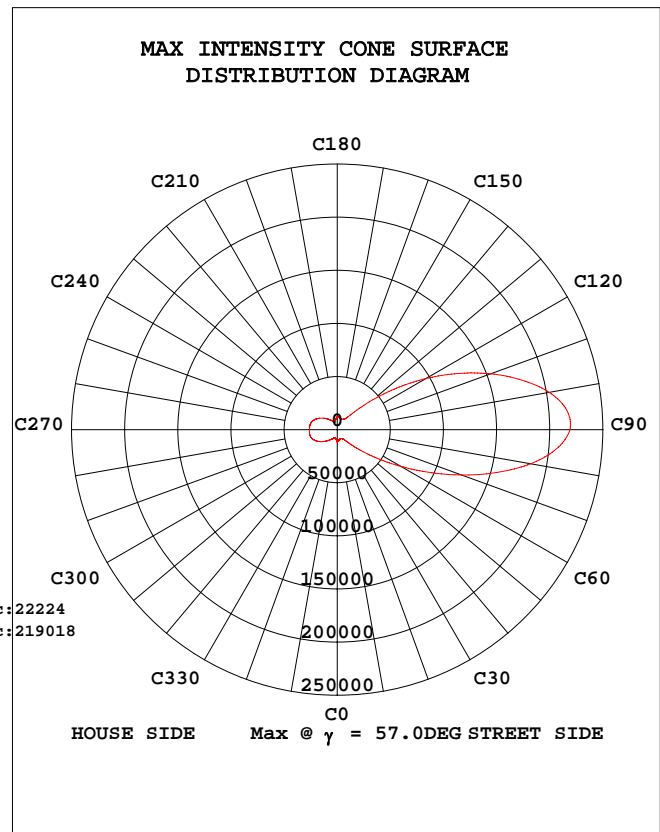
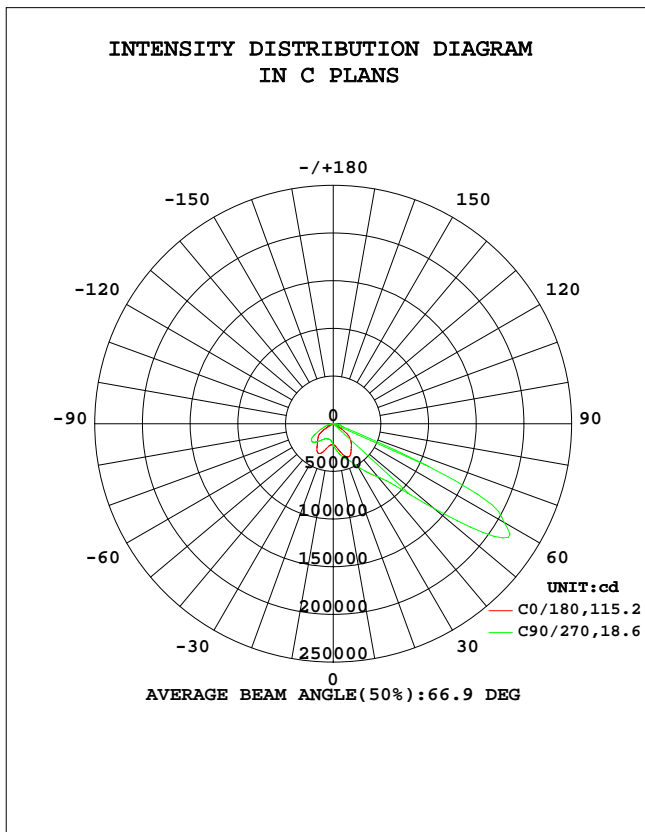


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.8V I:4.532A P:985.6W PF:0.9938 Freq:60.01Hz Lamp Flux:146779x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-1000WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*666mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.92 lm/W			
MODEL	3030	I _{max} (cd)	219018	η street_up(%)	0.0
NOMINAL POWER(W)	1000	LOR(%)	100.0	η street_down(%)	73.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	146779	η house_up(%)	0.0
NOMINAL FLUX(lm)	146779	MAXIMUM @(C,γ)	90,57.0	η house_down(%)	26.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	22.031

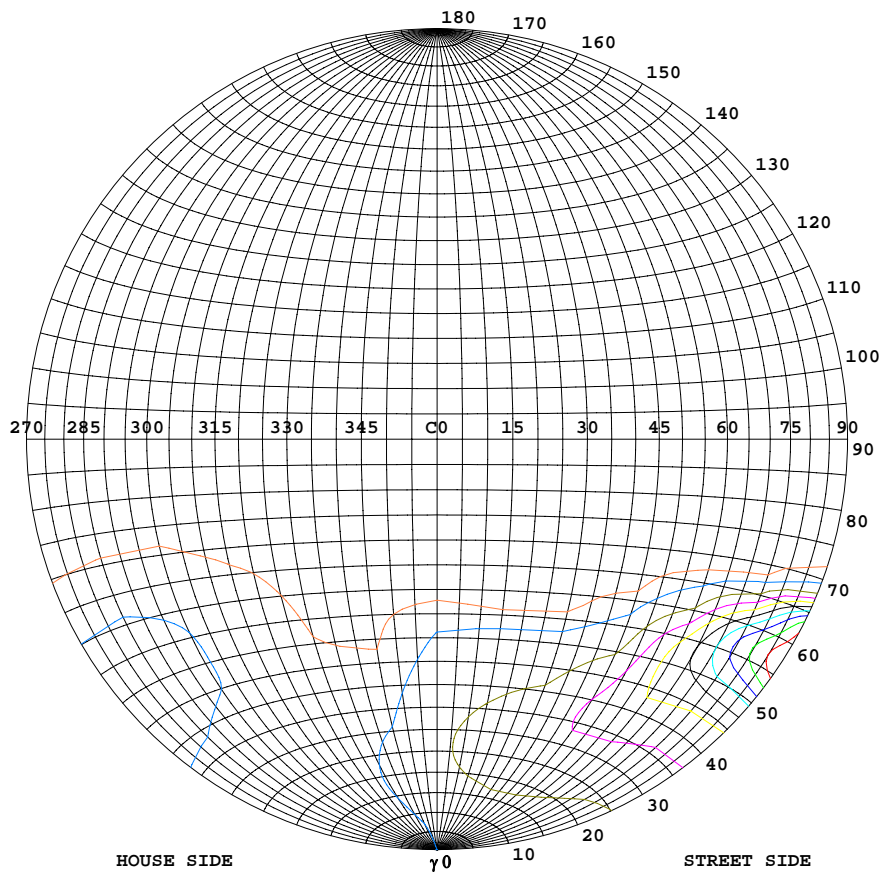


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-10-16

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:218.8V I:4.532A P:985.6W PF:0.9938 Freq:60.01Hz Lamp Flux:146779x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-1000WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*666mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



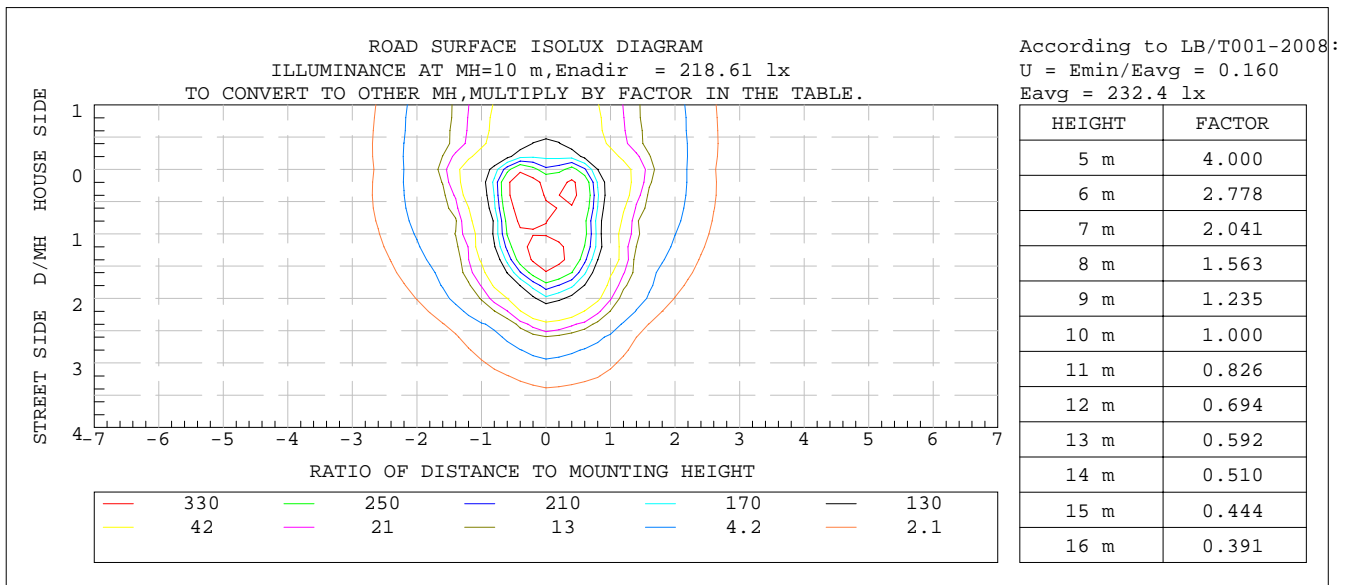
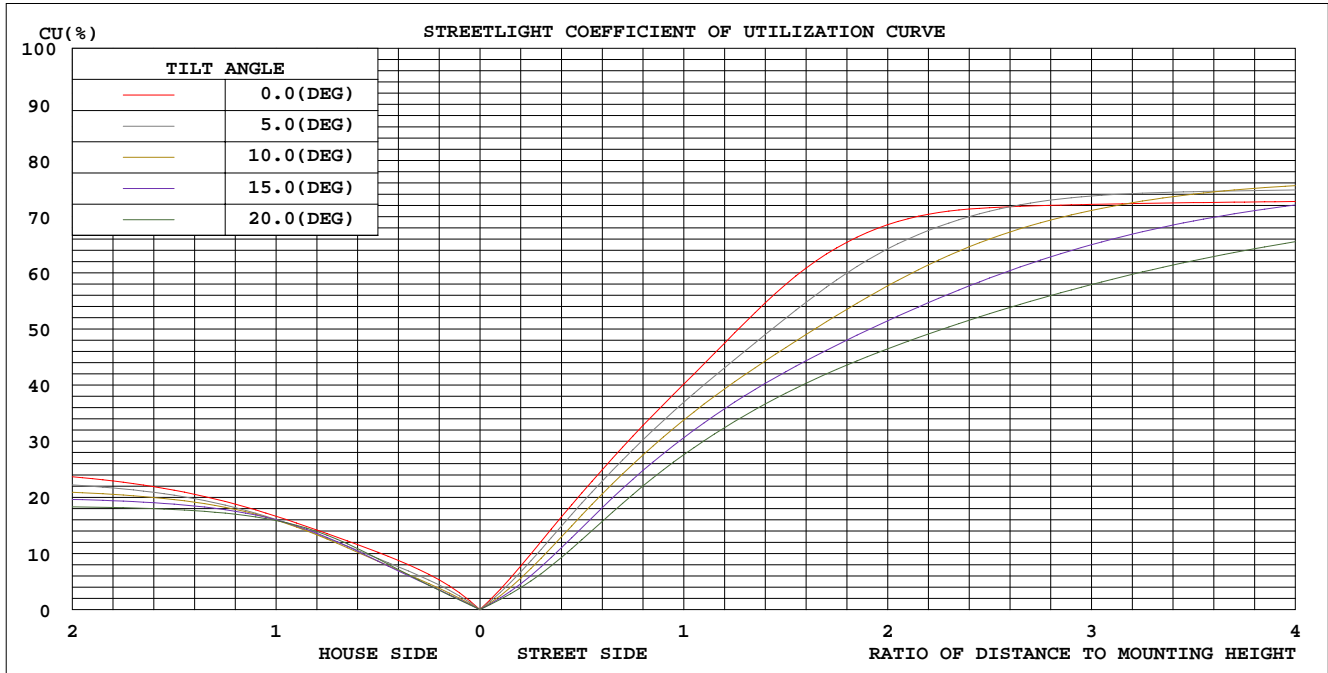
Classification:

IES:Type III - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:46.79cd/klm
Max.At90:0cd/klm
Max.80-90:46.79cd/klm
NRB 5101:Limited[2.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	219018
90%	197116
80%	175214
70%	153313
60%	131411
50%	109509
40%	87607
30%	65705
20%	43804
10%	21902
5%	10951

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-10-16

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:
Test Date: 2023-10-16

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:218.8V I:4.532A P:985.6W PF:0.9938 Freq:60.01Hz Lamp Flux:146779x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-1000WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*666mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

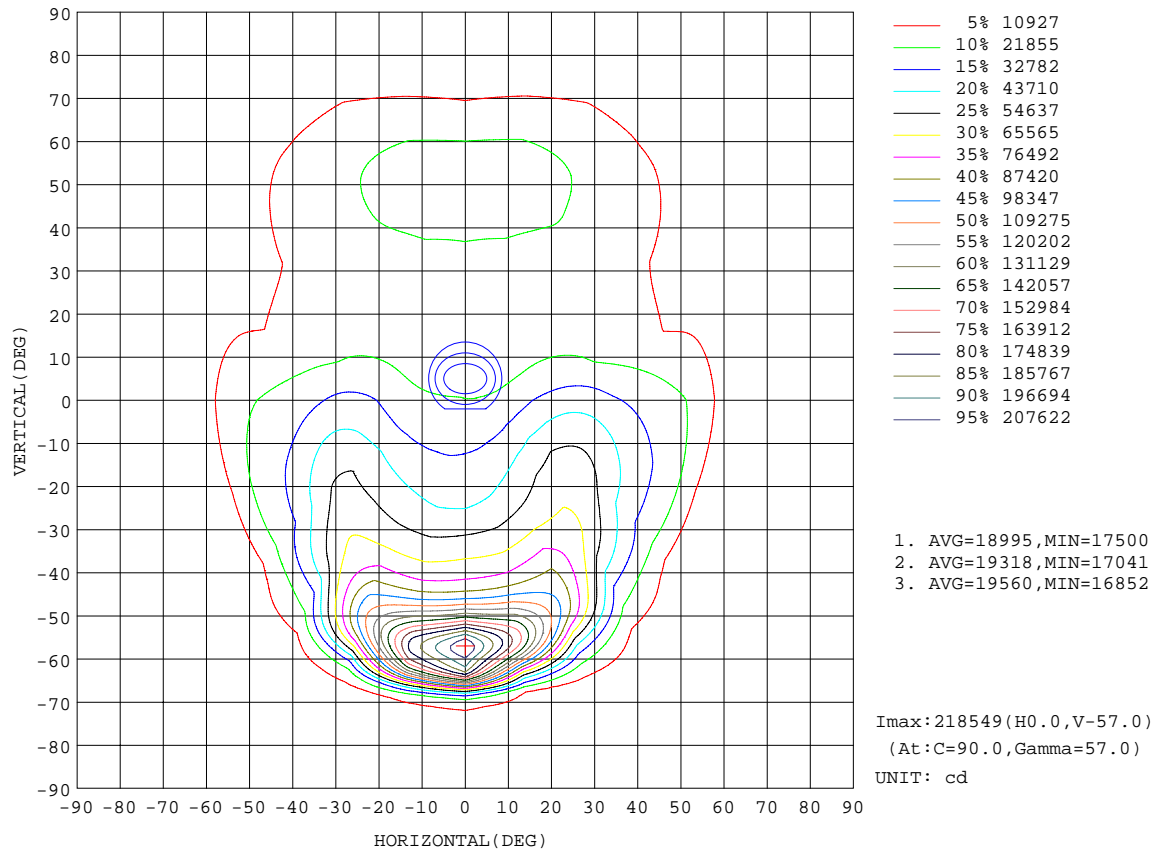
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	264.0	312.8	307.0	287.7	234.2	181.6	172.2	189.9	0- 10	2215	2215	1.51,1.51
20	359.6	480.7	389.6	402.6	314.4	176.3	170.6	184.6	10- 20	7899	10114	6.89,6.89
30	367.5	621.4	524.8	541.2	338.6	162.7	184.4	160.0	20- 30	15700	25814	17.6,17.6
40	296.8	652.8	727.0	662.6	257.3	152.1	240.8	155.5	30- 40	23453	49268	33.6,33.6
50	224.4	414.5	1387	485.8	203.6	156.5	290.4	164.2	40- 50	31095	80362	54.8,54.8
60	75.58	149.2	2069	183.3	78.40	140.8	220.3	145.0	50- 60	38092	118454	80.7,80.7
70	45.18	59.35	169.9	58.96	42.95	83.93	105.5	84.68	60- 70	21200	139655	95.1,95.1
80	20.38	24.85	68.68	24.35	18.93	26.28	41.30	27.69	70- 80	5605	145259	99,99
90	0	0	0	0	0	0	0	0	80- 90	1520	146779	100,100
100	0	0	0	0	0	0	0	0	90-100	0	146779	100,100
110	0	0	0	0	0	0	0	0	100-110	0	146779	100,100
120	0	0	0	0	0	0	0	0	110-120	0	146779	100,100
130	0	0	0	0	0	0	0	0	120-130	0	146779	100,100
140	0	0	0	0	0	0	0	0	130-140	0	146779	100,100
150	0	0	0	0	0	0	0	0	140-150	0	146779	100,100
160	0	0	0	0	0	0	0	0	150-160	0	146779	100,100
170	0	0	0	0	0	0	0	0	160-170	0	146779	100,100
180	0	0	0	0	0	0	0	0	170-180	0	146779	100,100
DEG	LUMINOUS INTENSITY:x100cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-10-16

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

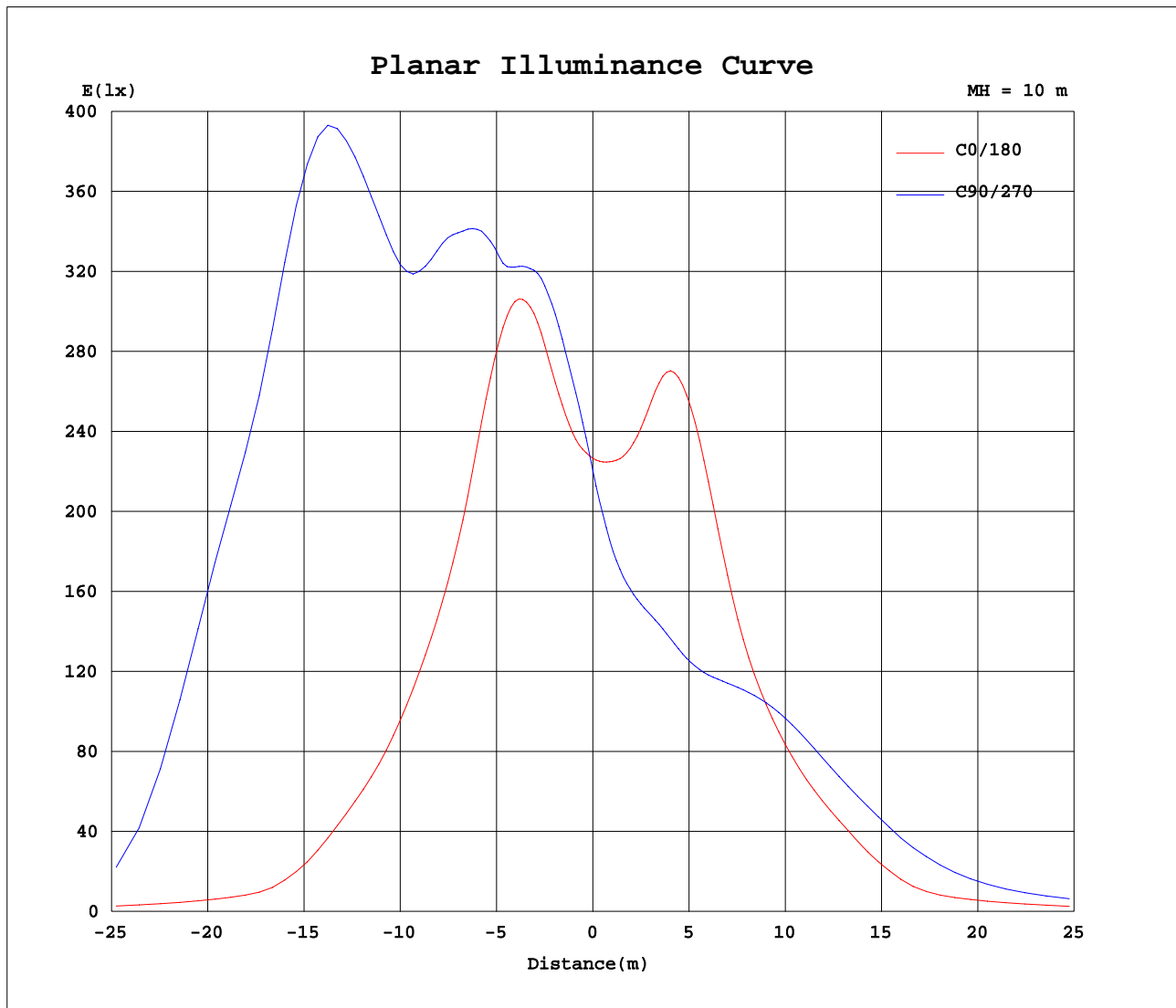
Test:U:218.8V I:4.532A P:985.6W PF:0.9938 Freq:60.01Hz Lamp Flux:146779x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-1000WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*666mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-10-16

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



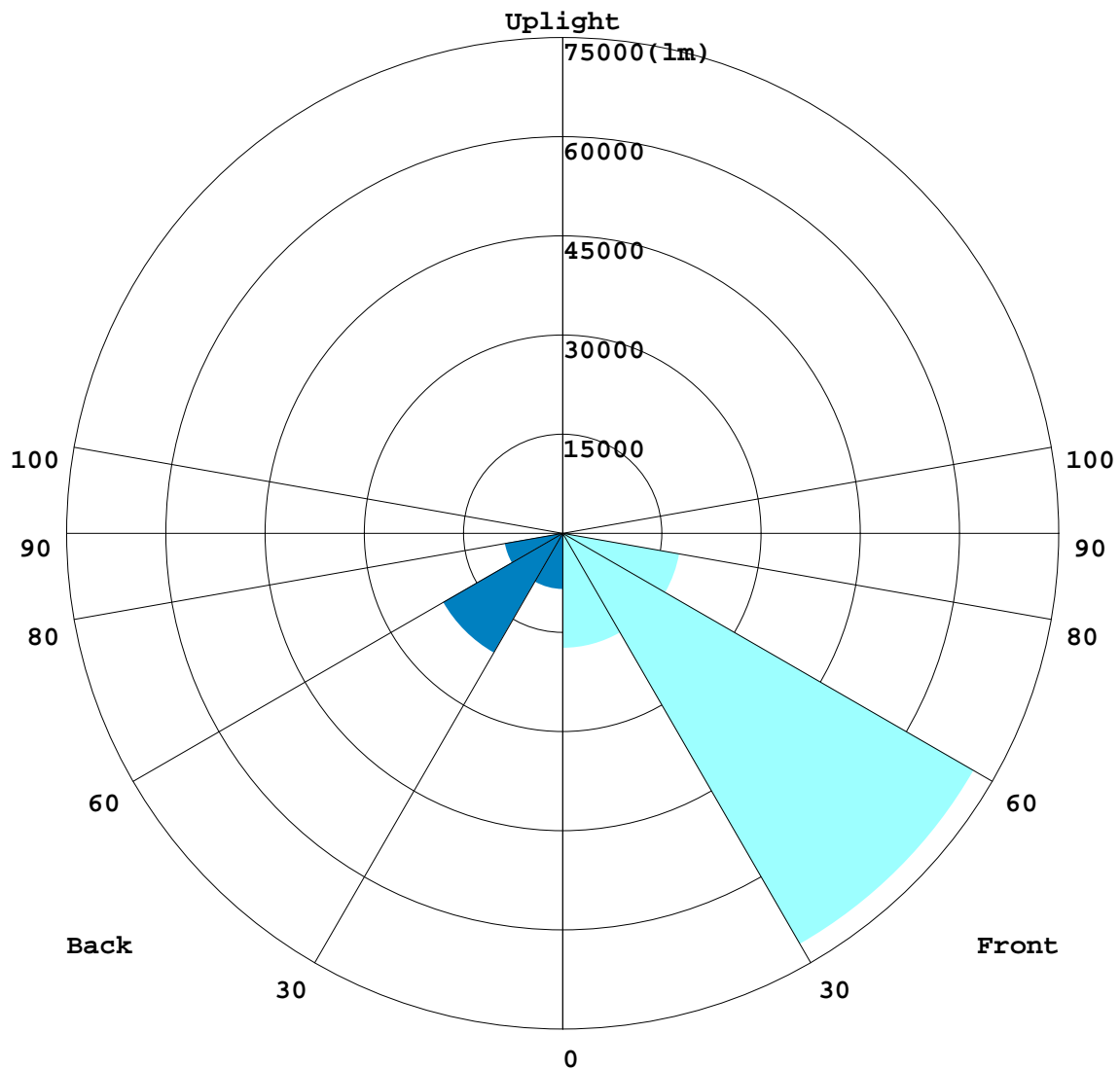
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-10-16

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:218.8V I:4.532A P:985.6W PF:0.9938 Freq:60.01Hz Lamp Flux:146779x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-1000WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*666mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-10-16

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:218.8V I:4.532A P:985.6W PF:0.9938 Freq:60.01Hz Lamp Flux:146779x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-1000WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*666mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	17365	11.8
FM - Front-Medium(30-60)	71775	48.9
FH - Front-High(60-80)	17927	12.2
FVH - Front-Very High(80-90)	783.43	0.5
Total Forward Light	1.0785e+005	73.5

BL - Back-Low(0-30)	8448.8	5.8
BM - Back-Medium(30-60)	20865	14.2
BH - Back-High(60-80)	8877.6	6.0
BVH - Back-Very High(80-90)	736.61	0.5
Total Back Light	38928	26.5

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	B5-U0-G?
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	38928	0	38928
Street Side	1.0785e+005	0	1.0785e+005

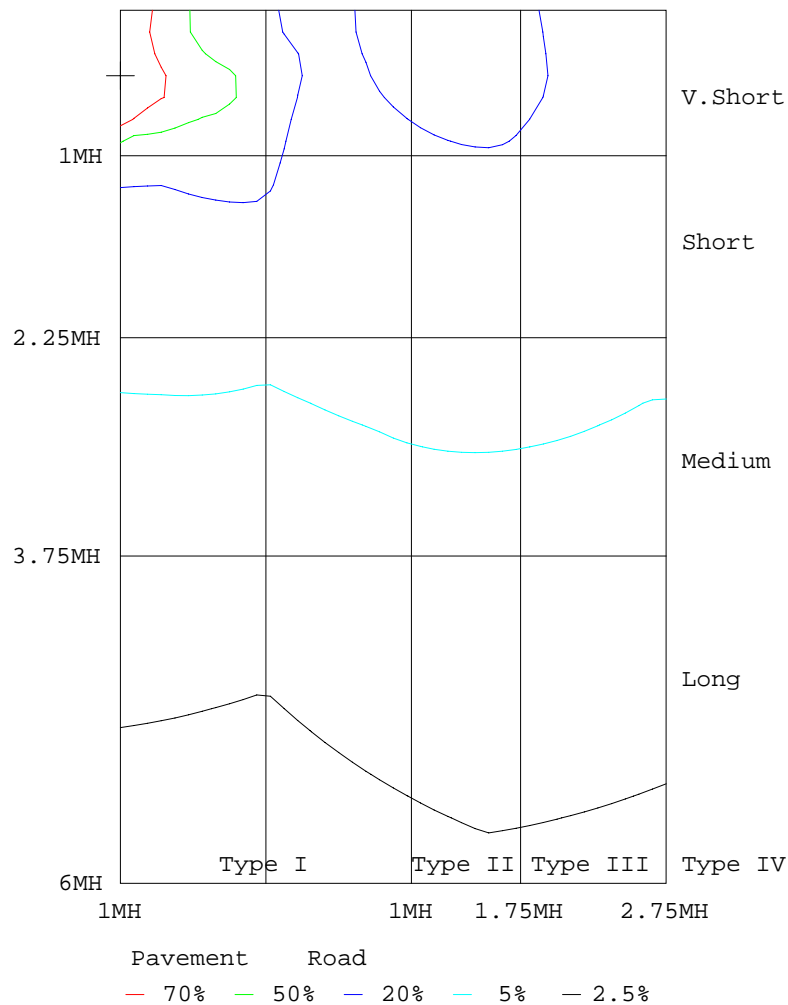
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-10-16

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:218.8V I:4.532A P:985.6W PF:0.9938 Freq:60.01Hz Lamp Flux:146779x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-1000WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*666mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-10-16

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:218.8V I:4.532A P:985.6W PF:0.9938 Freq:60.01Hz Lamp Flux:146779x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-1000WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*666mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--1

UNIT: ×100cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221
5	233	243	252	259	262	264	263	260	256	250	243	233	222	212	203	196	191	189	188
10	264	290	306	313	313	311	307	303	296	288	275	257	234	212	193	182	175	173	172
15	313	362	389	390	377	363	352	347	345	340	326	303	266	228	195	177	169	169	169
20	360	439	486	481	440	409	390	388	397	403	398	372	314	248	196	176	171	171	171
25	382	493	563	561	505	463	436	435	452	470	485	438	345	246	184	173	172	173	173
30	368	496	590	621	584	542	525	510	518	541	552	469	339	220	165	163	171	181	184
35	328	447	550	662	679	633	619	595	598	620	568	444	298	185	140	152	176	201	208
40	297	384	457	653	800	742	727	699	708	663	496	371	257	156	123	152	192	230	241
45	264	327	358	563	898	926	917	866	852	621	375	315	230	128	115	155	212	263	274
50	224	262	272	415	943	1265	1387	1226	1017	486	283	263	204	101	109	157	220	277	290
55	158	134	142	275	822	1561	2057	1696	1045	311	171	155	154	82.5	101	152	217	267	279
60	75.6	72.9	73.7	149	464	1293	2069	1724	727	183	76.1	75.8	78.4	72.5	92.0	141	199	230	220
65	59.3	62.9	66.4	75.8	192	467	1406	995	254	80.7	67.0	62.4	57.3	63.4	81.2	122	167	172	150
70	45.2	51.4	54.6	59.3	64.2	87.7	170	122	68.1	59.0	53.2	48.7	42.9	50.9	64.9	83.9	125	119	105
75	31.8	35.5	39.4	39.3	45.9	66.7	90.8	77.2	48.7	38.8	38.6	34.4	30.1	38.1	42.9	48.2	74.6	78.6	69.6
80	20.4	23.5	25.3	24.8	28.6	39.3	68.7	44.1	29.5	24.3	24.2	22.0	18.9	24.4	25.3	26.3	37.0	43.8	41.3
85	10.2	13.8	11.6	11.6	12.2	16.9	30.5	18.3	12.3	10.6	10.4	10.16	9.37	10.00	10.1	10.3	13.8	16.6	14.7
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:2023-10-16

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:218.8V I:4.532A P:985.6W PF:0.9938 Freq:60.01Hz Lamp Flux:146779x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-1000WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*666mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--2

UNIT: ×100cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	221	221	221	221	221														
5	190	194	201	209	220														
10	175	180	190	207	232														
15	173	177	188	210	253														
20	175	177	185	209	269														
25	175	173	174	191	262														
30	182	170	160	162	231														
35	201	177	152	134	196														
40	231	196	156	125	163														
45	265	222	164	121	129														
50	282	228	164	114	102														
55	271	224	158	105	84.7														
60	235	204	145	95.4	75.0														
65	176	170	124	83.1	66.5														
70	121	126	84.7	66.2	53.8														
75	79.5	75.4	49.1	44.2	40.4														
80	43.9	37.9	27.7	26.8	26.5														
85	16.8	14.7	11.6	11.7	11.9														
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:2023-10-16

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: