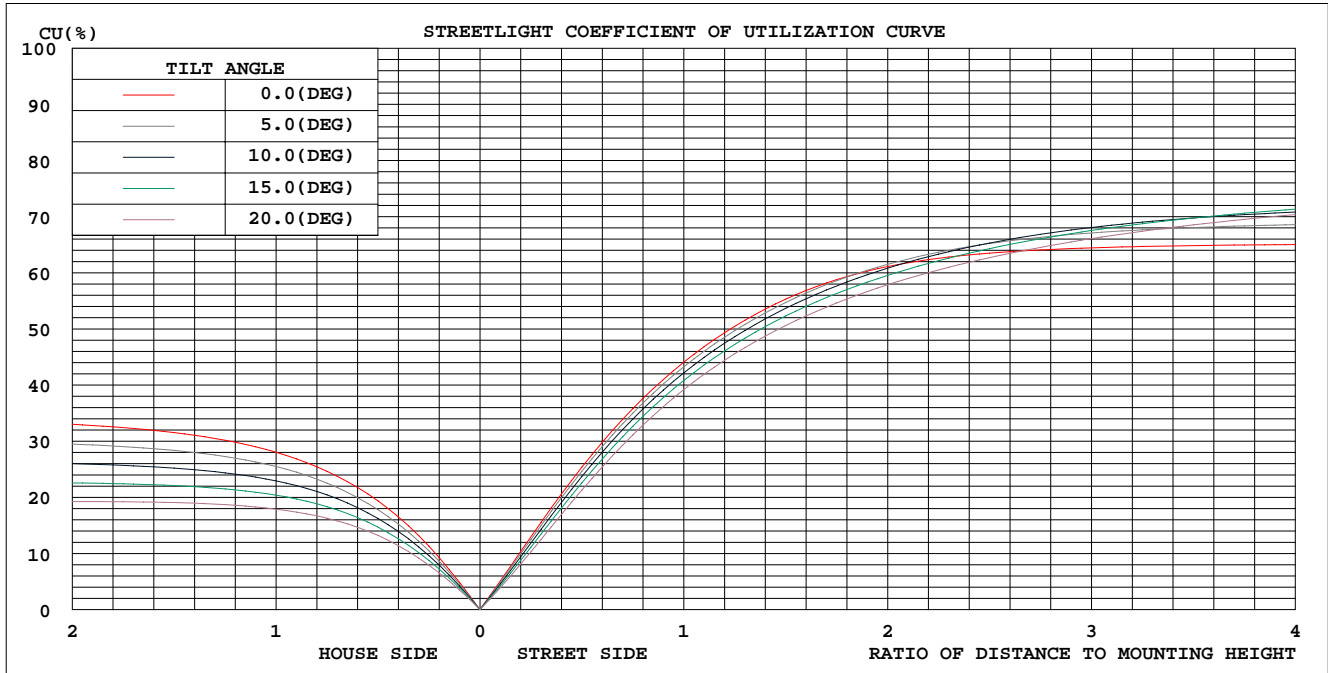
Classification:

IES:Type III - Medium
CIE:Broad - Long
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:102.2cd/klm
Max.At90:0cd/klm
Max.80-90:102.2cd/klm
NRB 5101:Limited[4.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1785
90%	1606
80%	1428
70%	1249
60%	1071
50%	892
40%	714
30%	535
20%	357
10%	178
5%	89

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-22

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: 2024-12-22

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:0.1421A P:30.10W PF:0.9656 Freq:50.01Hz Lamp Flux:4576.86x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

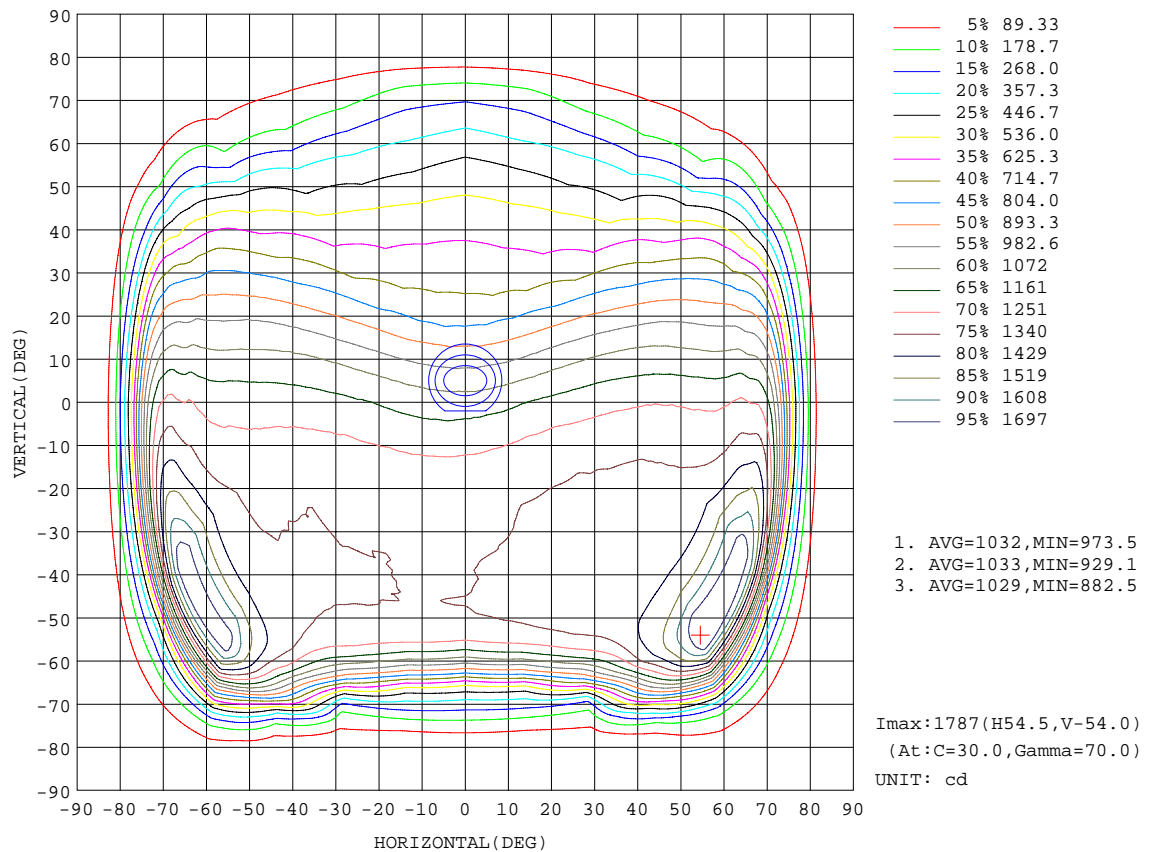
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1137	1213	1230	1199	1114	1000	945.8	1012	0- 10	105.8	105.8	2.31,2.31
20	1179	1301	1295	1275	1150	896.9	766.6	913.2	10- 20	312.6	418.4	9.14,9.14
30	1213	1347	1317	1322	1182	797.3	675.9	806.1	20- 30	505.3	923.6	20.2,20.2
40	1237	1369	1333	1340	1205	690.8	609.3	680.4	30- 40	675.1	1599	34.9,34.9
50	1238	1388	1330	1350	1209	575.6	514.6	556.4	40- 50	809.0	2408	52.6,52.6
60	1237	1410	1015	1358	1221	409.7	410.4	392.1	50- 60	880.5	3288	71.8,71.8
70	1175	1196	318.4	1167	1251	183.8	262.2	167.7	60- 70	824.0	4112	89.8,89.8
80	145.6	106.9	34.18	121.5	266.7	48.57	44.80	36.56	70- 80	433.0	4545	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	31.73	4577	100,100
100	0	0	0	0	0	0	0	0	90-100	0	4577	100,100
110	0	0	0	0	0	0	0	0	100-110	0	4577	100,100
120	0	0	0	0	0	0	0	0	110-120	0	4577	100,100
130	0	0	0	0	0	0	0	0	120-130	0	4577	100,100
140	0	0	0	0	0	0	0	0	130-140	0	4577	100,100
150	0	0	0	0	0	0	0	0	140-150	0	4577	100,100
160	0	0	0	0	0	0	0	0	150-160	0	4577	100,100
170	0	0	0	0	0	0	0	0	160-170	0	4577	100,100
180	0	0	0	0	0	0	0	0	170-180	0	4577	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:2024-12-22

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

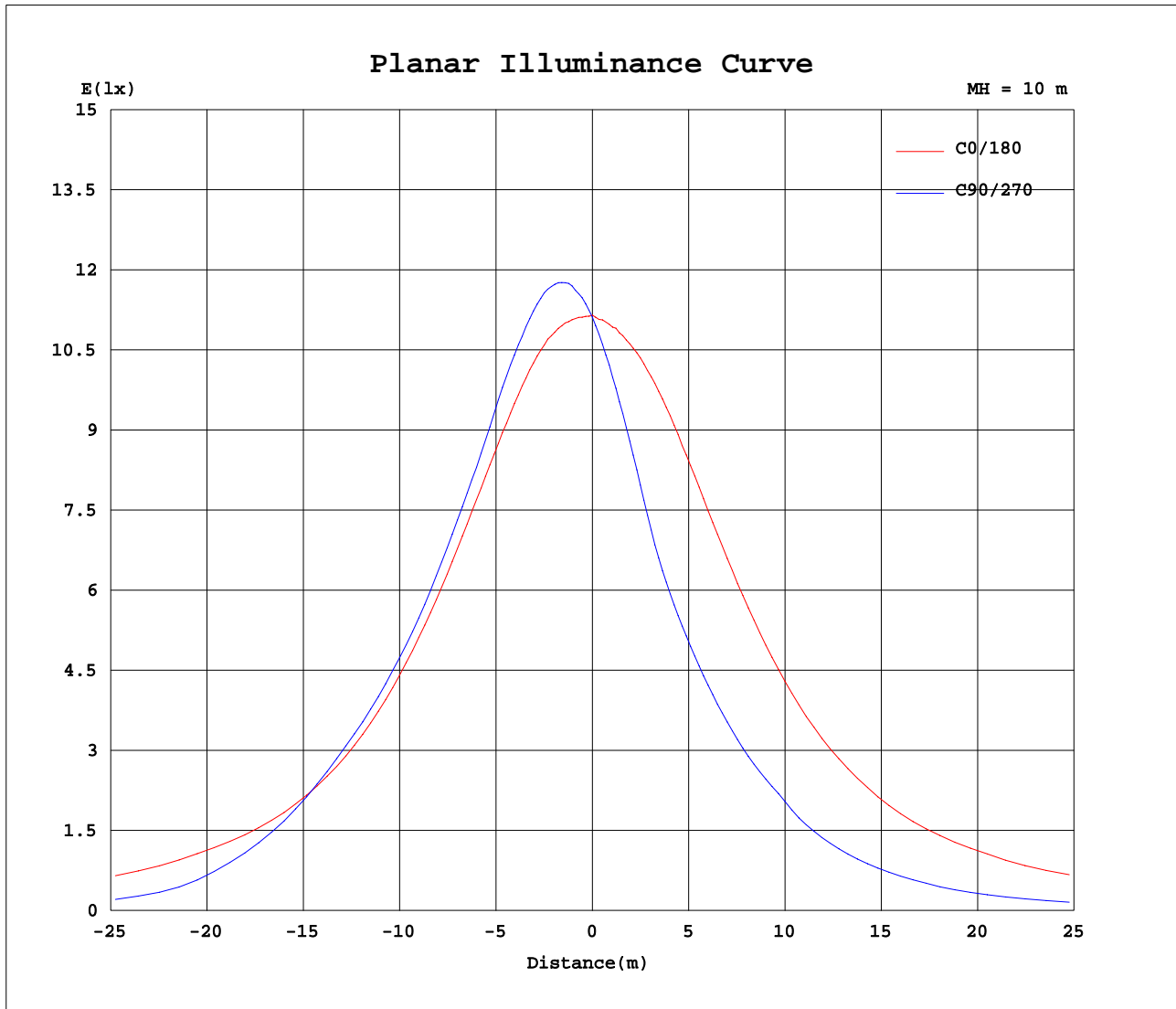
Test:U:219.3V I:0.1421A P:30.10W PF:0.9656 Freq:50.01Hz Lamp Flux:4576.86x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-22

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



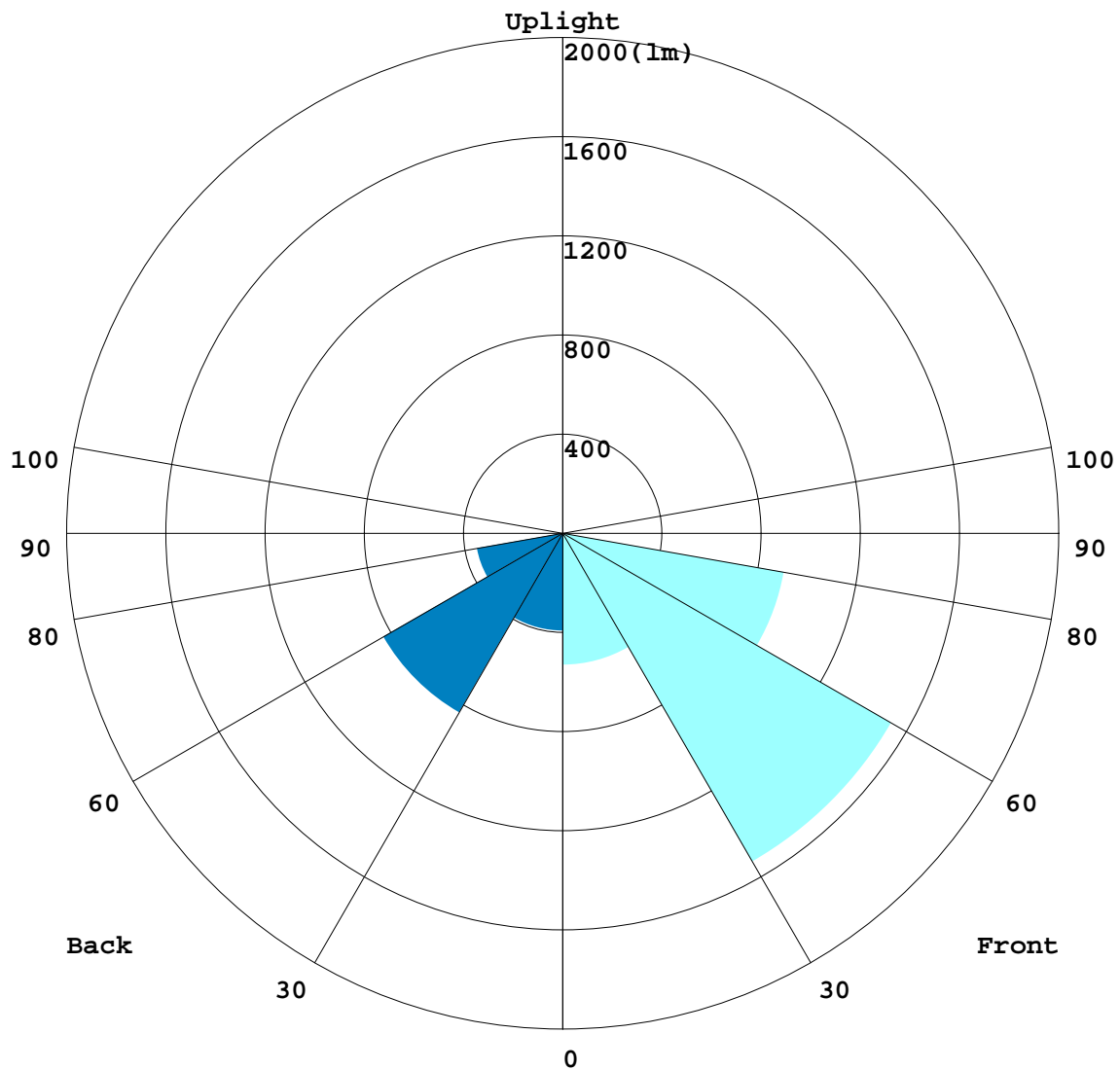
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-22

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:0.1421A P:30.10W PF:0.9656 Freq:50.01Hz Lamp Flux:4576.86x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-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:2024-12-22

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:0.1421A P:30.10W PF:0.9656 Freq:50.01Hz Lamp Flux:4576.86x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-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)	530.62	11.6
FM - Front-Medium(30-60)	1529.6	33.4
FH - Front-High(60-80)	905.74	19.8
FVH - Front-Very High(80-90)	20.797	0.5
Total Forward Light	2986.8	65.3

BL - Back-Low(0-30)	393.02	8.6
BM - Back-Medium(30-60)	834.94	18.2
BH - Back-High(60-80)	351.21	7.7
BVH - Back-Very High(80-90)	10.938	0.2
Total Back Light	1590.1	34.7

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	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1590.1	0	1590.1
Street Side	2986.8	0	2986.8

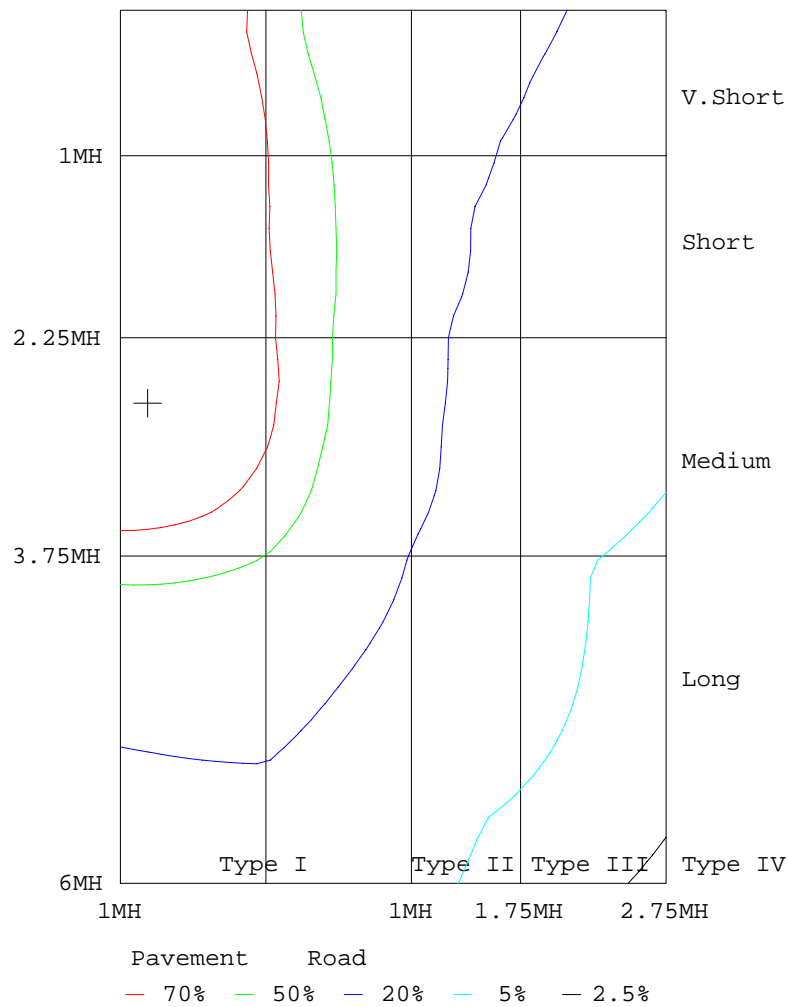
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-22

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:0.1421A P:30.10W PF:0.9656 Freq:50.01Hz Lamp Flux:4576.86x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-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:2024-12-22

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:0.1421A P:30.10W PF:0.9656 Freq:50.01Hz Lamp Flux:4576.86x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-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	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110
5	1117	1137	1153	1160	1171	1174	1174	1174	1164	1154	1144	1125	1106	1091	1071	1052	1042	1033	1033
10	1137	1171	1197	1213	1224	1230	1230	1228	1213	1199	1181	1151	1114	1083	1040	1000	971	950	946
15	1160	1208	1239	1260	1269	1274	1271	1269	1256	1239	1217	1180	1132	1079	1013	950	899	862	852
20	1179	1242	1280	1301	1304	1298	1295	1294	1286	1275	1252	1212	1150	1078	990	897	822	777	767
25	1198	1269	1313	1327	1327	1320	1315	1316	1308	1299	1281	1240	1165	1078	963	848	762	723	715
30	1213	1297	1336	1347	1346	1331	1317	1318	1323	1322	1306	1263	1182	1076	937	797	712	683	676
35	1228	1320	1354	1367	1356	1342	1329	1327	1331	1337	1323	1286	1195	1069	903	744	666	646	642
40	1237	1335	1368	1369	1368	1355	1333	1336	1342	1340	1339	1304	1205	1059	863	691	621	609	609
45	1242	1346	1374	1377	1372	1355	1339	1339	1344	1346	1344	1313	1209	1040	815	635	577	568	577
50	1238	1357	1379	1388	1373	1348	1330	1337	1342	1350	1346	1321	1209	1009	757	576	516	497	515
55	1233	1379	1397	1396	1366	1302	1255	1296	1328	1350	1355	1342	1216	964	682	507	439	439	465
60	1237	1445	1454	1410	1282	1097	1015	1100	1257	1358	1386	1395	1221	907	592	410	371	378	410
65	1253	1623	1616	1405	994	689	585	716	997	1347	1507	1547	1244	809	474	305	291	310	340
70	1175	1718	1785	1196	455	334	318	355	484	1167	1722	1758	1251	638	280	184	196	241	262
75	647	857	1264	653	138	130	138	140	149	720	1441	1174	886	373	129	111	114	149	153
80	146	187	280	107	45.8	38.4	34.2	36.9	49.7	121	468	274	267	95.1	49.4	48.6	52.1	48.5	44.8
85	16.6	22.4	25.7	16.8	11.4	10.2	7.62	10.00	14.0	23.0	48.4	38.8	32.3	17.8	13.2	12.2	13.4	12.2	12.0
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:2024-12-22

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:0.1421A P:30.10W PF:0.9656 Freq:50.01Hz Lamp Flux:4576.86x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-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	1110	1110	1110	1110	1110														
5	1036	1046	1059	1082	1099														
10	954	979	1012	1055	1099														
15	865	905	962	1034	1102														
20	784	835	913	1009	1104														
25	721	766	864	985	1106														
30	677	705	806	955	1106														
35	638	655	743	918	1096														
40	606	610	680	870	1080														
45	570	568	620	811	1055														
50	503	504	556	744	1012														
55	448	439	476	655	956														
60	384	373	392	552	878														
65	309	282	279	410	764														
70	235	184	168	214	559														
75	139	101	94.7	105	251														
80	40.5	42.7	36.6	36.2	50.8														
85	10.6	10.1	8.60	9.31	12.8														
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:2024-12-22

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: