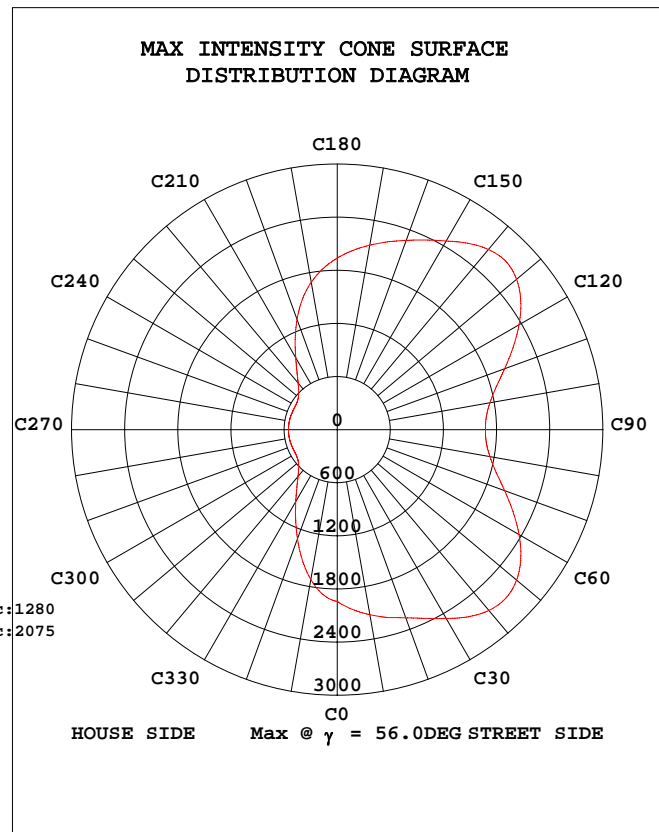
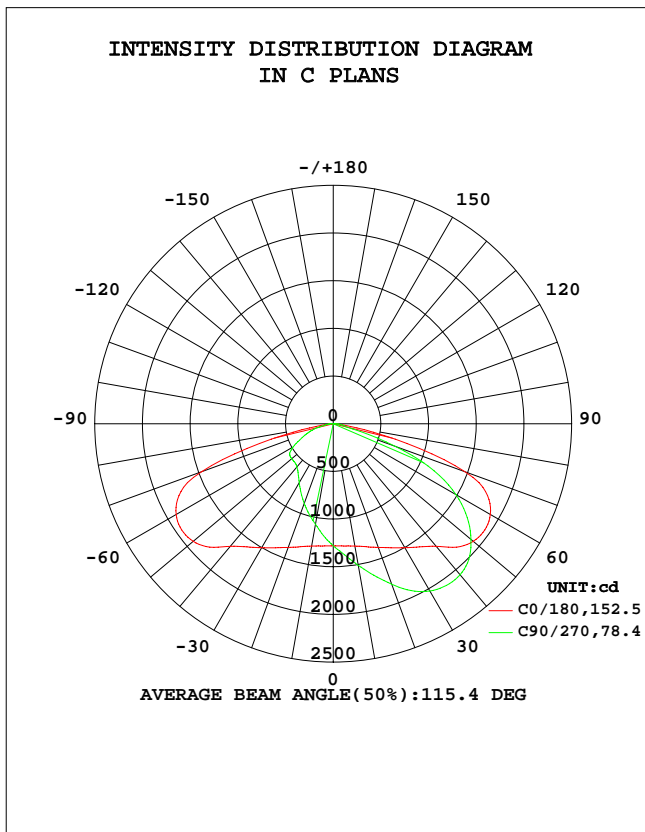


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:43.11V I:0.8100A P:34.92W PF:1.000 Freq:0Hz Lamp Flux:6806.6x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T402-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 194.92 lm/W			
MODEL	5050	I _{max} (cd)	2692	η street_up(%)	0.0
NOMINAL POWER(W)	35	LOR(%)	100.0	η street_down(%)	69.4
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	6807	η house_up(%)	0.0
NOMINAL FLUX(lm)	6806.6	MAXIMUM @(C,γ)	135,56.0	η house_down(%)	30.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.456

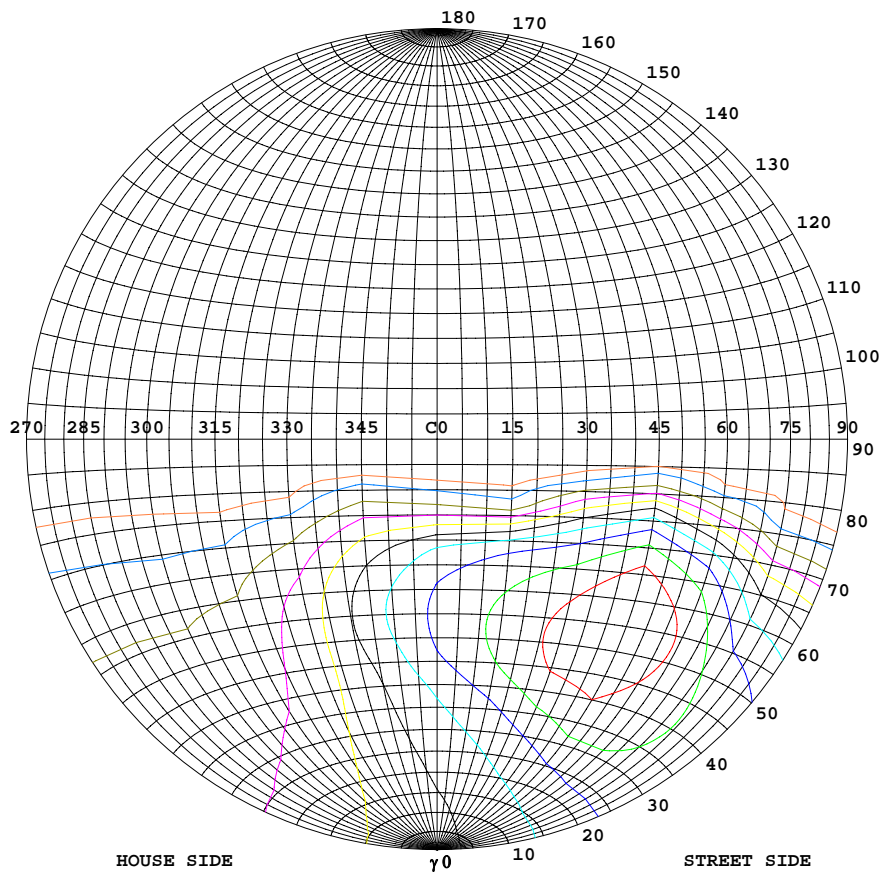


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-08-13

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:43.11V I:0.8100A P:34.92W PF:1.000 Freq:0Hz Lamp Flux:6806.6x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T402-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:



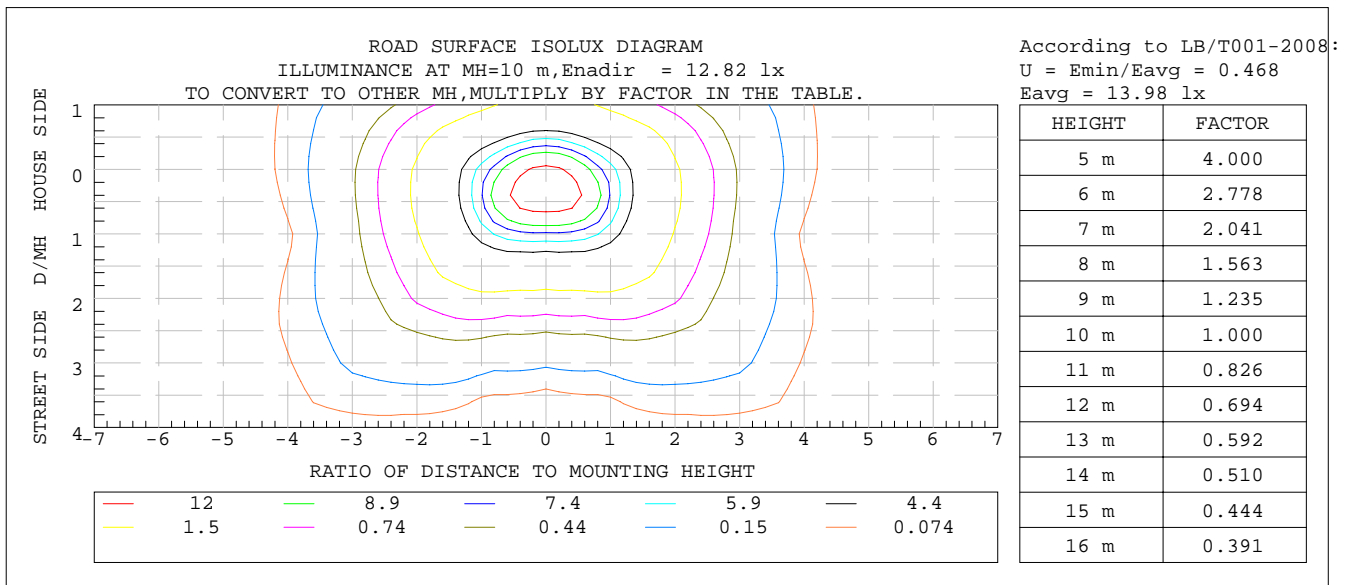
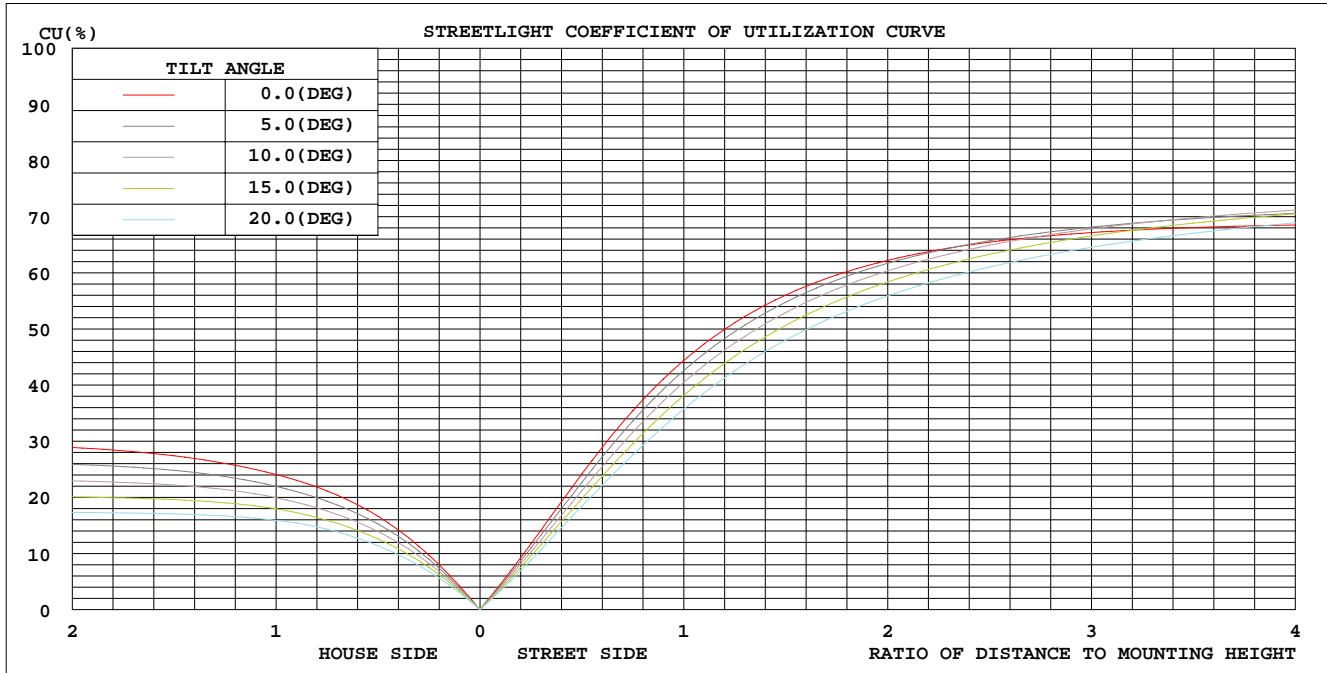
Classification:

IES:Type IV - Short
 CIE:Broad - Short
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:122.0cd/klm
 Max.At90:0cd/klm
 Max.80-90:122.0cd/klm
 NRB 5101:Semi limited[15.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2692
90%	2423
80%	2154
70%	1885
60%	1615
50%	1346
40%	1077
30%	808
20%	538
10%	269
5%	135

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-08-13

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: 2020-08-13

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:43.11V I:0.8100A P:34.92W PF:1.000 Freq:0Hz Lamp Flux:6806.6x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T402-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

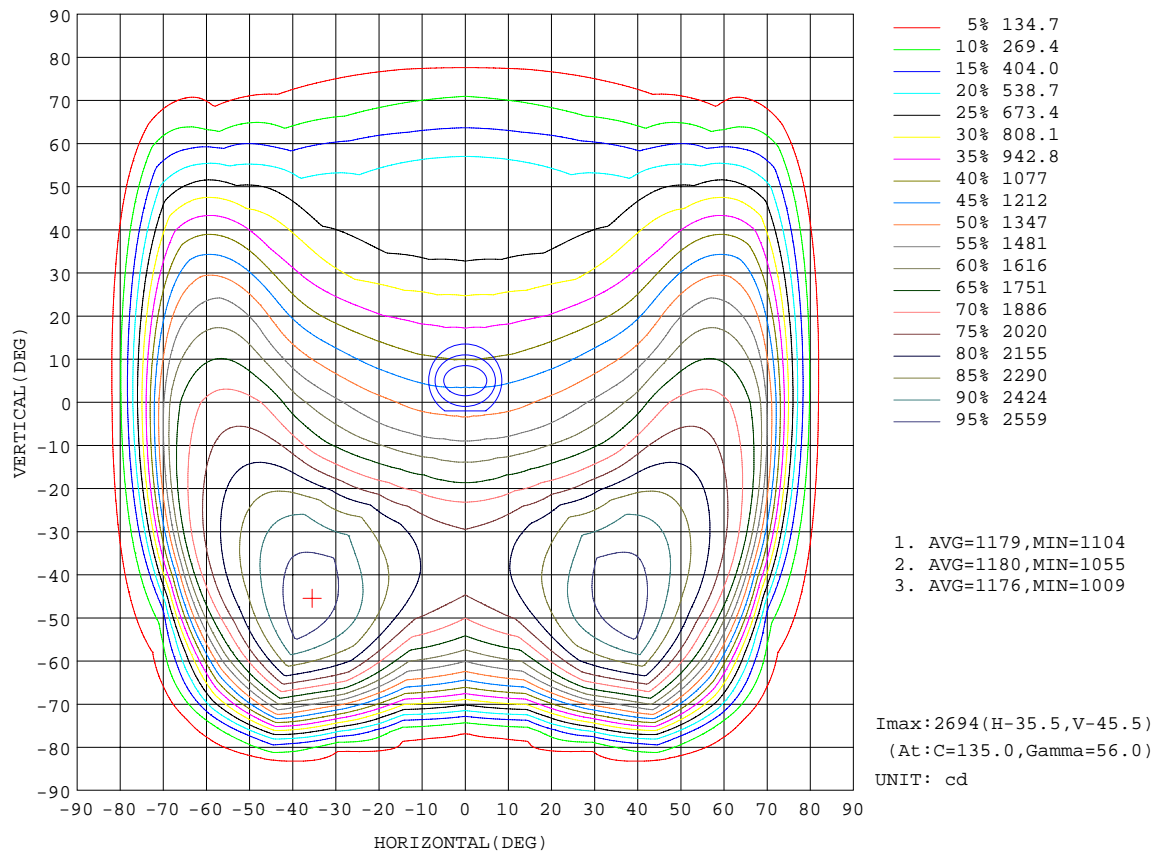
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1303	1448	1507	1448	1303	1147	1072	1147	0- 10	122.9	122.9	1.81,1.81
20	1381	1703	1789	1703	1381	1032	890.4	1032	10- 20	377.1	500.1	7.35,7.35
30	1501	2064	2025	2064	1501	912.1	714.7	912.1	20- 30	653.7	1154	17,17
40	1678	2421	2068	2421	1678	781.2	592.7	781.2	30- 40	944.9	2099	30.8,30.8
50	1918	2645	1885	2645	1918	682.5	570.5	682.5	40- 50	1227	3325	48.9,48.9
60	1902	2657	1484	2657	1902	558.0	486.6	558.0	50- 60	1407	4732	69.5,69.5
70	1465	2201	692.4	2201	1465	286.0	285.5	286.0	60- 70	1303	6035	88.7,88.7
80	252.6	830.1	105.0	830.1	252.6	89.27	92.02	89.27	70- 80	682.0	6717	98.7,98.7
90	0	0	0	0	0	0	0	0	80- 90	89.61	6807	100,100
100	0	0	0	0	0	0	0	0	90-100	0	6807	100,100
110	0	0	0	0	0	0	0	0	100-110	0	6807	100,100
120	0	0	0	0	0	0	0	0	110-120	0	6807	100,100
130	0	0	0	0	0	0	0	0	120-130	0	6807	100,100
140	0	0	0	0	0	0	0	0	130-140	0	6807	100,100
150	0	0	0	0	0	0	0	0	140-150	0	6807	100,100
160	0	0	0	0	0	0	0	0	150-160	0	6807	100,100
170	0	0	0	0	0	0	0	0	160-170	0	6807	100,100
180	0	0	0	0	0	0	0	0	170-180	0	6807	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:2020-08-13

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:

ISOCANDELA DIAGRAM

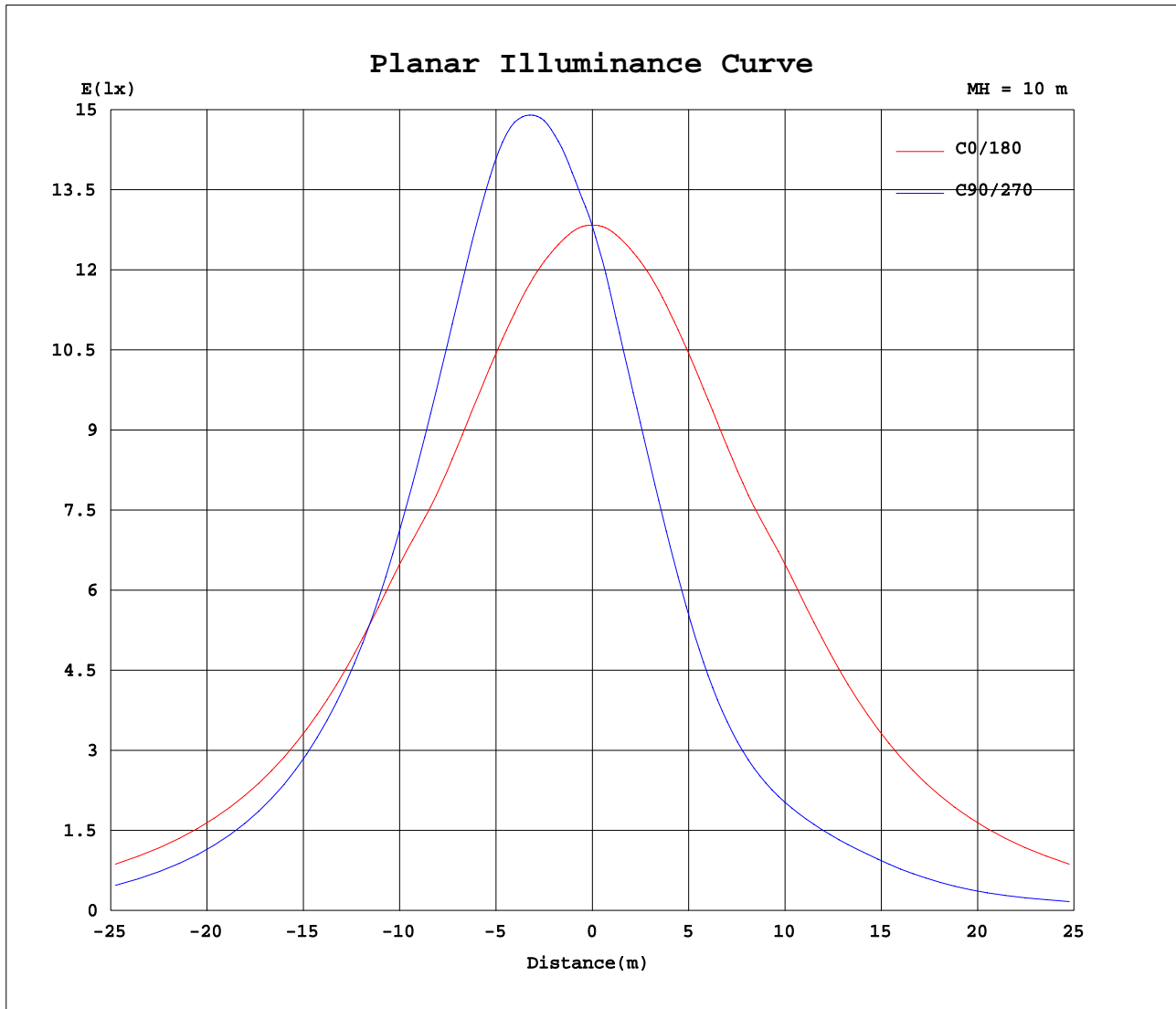
Test:U:43.11V I:0.8100A P:34.92W PF:1.000 Freq:0Hz Lamp Flux:6806.6x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T402-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-08-13

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



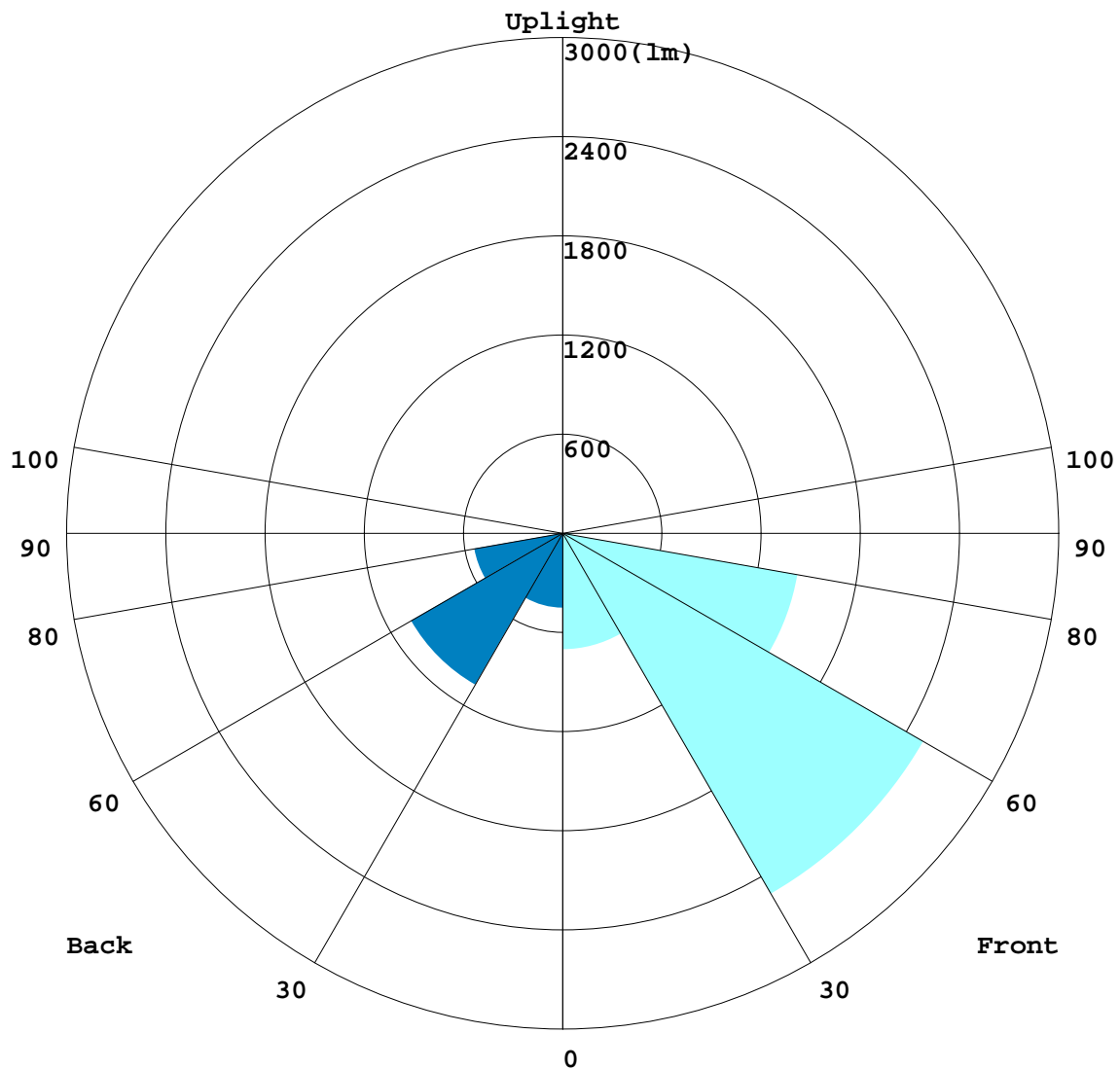
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-08-13

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:43.11V I:0.8100A P:34.92W PF:1.000 Freq:0Hz Lamp Flux:6806.6x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T402-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:2020-08-13

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:43.11V I:0.8100A P:34.92W PF:1.000 Freq:0Hz Lamp Flux:6806.6x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T402-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)	702.33	10.3
FM - Front-Medium(30-60)	2519.8	37.0
FH - Front-High(60-80)	1442.6	21.2
FVH - Front-Very High(80-90)	60.137	0.9
Total Forward Light	4724.8	69.4

BL - Back-Low(0-30)	451.43	6.6
BM - Back-Medium(30-60)	1058.8	15.6
BH - Back-High(60-80)	542.09	8.0
BVH - Back-Very High(80-90)	29.468	0.4
Total Back Light	2081.8	30.6

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

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2081.8	0	2081.8
Street Side	4724.8	0	4724.8

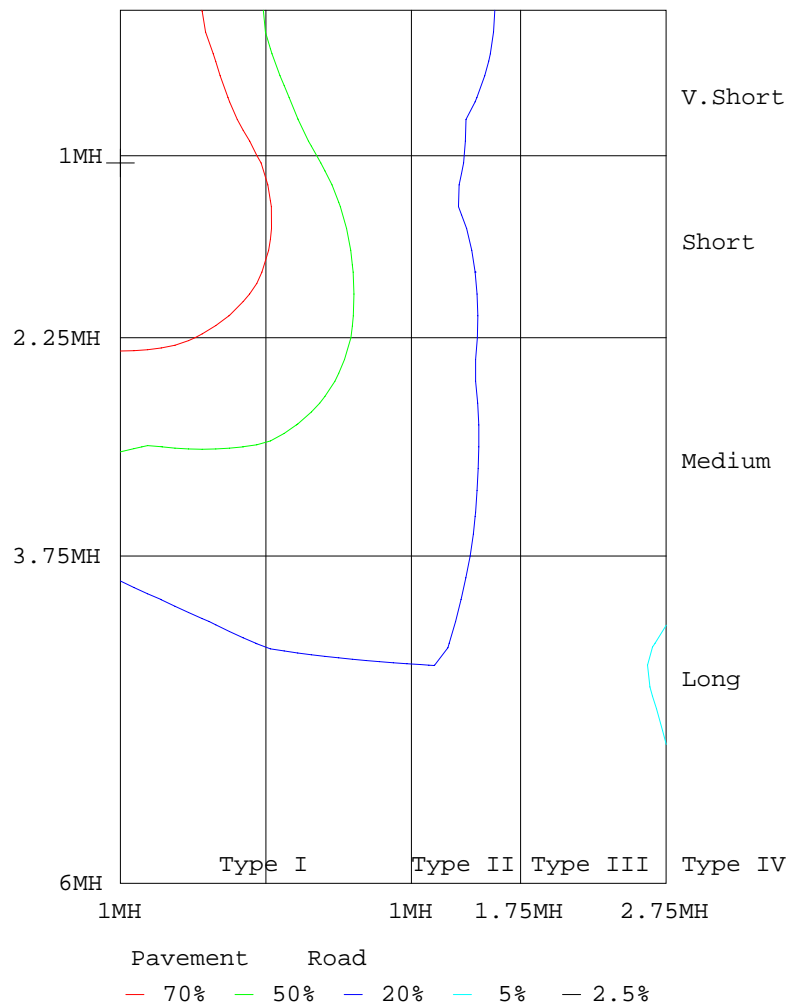
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-08-13

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:43.11V I:0.8100A P:34.92W PF:1.000 Freq:0Hz Lamp Flux:6806.6x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T402-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:2020-08-13

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:43.11V I:0.8100A P:34.92W PF:1.000 Freq:0Hz Lamp Flux:6806.6x1 lm																		
NAME: AOK SE									TYPE:LED STREET LIGHT					WEIGHT:				
SPEC.:AOK-35WSE-DC-L5-00-5070-T402-P									DIM.: 560*240*200mm					SERIAL No.:				
MFR.: AOK									SUR.:235*70mm*2					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	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280
5	1287	1312	1334	1354	1370	1379	1380	1379	1370	1354	1334	1312	1287	1260	1236	1213	1195	1182	1178
10	1303	1352	1401	1448	1483	1502	1507	1502	1483	1448	1401	1352	1303	1250	1195	1147	1108	1082	1072
15	1336	1410	1491	1562	1617	1642	1645	1642	1617	1562	1491	1410	1336	1252	1164	1088	1030	994	981
20	1381	1485	1601	1703	1768	1789	1789	1789	1768	1703	1601	1485	1381	1260	1136	1032	954	907	890
25	1435	1575	1729	1867	1935	1939	1930	1939	1935	1867	1729	1575	1435	1273	1110	974	877	820	801
30	1501	1678	1876	2064	2102	2058	2025	2058	2102	2064	1876	1678	1501	1293	1085	912	798	735	715
35	1577	1802	2078	2278	2220	2120	2069	2120	2220	2278	2078	1802	1577	1316	1053	843	720	661	642
40	1678	1984	2287	2421	2288	2142	2068	2142	2288	2421	2287	1984	1678	1346	1018	781	658	608	593
45	1830	2142	2433	2536	2352	2123	2012	2123	2352	2536	2433	2142	1830	1403	992	728	617	584	573
50	1918	2207	2494	2645	2387	2050	1885	2050	2387	2645	2494	2207	1918	1488	974	683	587	574	570
55	1941	2204	2474	2692	2380	1898	1715	1898	2380	2692	2474	2204	1941	1528	946	630	553	556	559
60	1902	2140	2380	2657	2285	1668	1484	1668	2285	2657	2380	2140	1902	1488	885	558	496	487	487
65	1785	2002	2191	2507	2064	1358	1168	1358	2064	2507	2191	2002	1785	1356	761	449	376	366	376
70	1465	1631	1873	2201	1661	889	692	889	1661	2201	1873	1631	1465	1124	564	286	255	271	286
75	800	744	1329	1698	1000	343	214	343	1000	1698	1329	744	800	775	301	165	166	183	194
80	253	166	575	830	300	129	105	129	300	830	575	166	253	364	110	89.3	90.3	95.7	92.0
85	37.9	35.5	88.3	136	87.1	66.0	54.0	66.0	87.1	136	88.3	35.5	37.9	53.7	31.2	33.9	43.4	48.1	49.0
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:
 Test Date:2020-08-13

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:43.11V I:0.8100A P:34.92W PF:1.000 Freq:0Hz Lamp Flux:6806.6x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T402-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1280	1280	1280	1280	1280														
5	1182	1195	1213	1236	1260														
10	1082	1108	1147	1195	1250														
15	994	1030	1088	1164	1252														
20	907	954	1032	1136	1260														
25	820	877	974	1110	1273														
30	735	798	912	1085	1293														
35	661	720	843	1053	1316														
40	608	658	781	1018	1346														
45	584	617	728	992	1403														
50	574	587	683	974	1488														
55	556	553	630	946	1528														
60	487	496	558	885	1488														
65	366	376	449	761	1356														
70	271	255	286	564	1124														
75	183	166	165	301	775														
80	95.7	90.3	89.3	110	364														
85	48.1	43.4	33.9	31.2	53.7														
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:
 Test Date:2020-08-13

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: