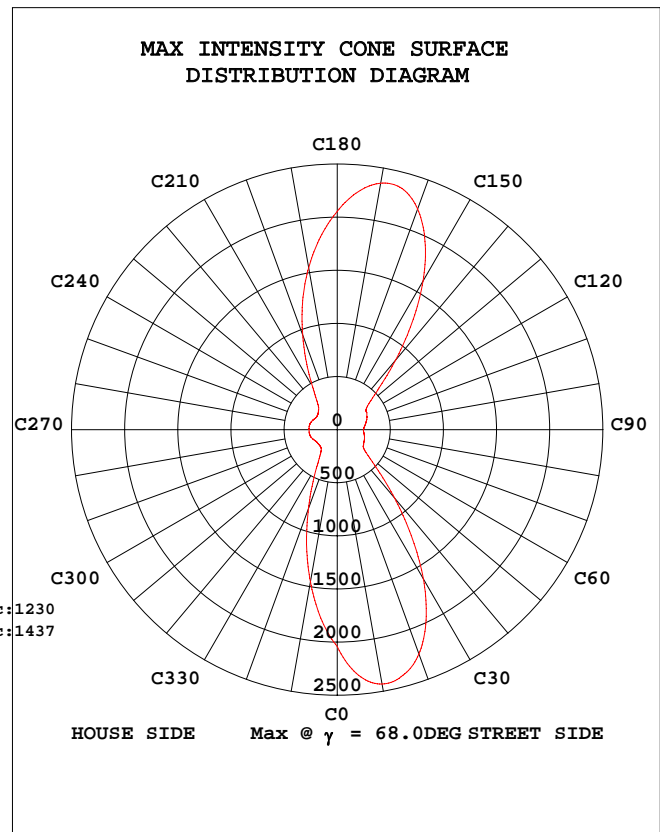
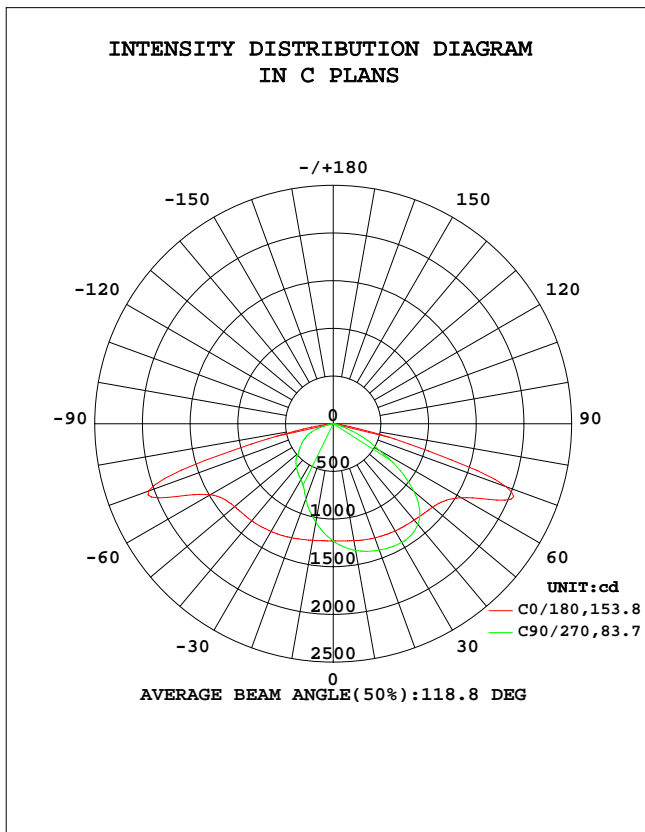


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.1360A P:29.53W PF:0.9900 Freq:50.01Hz Lamp Flux:4764.98x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 161.34 lm/W			
MODEL	3030	I _{max} (cd)	2392	η street_up(%)	0.0
NOMINAL POWER(W)	30	LOR(%)	100.0	η street_down(%)	62.4
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4765	η house_up(%)	0.0
NOMINAL FLUX(lm)	4764.98	MAXIMUM @(C,γ)	15,68.0	η house_down(%)	37.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.057

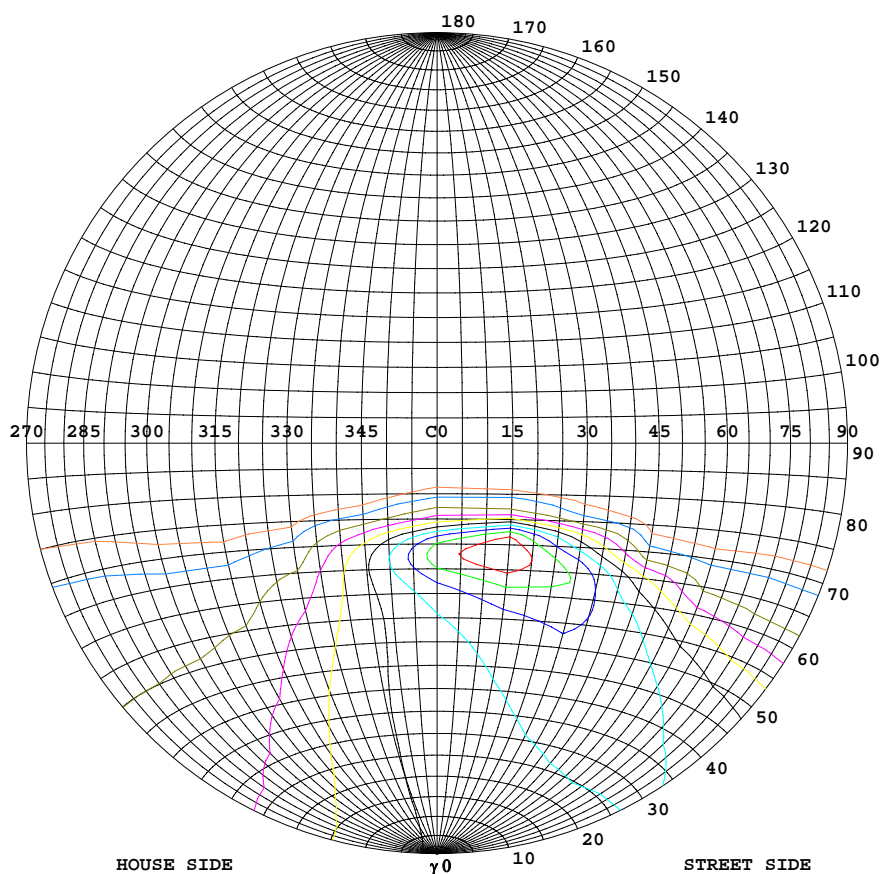


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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:0.1360A P:29.53W PF:0.9900 Freq:50.01Hz Lamp Flux:4764.98x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



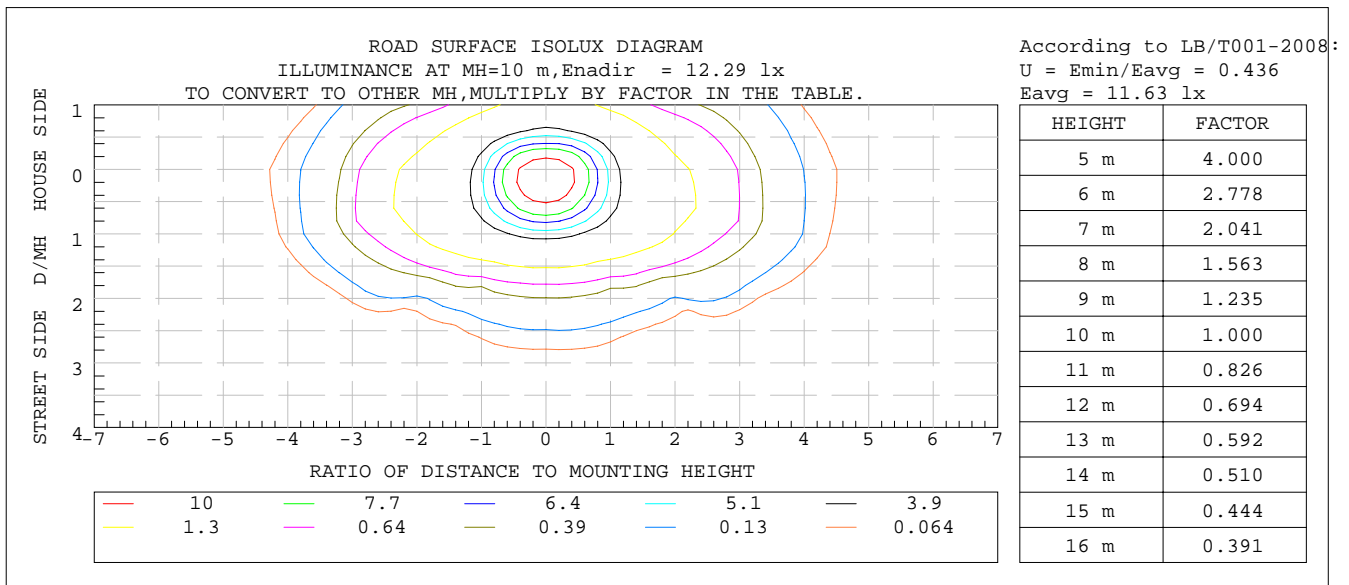
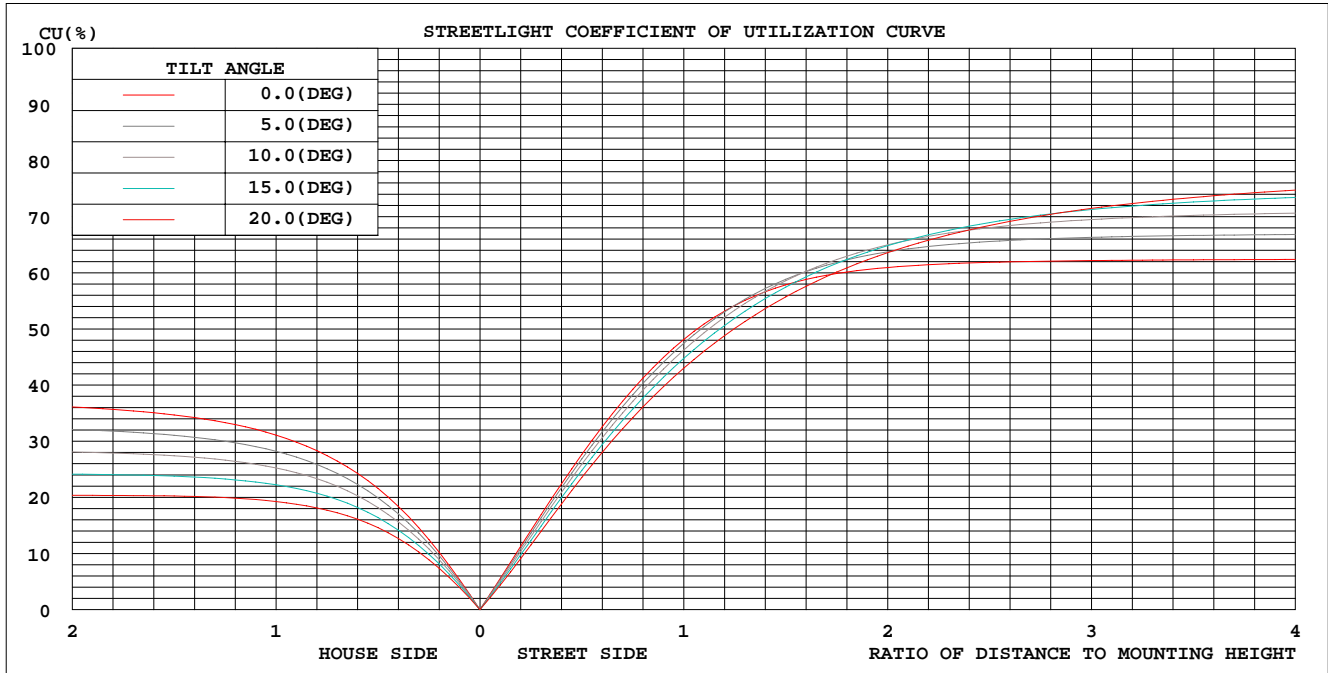
Classification:

IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:67.15cd/klm
Max.At90:0cd/klm
Max.80-90:67.15cd/klm
NRB 5101:Limited[4.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2392
90%	2153
80%	1913
70%	1674
60%	1435
50%	1196
40%	957
30%	718
20%	478
10%	239
5%	120

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

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: 2024-12-12

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:0.1360A P:29.53W PF:0.9900 Freq:50.01Hz Lamp Flux:4764.98x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

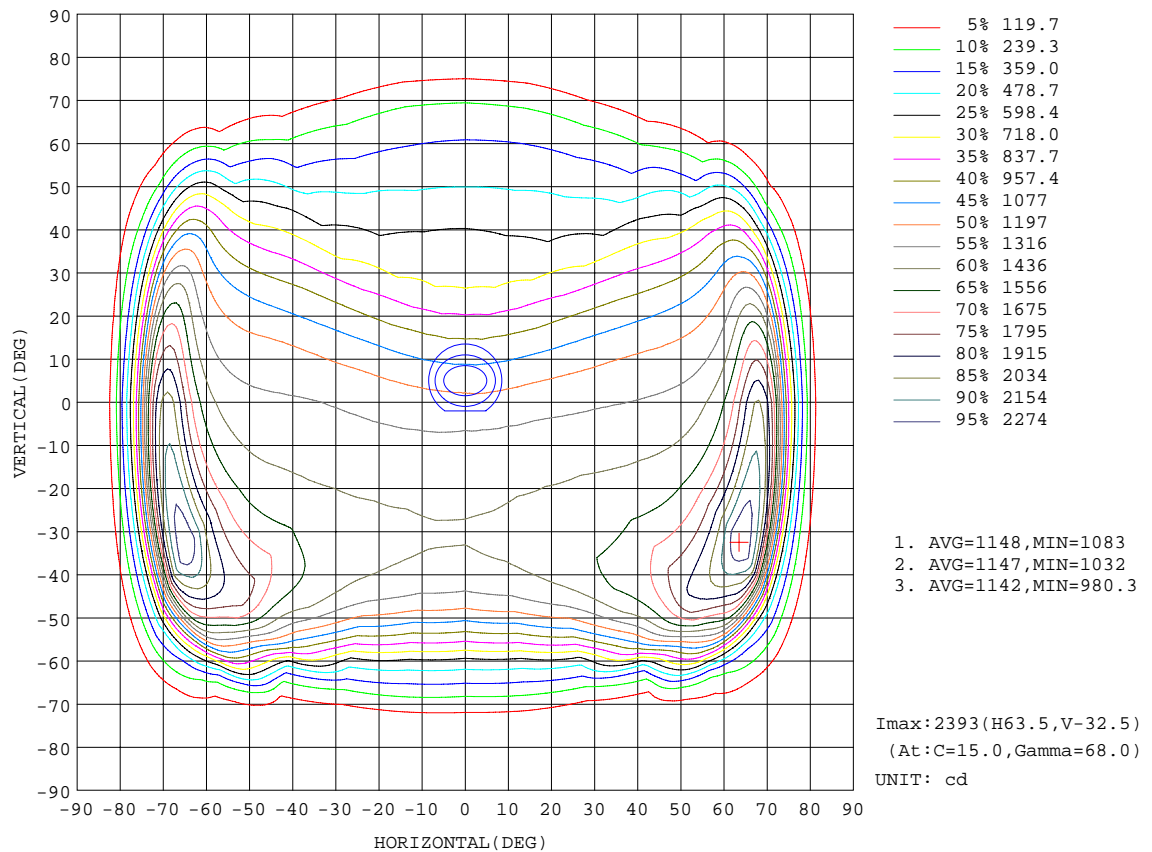
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1245	1324	1348	1322	1241	1119	1050	1118	0- 10	117.0	117.0	2.45,2.45
20	1274	1397	1410	1391	1273	1009	841.7	1002	10- 20	343.1	460.1	9.66,9.66
30	1299	1453	1437	1437	1305	895.6	680.4	884.8	20- 30	548.2	1008	21.2,21.2
40	1320	1520	1379	1492	1329	760.9	599.8	735.8	30- 40	728.3	1737	36.4,36.4
50	1361	1567	1104	1533	1352	610.2	476.3	577.3	40- 50	864.1	2601	54.6,54.6
60	1552	1351	561.1	1318	1491	419.0	371.1	392.3	50- 60	910.6	3511	73.7,73.7
70	1928	324.4	173.2	356.1	2057	186.5	227.8	162.2	60- 70	860.3	4372	91.7,91.7
80	179.6	34.03	28.98	40.96	320.0	34.07	33.27	26.86	70- 80	373.2	4745	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	20.28	4765	100,100
100	0	0	0	0	0	0	0	0	90-100	0	4765	100,100
110	0	0	0	0	0	0	0	0	100-110	0	4765	100,100
120	0	0	0	0	0	0	0	0	110-120	0	4765	100,100
130	0	0	0	0	0	0	0	0	120-130	0	4765	100,100
140	0	0	0	0	0	0	0	0	130-140	0	4765	100,100
150	0	0	0	0	0	0	0	0	140-150	0	4765	100,100
160	0	0	0	0	0	0	0	0	150-160	0	4765	100,100
170	0	0	0	0	0	0	0	0	160-170	0	4765	100,100
180	0	0	0	0	0	0	0	0	170-180	0	4765	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:2024-12-12

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

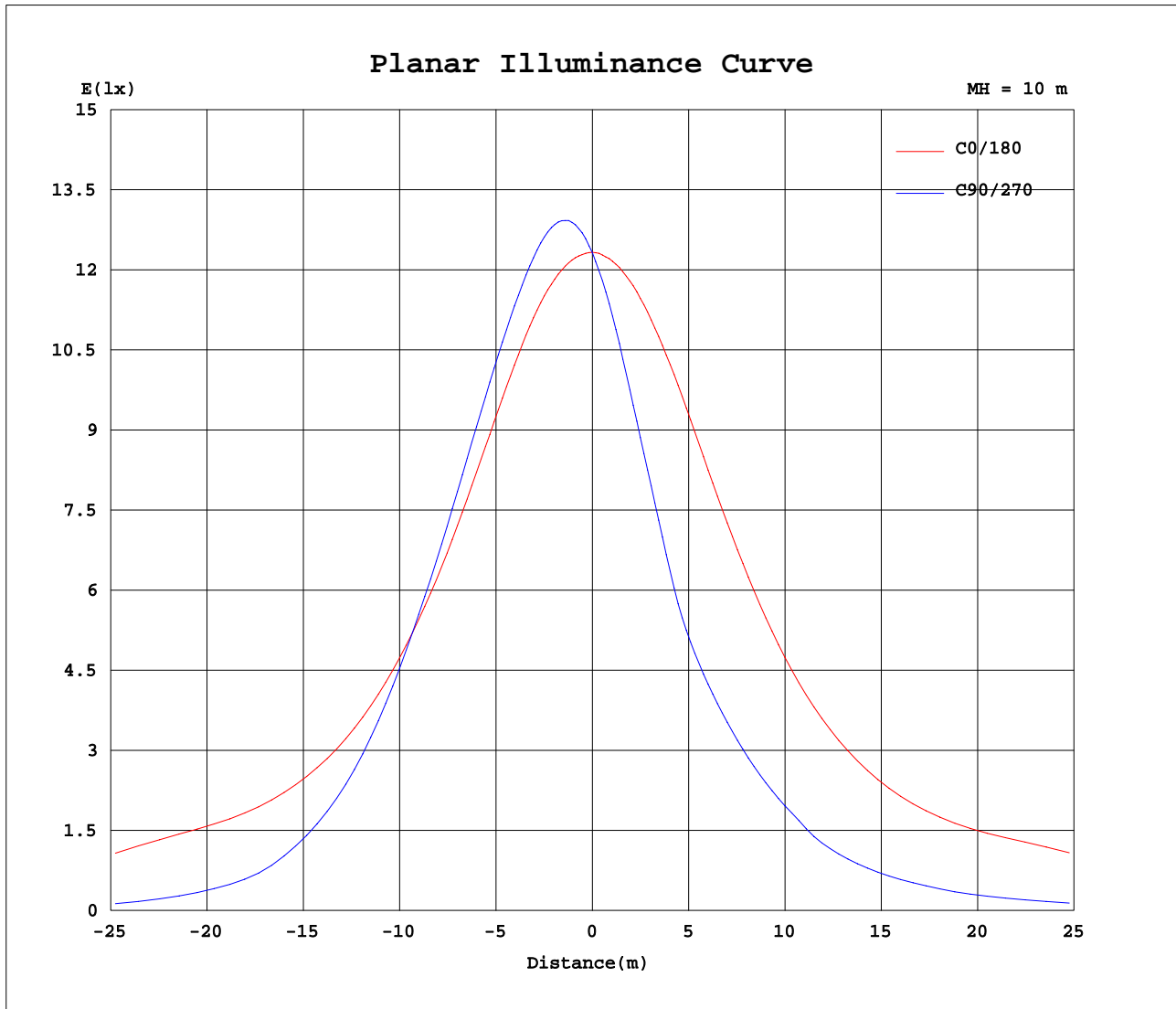
Test:U:219.3V I:0.1360A P:29.53W PF:0.9900 Freq:50.01Hz Lamp Flux:4764.98x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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

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



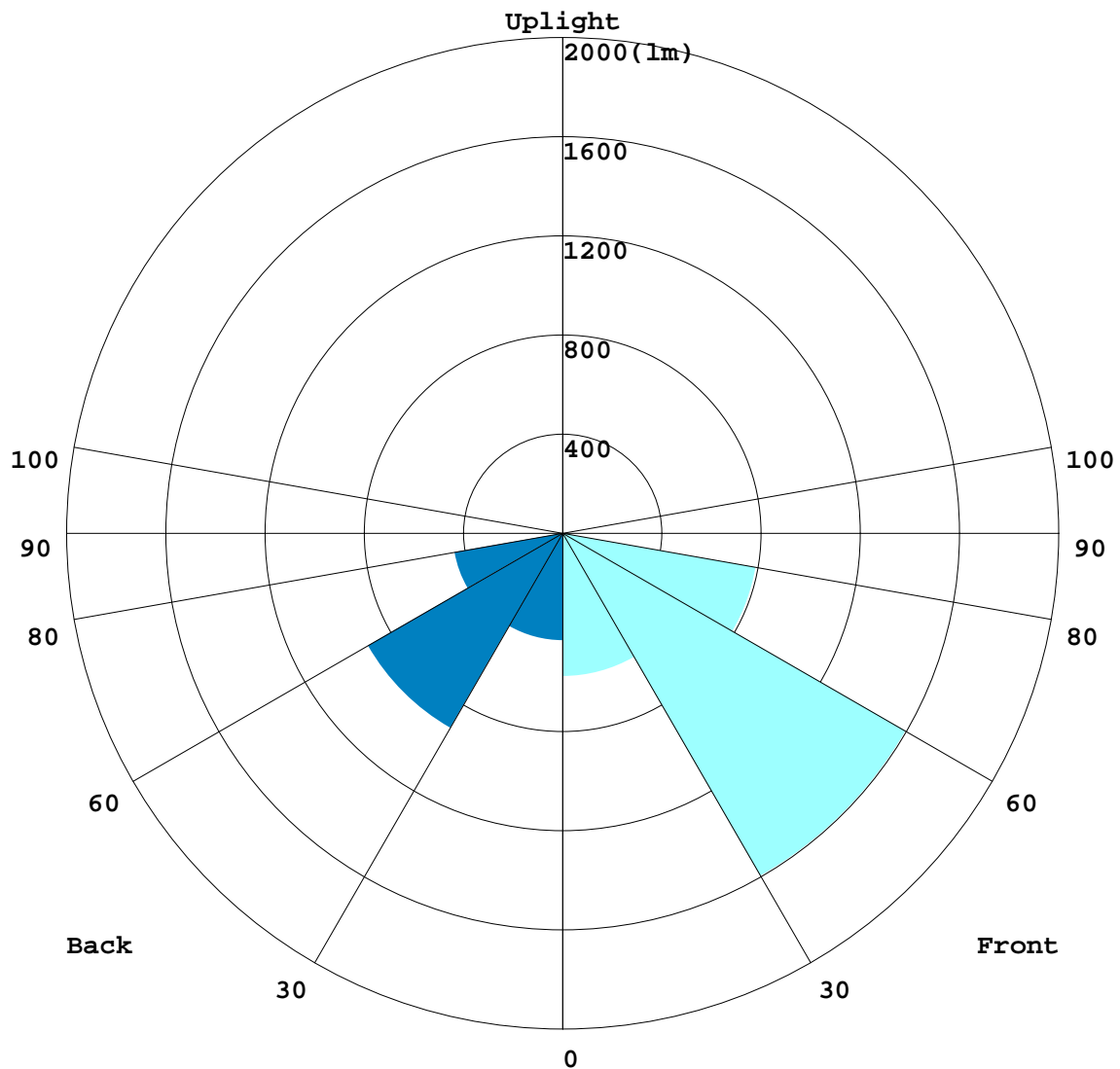
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-12

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:0.1360A P:29.53W PF:0.9900 Freq:50.01Hz Lamp Flux:4764.98x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T211-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:2024-12-12

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:0.1360A P:29.53W PF:0.9900 Freq:50.01Hz Lamp Flux:4764.98x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T211-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)	576.19	12.1
FM - Front-Medium(30-60)	1596.5	33.5
FH - Front-High(60-80)	790.86	16.6
FVH - Front-Very High(80-90)	11.226	0.2
Total Forward Light	2974.8	62.4

BL - Back-Low(0-30)	432.05	9.1
BM - Back-Medium(30-60)	906.52	19.0
BH - Back-High(60-80)	442.6	9.3
BVH - Back-Very High(80-90)	9.0532	0.2
Total Back Light	1790.2	37.6

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	1790.2	0	1790.2
Street Side	2974.8	0	2974.8

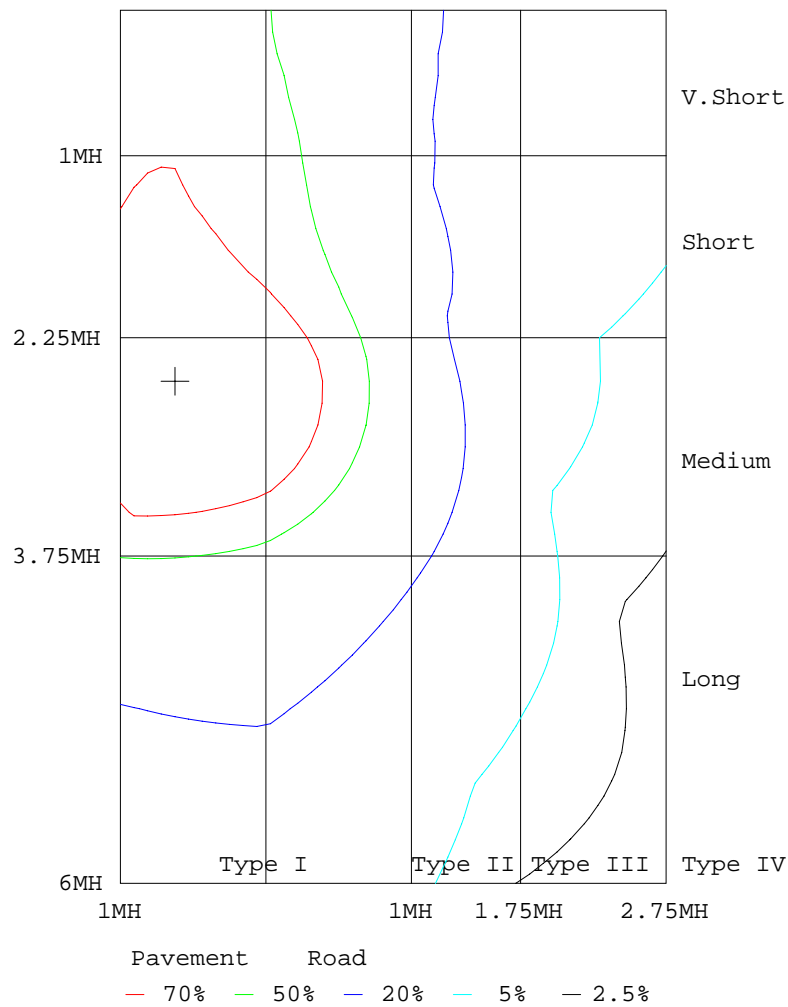
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-12

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:0.1360A P:29.53W PF:0.9900 Freq:50.01Hz Lamp Flux:4764.98x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T211-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:2024-12-12

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:0.1360A P:29.53W PF:0.9900 Freq:50.01Hz Lamp Flux:4764.98x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T211-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	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230
5	1234	1252	1267	1280	1289	1296	1297	1297	1290	1279	1266	1249	1232	1212	1193	1175	1160	1151	1148
10	1245	1279	1305	1324	1337	1347	1348	1346	1336	1322	1302	1273	1241	1204	1161	1119	1083	1058	1050
15	1261	1306	1339	1365	1376	1384	1385	1384	1374	1360	1335	1300	1256	1200	1132	1064	1003	962	949
20	1274	1332	1370	1397	1407	1412	1410	1409	1401	1391	1364	1325	1273	1199	1107	1009	924	863	842
25	1286	1353	1398	1426	1434	1433	1428	1429	1424	1415	1389	1348	1291	1202	1083	953	838	756	736
30	1299	1376	1425	1453	1458	1448	1437	1442	1444	1437	1412	1369	1305	1199	1057	896	756	692	680
35	1308	1397	1454	1486	1476	1450	1425	1438	1459	1462	1436	1390	1318	1199	1029	832	683	647	641
40	1320	1418	1488	1520	1479	1417	1379	1404	1455	1492	1467	1413	1329	1198	996	761	626	603	600
45	1336	1450	1540	1550	1449	1337	1282	1325	1422	1520	1519	1438	1337	1190	953	684	572	553	554
50	1361	1501	1612	1567	1355	1178	1104	1167	1324	1533	1588	1475	1352	1177	897	610	516	479	476
55	1416	1604	1719	1529	1147	932	860	930	1126	1493	1684	1561	1387	1164	822	530	430	417	421
60	1552	1815	1851	1351	822	615	561	628	816	1318	1798	1741	1491	1166	724	419	361	362	371
65	1895	2208	1866	1007	438	383	365	398	464	981	1807	2097	1805	1219	584	322	287	297	309
70	1928	2311	1344	324	178	186	173	198	211	356	1396	2372	2057	1197	373	187	188	221	228
75	830	1025	380	87.1	65.3	68.4	68.8	72.1	70.3	101	505	1406	1116	616	139	83.1	84.2	114	120
80	180	169	60.0	34.0	28.7	30.0	29.0	32.6	32.6	41.0	71.7	287	320	106	38.4	34.1	33.2	33.2	33.3
85	11.1	13.9	8.82	7.00	6.08	6.66	6.08	7.74	8.20	10.6	13.1	25.6	33.9	13.0	9.09	8.14	8.84	7.60	7.33
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:2024-12-12

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:0.1360A P:29.53W PF:0.9900 Freq:50.01Hz Lamp Flux:4764.98x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T211-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	1230	1230	1230	1230	1230														
5	1150	1161	1174	1194	1214														
10	1057	1082	1118	1163	1208														
15	960	1001	1061	1133	1205														
20	858	917	1002	1104	1200														
25	758	833	944	1073	1196														
30	687	748	885	1045	1192														
35	639	673	813	1011	1190														
40	596	612	736	969	1185														
45	553	559	656	918	1174														
50	481	507	577	854	1162														
55	426	430	496	770	1151														
60	371	365	392	659	1155														
65	301	284	305	502	1178														
70	214	181	162	292	991														
75	109	75.6	69.8	90.1	352														
80	31.2	28.5	26.9	27.7	42.4														
85	6.56	6.61	5.35	5.42	7.33														
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:2024-12-12

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: