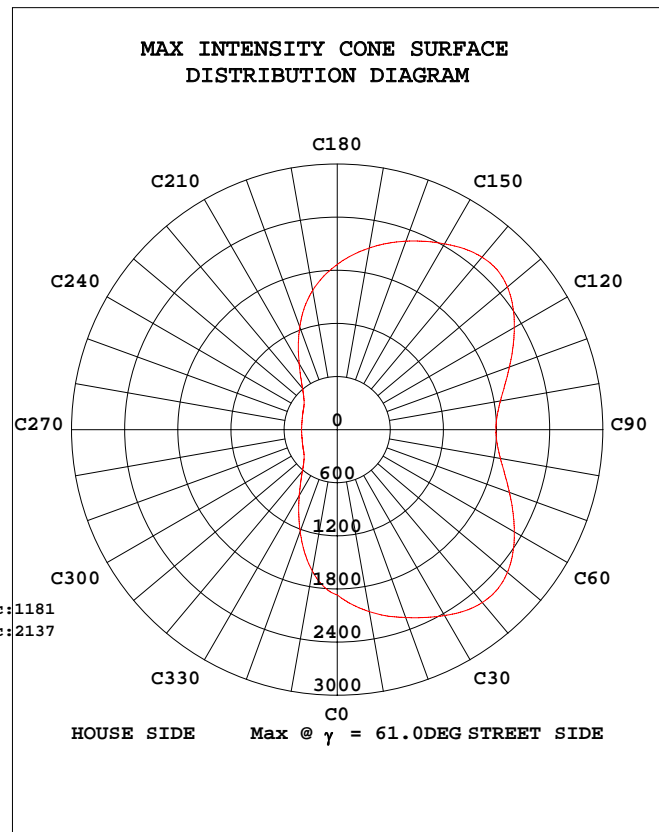
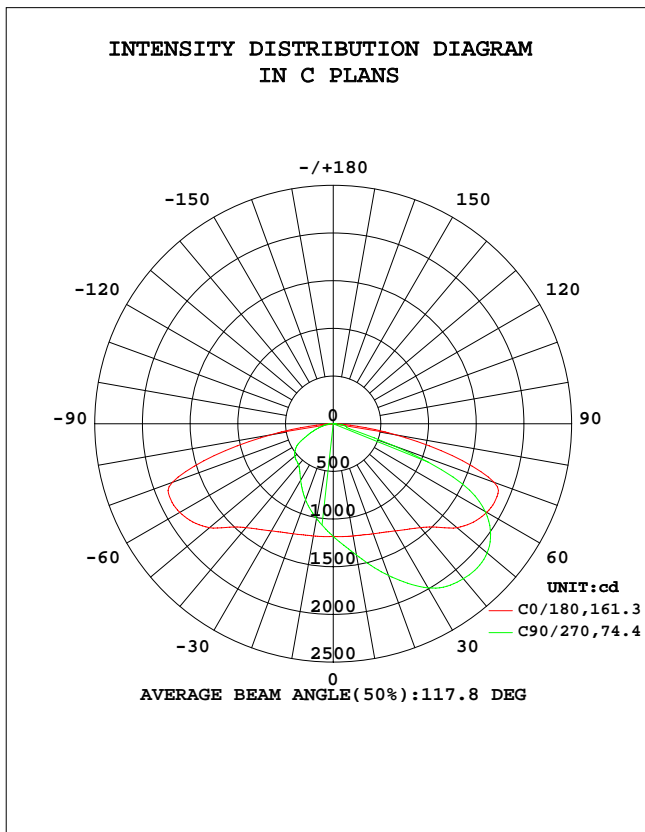


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:43.17V I:0.8100A P:34.96W PF:1.000 Freq:0Hz Lamp Flux:6794.55x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T304-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 194.33 lm/W			
MODEL	5050	I _{max} (cd)	2554	η street_up(%)	0.0
NOMINAL POWER(W)	35	LOR(%)	100.0	η street_down(%)	69.8
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	6795	η house_up(%)	0.0
NOMINAL FLUX(lm)	6794.55	MAXIMUM @(C,γ)	135,61.0	η house_down(%)	30.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.754

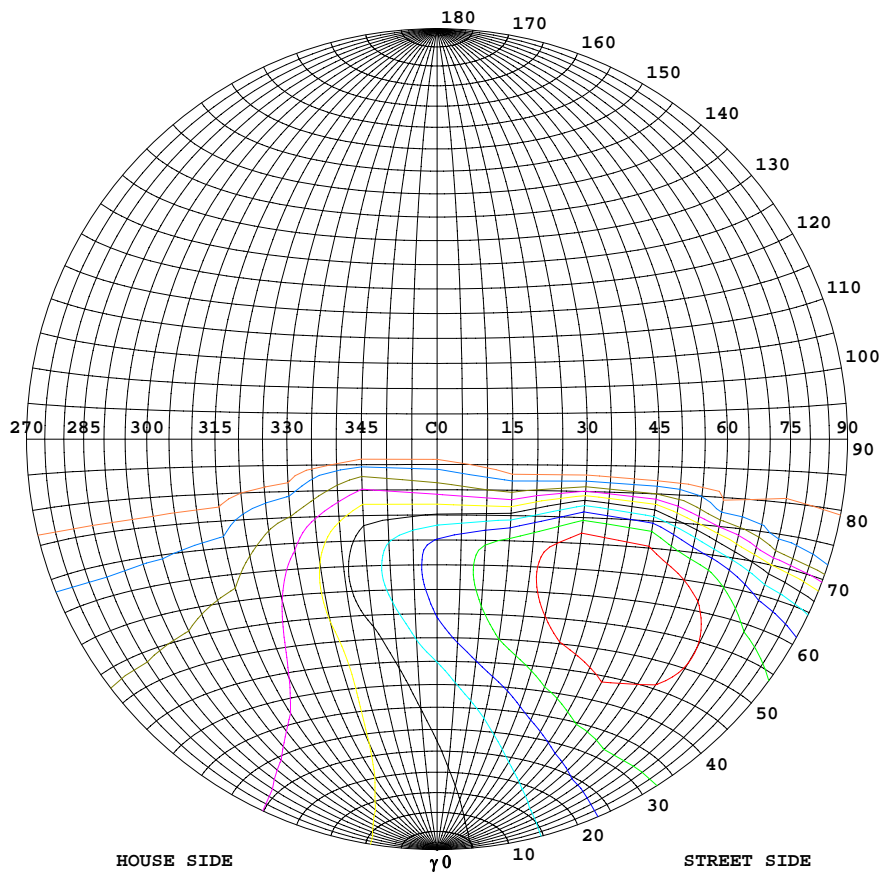


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-08-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.802m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:43.17V I:0.8100A P:34.96W PF:1.000 Freq:0Hz Lamp Flux:6794.55x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T304-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:



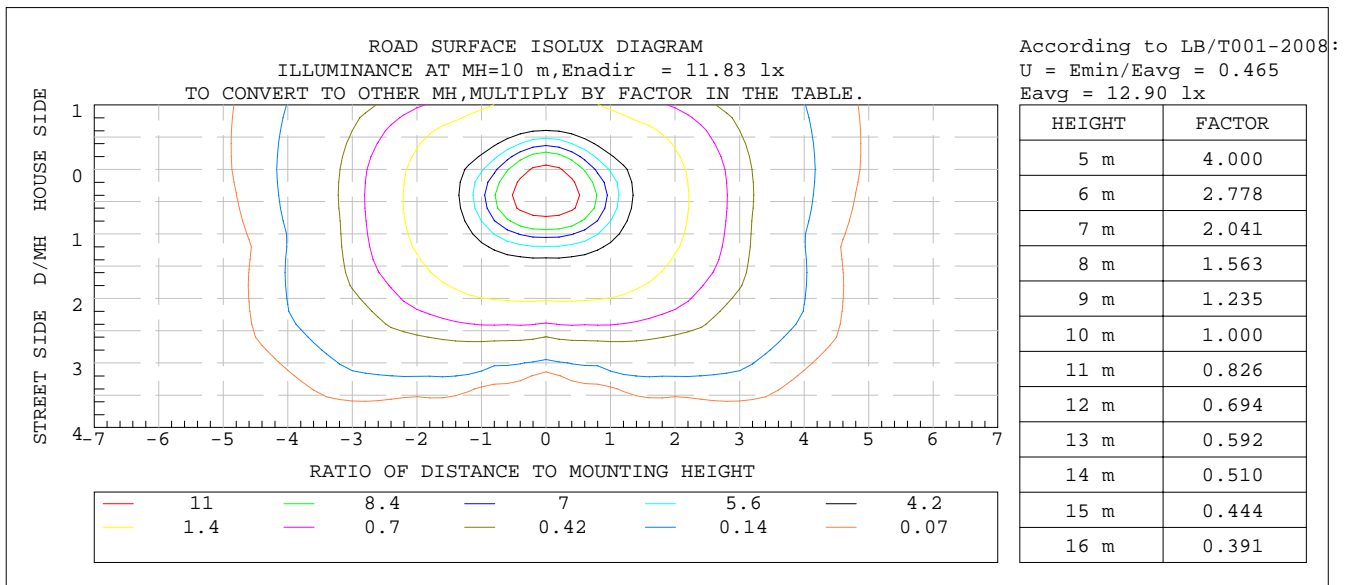
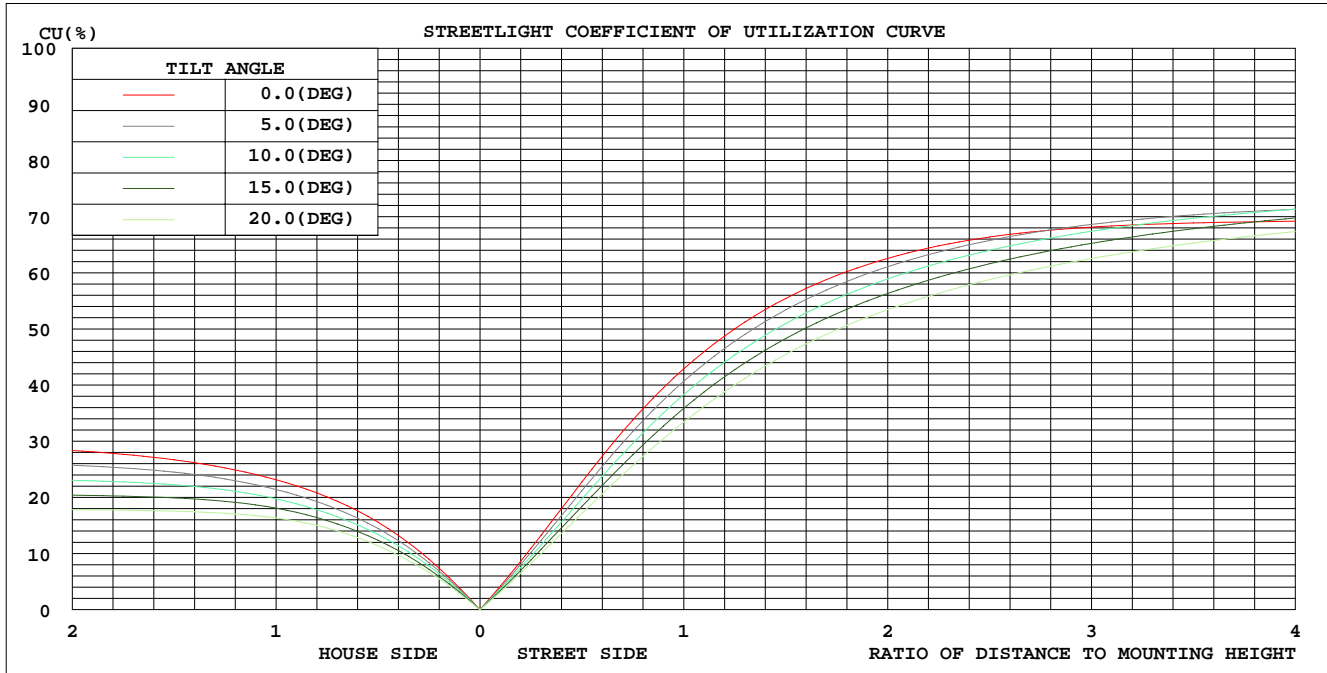
Classification:

IES:Type IV - Short
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:115.9cd/klm
 Max.At90:0cd/klm
 Max.80-90:115.9cd/klm
 NRB 5101:Semi limited[23.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2554
90%	2299
80%	2043
70%	1788
60%	1532
50%	1277
40%	1022
30%	766
20%	511
10%	255
5%	128

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-08-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.802m [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:
Test Date: 2020-08-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.802m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:43.17V I:0.8100A P:34.96W PF:1.000 Freq:0Hz Lamp Flux:6794.55x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T304-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

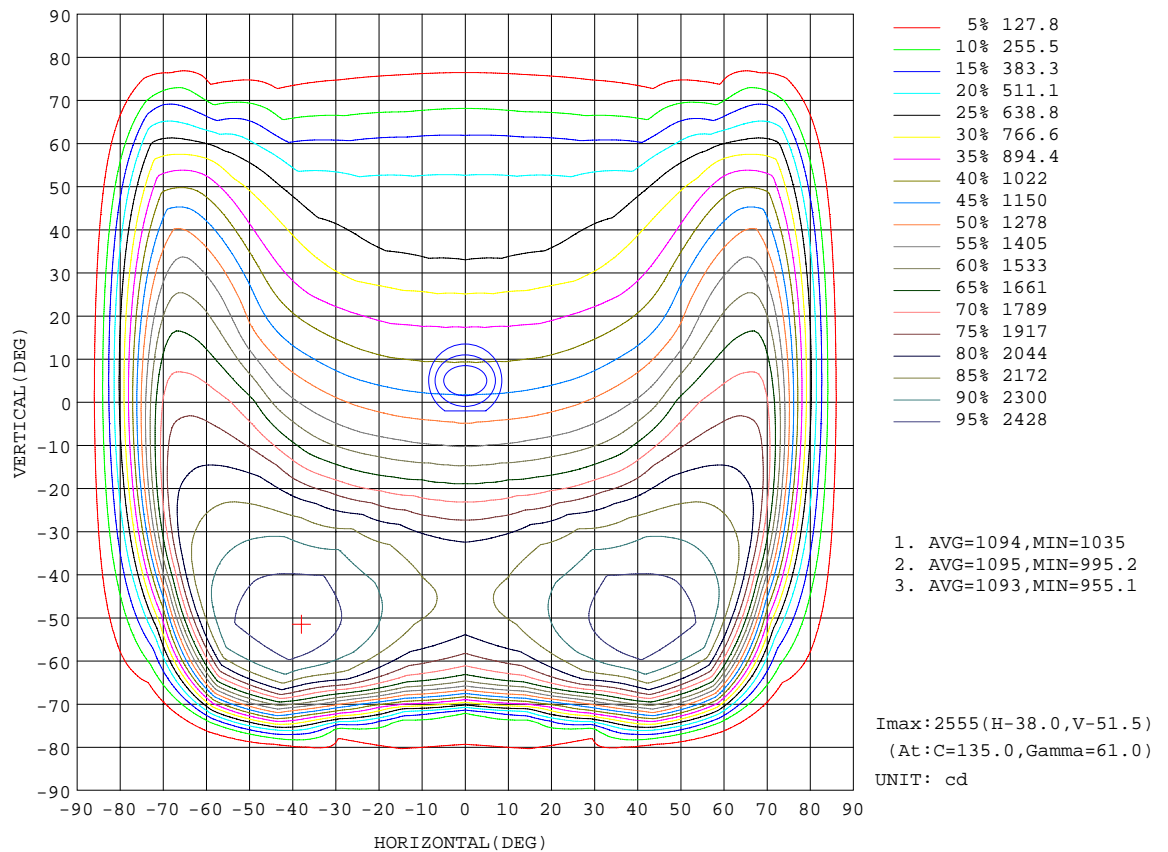
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1195	1338	1397	1338	1195	1062	1009	1062	0- 10	113.8	113.8	1.67,1.67
20	1228	1556	1692	1556	1228	950.6	849.8	950.6	10- 20	347.6	461.4	6.79,6.79
30	1298	1859	1986	1859	1298	844.6	685.1	844.6	20- 30	598.4	1060	15.6,15.6
40	1422	2211	2122	2211	1422	739.6	566.1	739.6	30- 40	868.3	1928	28.4,28.4
50	1695	2425	2107	2425	1695	662.0	527.4	662.0	40- 50	1140	3068	45.2,45.2
60	1858	2553	1840	2553	1858	554.2	424.4	554.2	50- 60	1372	4440	65.3,65.3
70	1796	2316	682.6	2316	1796	319.4	220.8	319.4	60- 70	1403	5843	86,86
80	660.8	506.9	119.5	506.9	660.8	90.26	95.56	90.26	70- 80	832.8	6676	98.2,98.2
90	0	0	0	0	0	0	0	0	80- 90	118.9	6795	100,100
100	0	0	0	0	0	0	0	0	90-100	0	6795	100,100
110	0	0	0	0	0	0	0	0	100-110	0	6795	100,100
120	0	0	0	0	0	0	0	0	110-120	0	6795	100,100
130	0	0	0	0	0	0	0	0	120-130	0	6795	100,100
140	0	0	0	0	0	0	0	0	130-140	0	6795	100,100
150	0	0	0	0	0	0	0	0	140-150	0	6795	100,100
160	0	0	0	0	0	0	0	0	150-160	0	6795	100,100
170	0	0	0	0	0	0	0	0	160-170	0	6795	100,100
180	0	0	0	0	0	0	0	0	170-180	0	6795	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-08-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.802m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

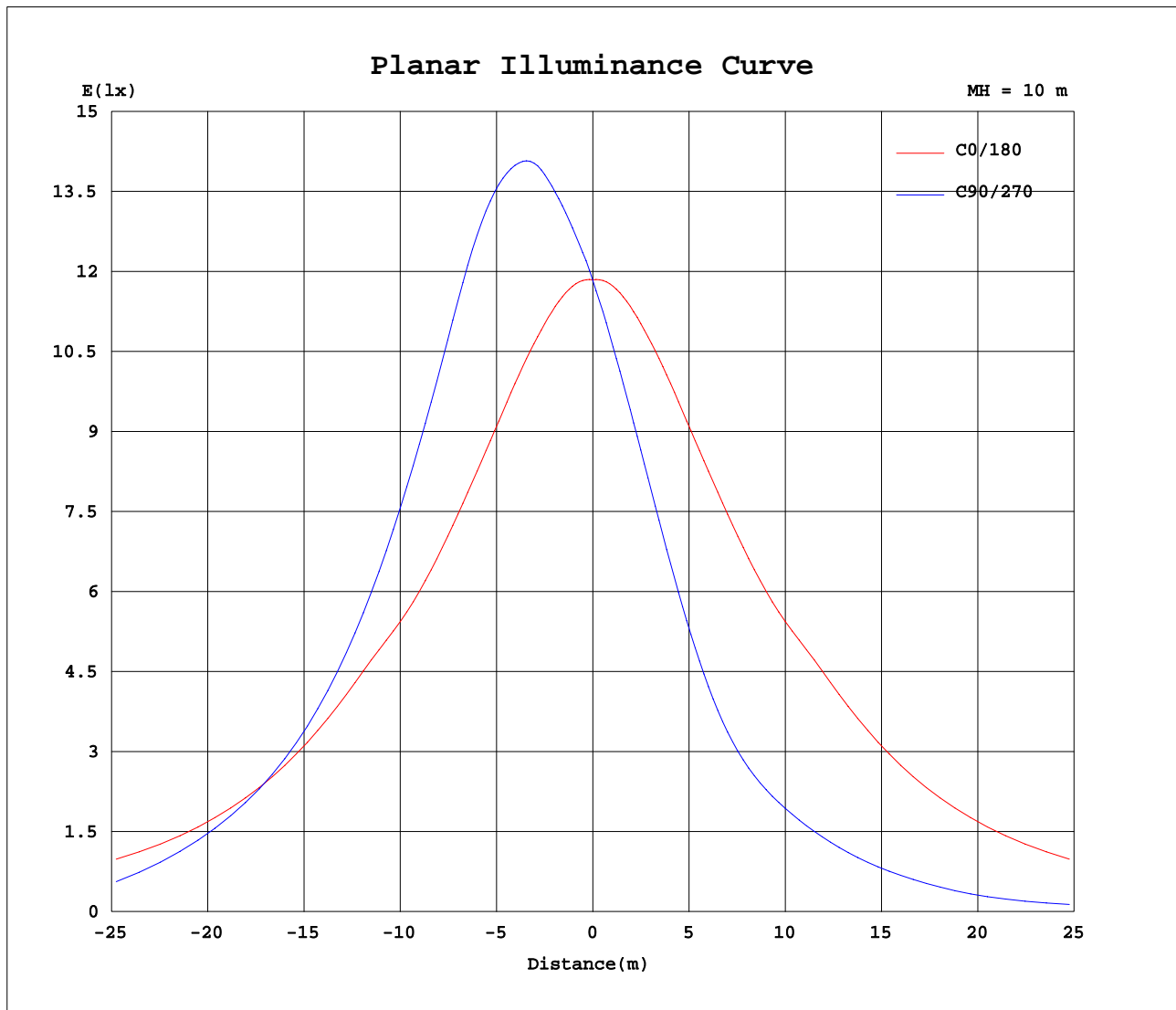
Test:U:43.17V I:0.8100A P:34.96W PF:1.000 Freq:0Hz Lamp Flux:6794.55x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T304-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-08-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.802m [K=1.0000]
Remarks:

Planar Illuminance Curve



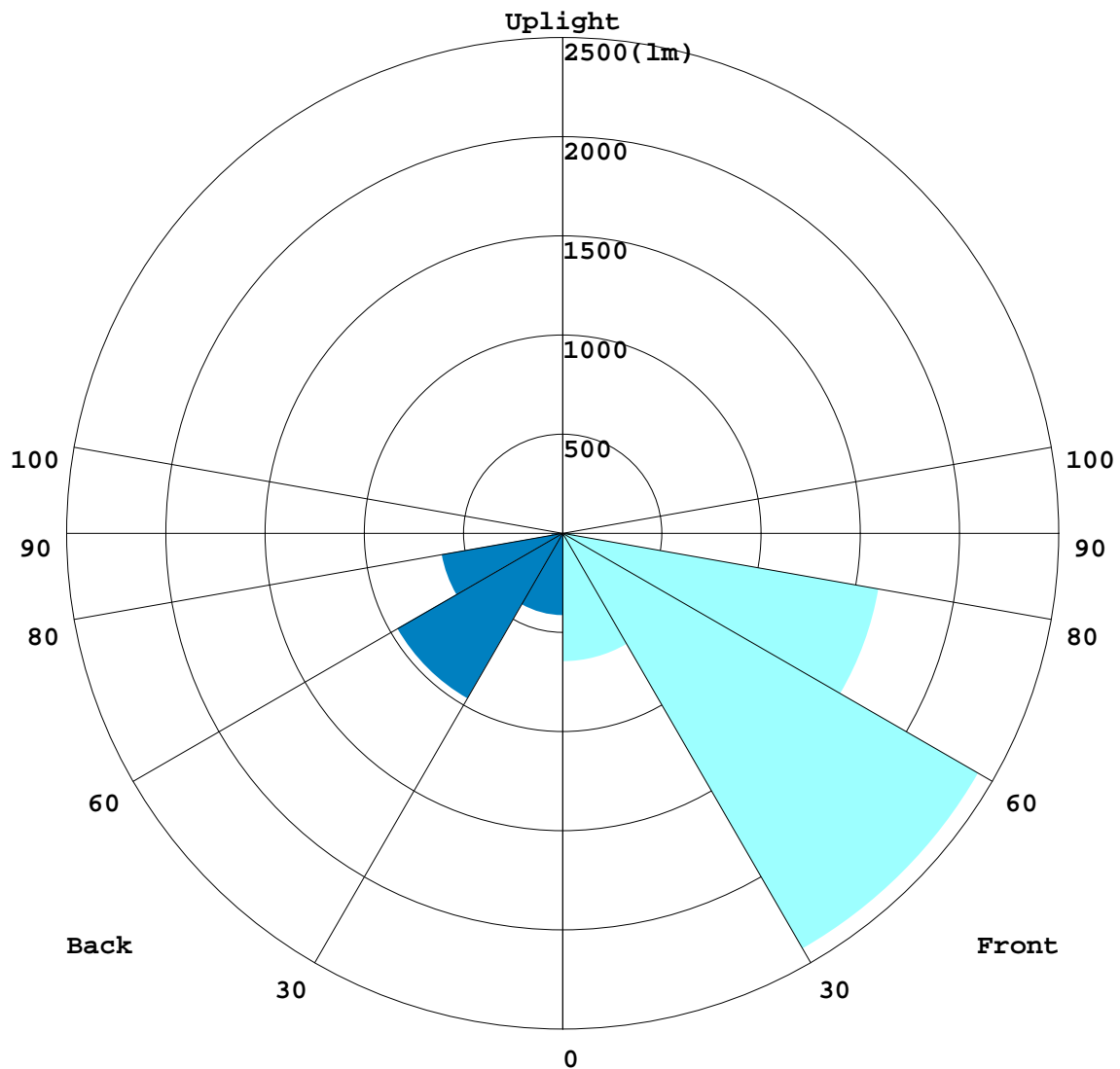
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-08-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.802m [K=1.0000]
Remarks:

LCS REPORT

Test:U:43.17V I:0.8100A P:34.96W PF:1.000 Freq:0Hz Lamp Flux:6794.55x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T304-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-08-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.802m [K=1.0000]
Remarks:

BUG REPORT

Test:U:43.17V I:0.8100A P:34.96W PF:1.000 Freq:0Hz Lamp Flux:6794.55x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T304-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	645.77	9.5
FM - Front-Medium(30-60)	2419	35.6
FH - Front-High(60-80)	1616.9	23.8
FVH - Front-Very High(80-90)	62.536	0.9
Total Forward Light	4744.3	69.8

BL - Back-Low(0-30)	414	6.1
BM - Back-Medium(30-60)	961.21	14.1
BH - Back-High(60-80)	618.67	9.1
BVH - Back-Very High(80-90)	56.397	0.8
Total Back Light	2050.3	30.2

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	B2-U0-G2
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2050.3	0	2050.3
Street Side	4744.3	0	4744.3

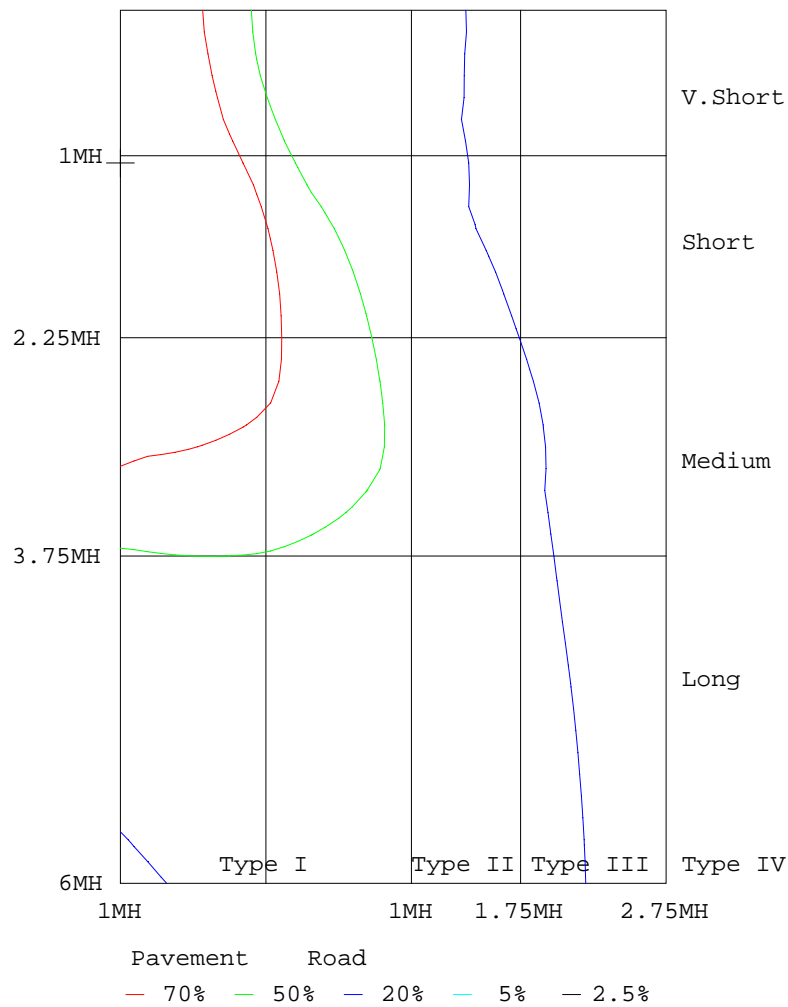
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-08-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.802m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:43.17V I:0.8100A P:34.96W PF:1.000 Freq:0Hz Lamp Flux:6794.55x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T304-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-08-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.802m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:43.17V I:0.8100A P:34.96W PF:1.000 Freq:0Hz Lamp Flux:6794.55x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T304-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	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	1181	1181	1181	1181	1181	1181	1181	1181	1181	1181	1181	1181	1181	1181	1181	1181	1181	1181	1181
5	1188	1212	1235	1255	1268	1277	1279	1277	1268	1255	1235	1212	1188	1163	1141	1122	1106	1096	1092
10	1195	1246	1294	1338	1372	1392	1397	1392	1372	1338	1294	1246	1195	1144	1099	1062	1034	1016	1009
15	1207	1286	1365	1437	1496	1533	1541	1533	1496	1437	1365	1286	1207	1130	1061	1005	964	940	930
20	1228	1338	1451	1556	1641	1684	1692	1684	1641	1556	1451	1338	1228	1121	1026	951	896	863	850
25	1256	1399	1551	1693	1795	1839	1844	1839	1795	1693	1551	1399	1256	1116	994	898	826	782	767
30	1298	1476	1668	1859	1973	1995	1986	1995	1973	1859	1668	1476	1298	1120	967	845	756	703	685
35	1352	1571	1829	2056	2127	2105	2080	2105	2127	2056	1829	1571	1352	1132	940	790	688	631	612
40	1422	1711	2005	2211	2216	2160	2122	2160	2216	2211	2005	1711	1422	1149	913	740	630	581	566
45	1534	1896	2158	2322	2282	2192	2137	2192	2282	2322	2158	1896	1534	1176	891	698	593	558	546
50	1695	2039	2284	2425	2341	2191	2107	2191	2341	2425	2284	2039	1695	1231	880	662	566	537	527
55	1797	2125	2370	2509	2368	2137	2014	2137	2368	2509	2370	2125	1797	1337	876	618	524	496	490
60	1858	2174	2418	2553	2327	2000	1840	2000	2327	2553	2418	2174	1858	1422	865	554	460	431	424
65	1880	2185	2433	2507	2185	1723	1494	1723	2185	2507	2433	2185	1880	1441	829	460	360	323	312
70	1796	2081	2384	2316	1698	1026	683	1026	1698	2316	2384	2081	1796	1383	734	319	240	220	221
75	1293	1363	1964	1706	751	154	144	154	751	1706	1964	1363	1293	1177	524	184	151	146	147
80	661	437	779	507	122	135	120	135	122	507	779	437	661	788	203	90.3	87.7	94.1	95.6
85	179	59.7	62.8	89.7	88.3	72.6	60.2	72.6	88.3	89.7	62.8	59.7	179	192	35.6	36.0	45.3	51.0	49.2
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:
Test Date:2020-08-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.802m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:43.17V I:0.8100A P:34.96W PF:1.000 Freq:0Hz Lamp Flux:6794.55x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T304-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1181	1181	1181	1181	1181														
5	1096	1106	1122	1141	1163														
10	1016	1034	1062	1099	1144														
15	940	964	1005	1061	1130														
20	863	896	951	1026	1121														
25	782	826	898	994	1116														
30	703	756	845	967	1120														
35	631	688	790	940	1132														
40	581	630	740	913	1149														
45	558	593	698	891	1176														
50	537	566	662	880	1231														
55	496	524	618	876	1337														
60	431	460	554	865	1422														
65	323	360	460	829	1441														
70	220	240	319	734	1383														
75	146	151	184	524	1177														
80	94.1	87.7	90.3	203	788														
85	51.0	45.3	36.0	35.6	192														
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:
 Test Date:2020-08-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.802m [K=1.0000]
 Remarks: