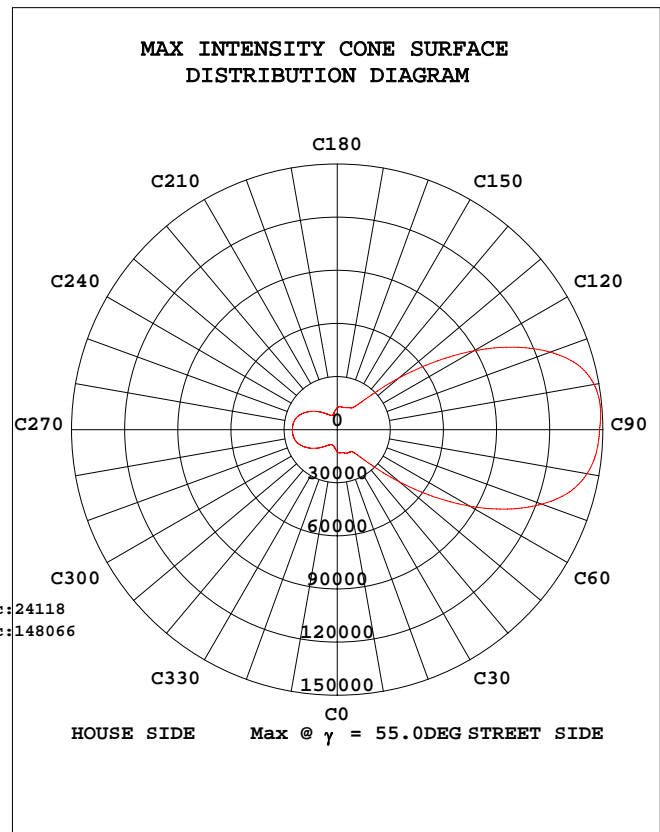
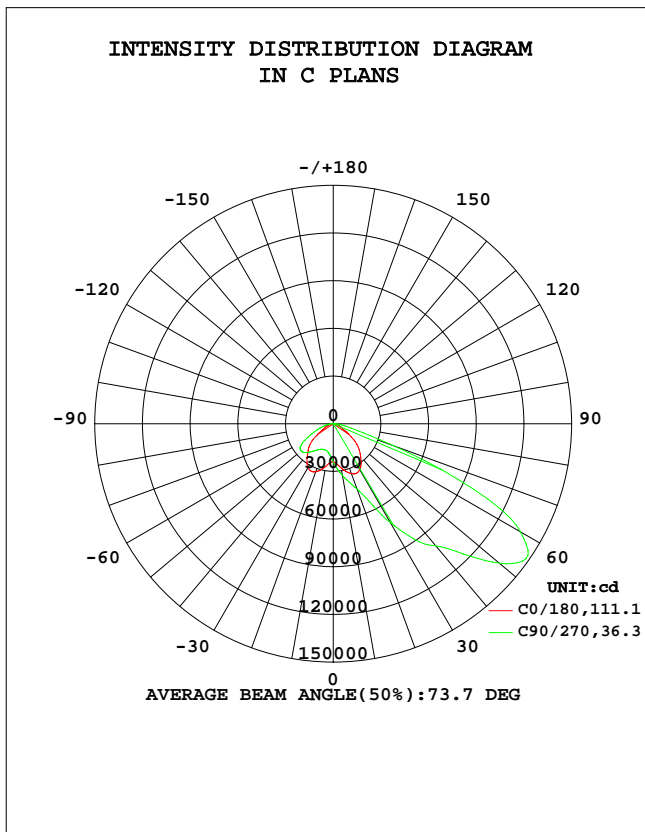


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:3.640A P:794.4W PF:0.9960 Freq:60.01Hz Lamp Flux:146141x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-PG60D-P	DIM.: 462*444mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 183.97 lm/W			
MODEL	5050	I _{max} (cd)	148066	η street_up(%)	0.0
NOMINAL POWER(W)	800	LOR(%)	100.0	η street_down(%)	73.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	146141	η house_up(%)	0.0
NOMINAL FLUX(lm)	146141	MAXIMUM @(C,γ)	90,55.0	η house_down(%)	26.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.980

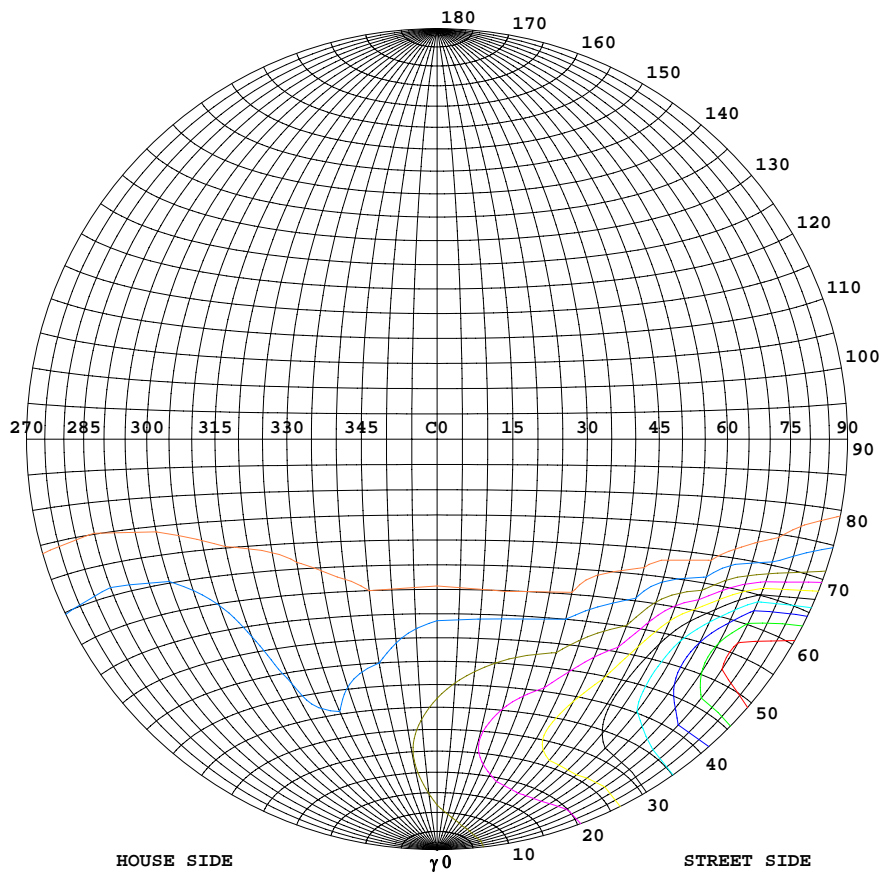


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-10-11

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:219.1V I:3.640A P:794.4W PF:0.9960 Freq:60.01Hz Lamp Flux:14614lx1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-PG60D-P	DIM.: 462*444mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



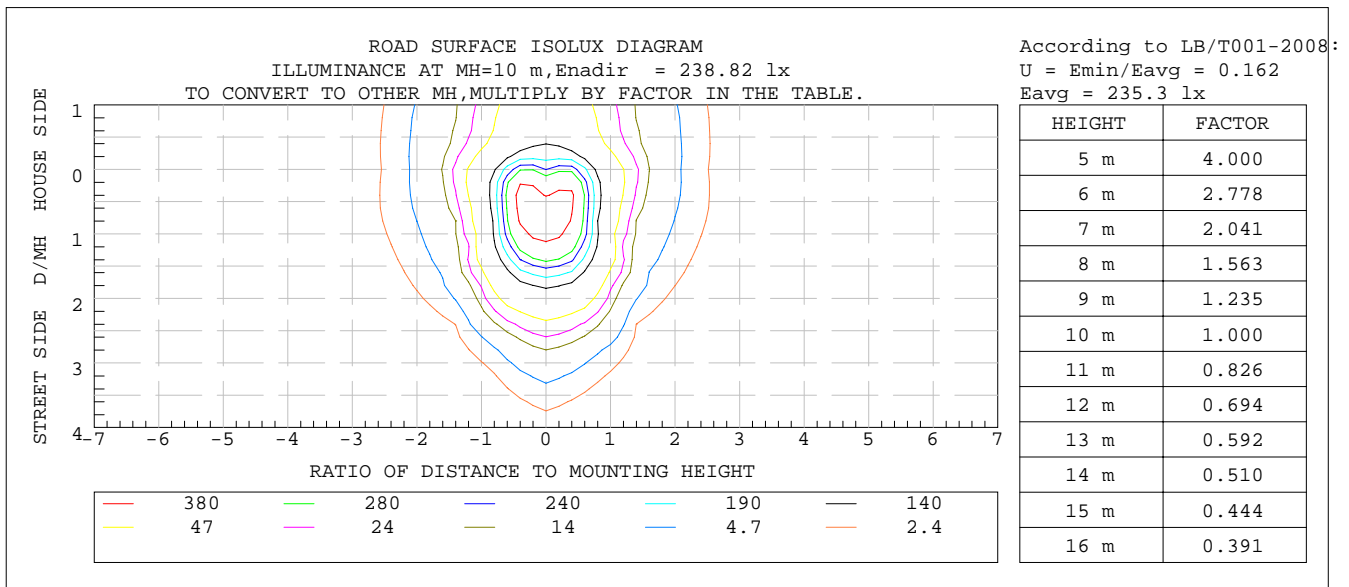
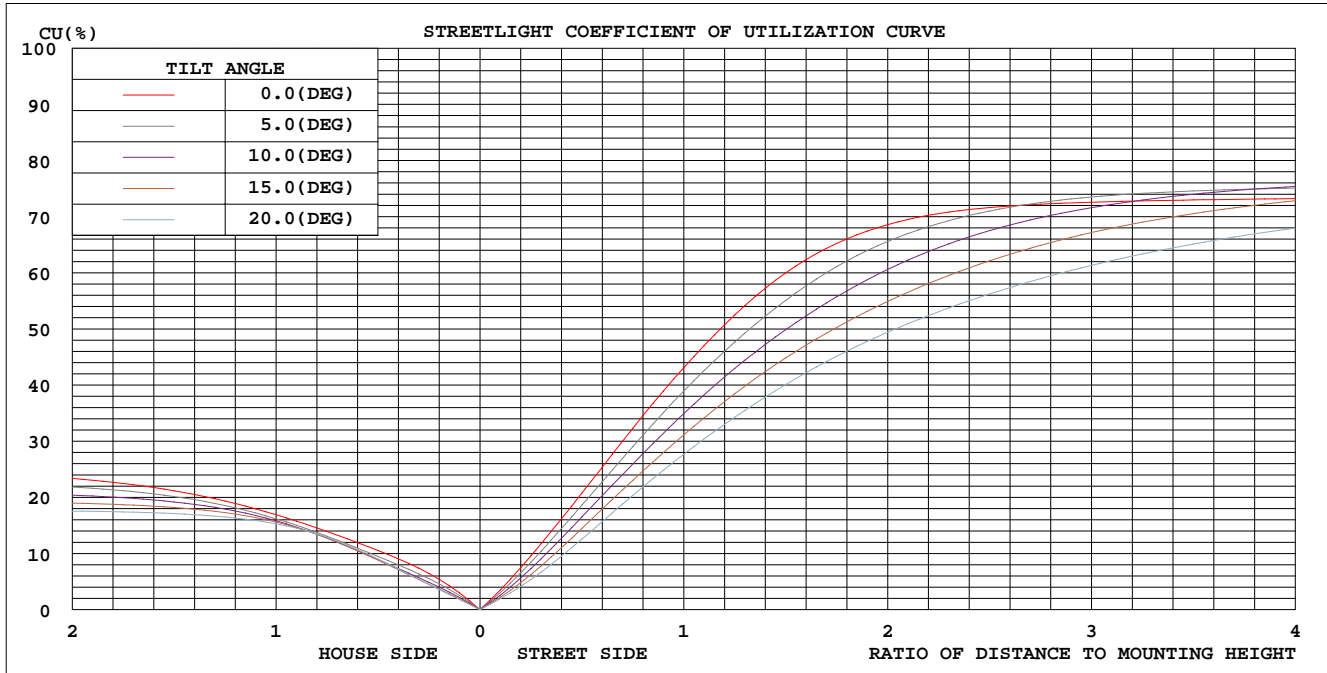
Classification:

IES:Type III - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:45.58cd/klm
Max.At90:0cd/klm
Max.80-90:45.58cd/klm
NRB 5101:Limited[2.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	148066
90%	133260
80%	118453
70%	103646
60%	88840
50%	74033
40%	59226
30%	44420
20%	29613
10%	14807
5%	7403

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-10-11

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: 2023-10-11

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:219.1V I:3.640A P:794.4W PF:0.9960 Freq:60.01Hz Lamp Flux:146141x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-PG60D-P	DIM.: 462*444mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

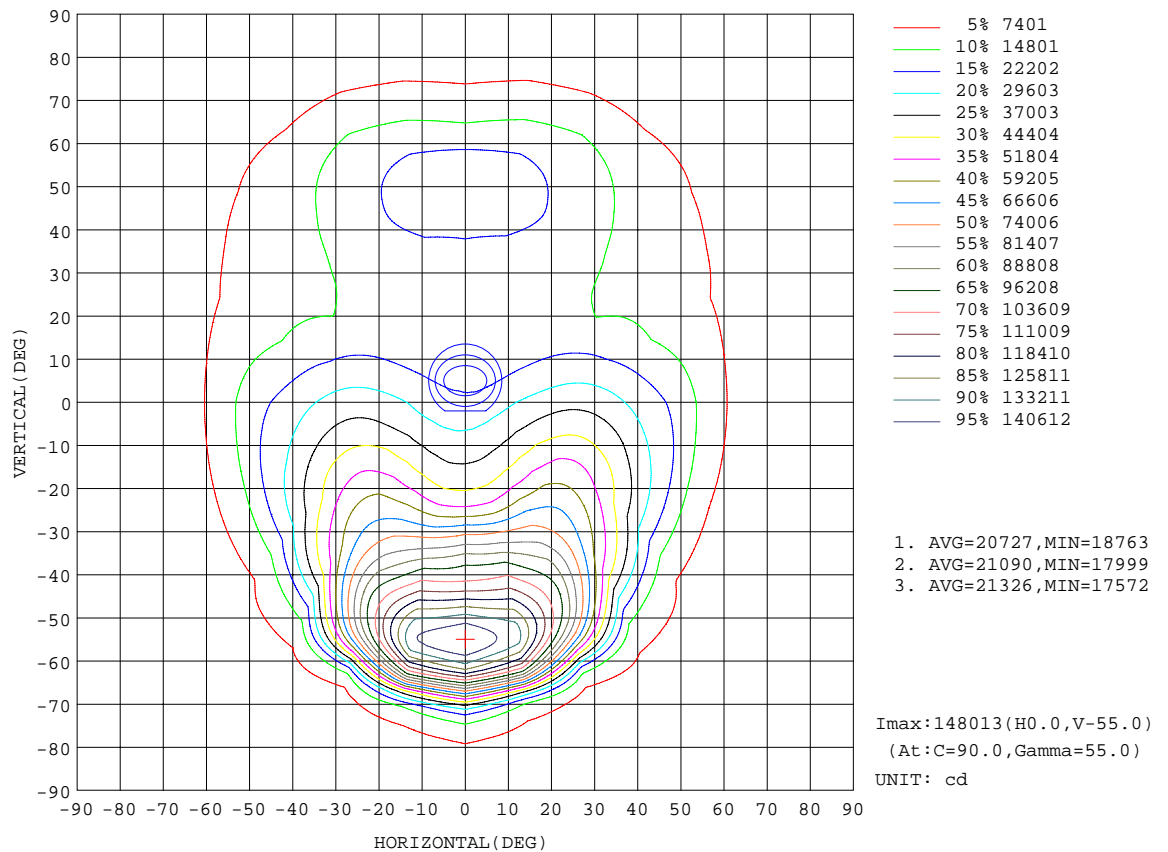
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	281.2	331.6	329.1	323.0	272.1	204.4	182.7	207.2	0- 10	2419	2419	1.66,1.66
20	333.9	476.5	436.9	461.8	321.5	183.7	173.4	186.3	10- 20	8375	10794	7.39,7.39
30	334.4	638.6	719.3	612.1	316.9	163.3	188.7	164.4	20- 30	16535	27329	18.7,18.7
40	268.1	640.8	1003	623.1	252.2	158.2	233.0	160.7	30- 40	25631	52961	36.2,36.2
50	187.5	468.8	1366	450.4	181.2	151.8	265.3	154.7	40- 50	32702	85663	58.6,58.6
60	77.79	157.4	1359	150.0	76.25	130.2	205.4	131.2	50- 60	33656	119318	81.6,81.6
70	44.00	59.97	399.2	57.40	41.56	75.81	101.8	76.93	60- 70	19579	138898	95,95
80	19.77	24.66	66.61	23.11	18.19	24.15	36.63	25.53	70- 80	5796	144694	99,99
90	0	0	0	0	0	0	0	0	80- 90	1447	146141	100,100
100	0	0	0	0	0	0	0	0	90-100	0	146141	100,100
110	0	0	0	0	0	0	0	0	100-110	0	146141	100,100
120	0	0	0	0	0	0	0	0	110-120	0	146141	100,100
130	0	0	0	0	0	0	0	0	120-130	0	146141	100,100
140	0	0	0	0	0	0	0	0	130-140	0	146141	100,100
150	0	0	0	0	0	0	0	0	140-150	0	146141	100,100
160	0	0	0	0	0	0	0	0	150-160	0	146141	100,100
170	0	0	0	0	0	0	0	0	160-170	0	146141	100,100
180	0	0	0	0	0	0	0	0	170-180	0	146141	100,100
DEG	LUMINOUS INTENSITY:×100cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-10-11

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

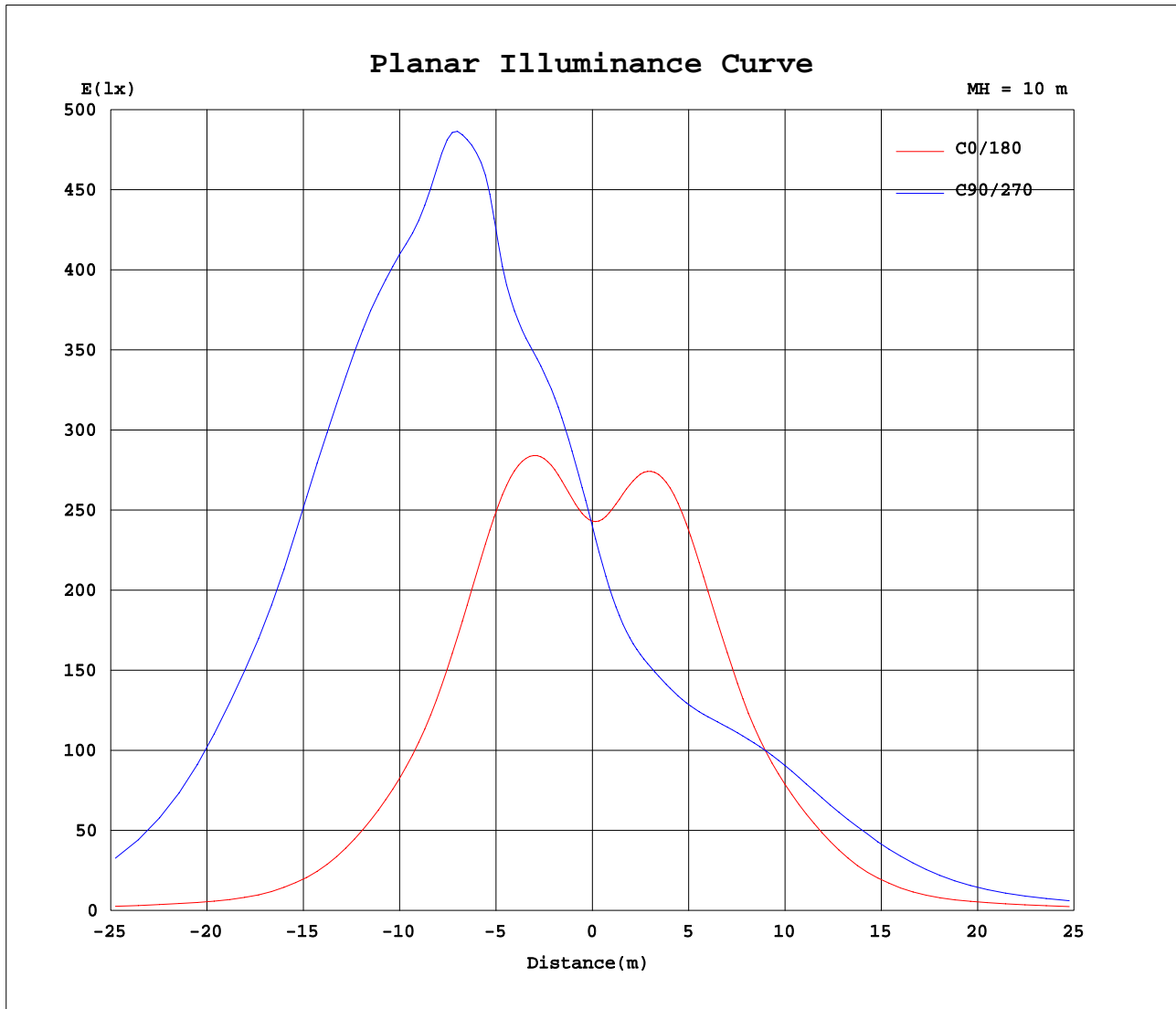
Test:U:219.1V I:3.640A P:794.4W PF:0.9960 Freq:60.01Hz Lamp Flux:14614lx1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-PG60D-P	DIM.: 462*444mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-10-11

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



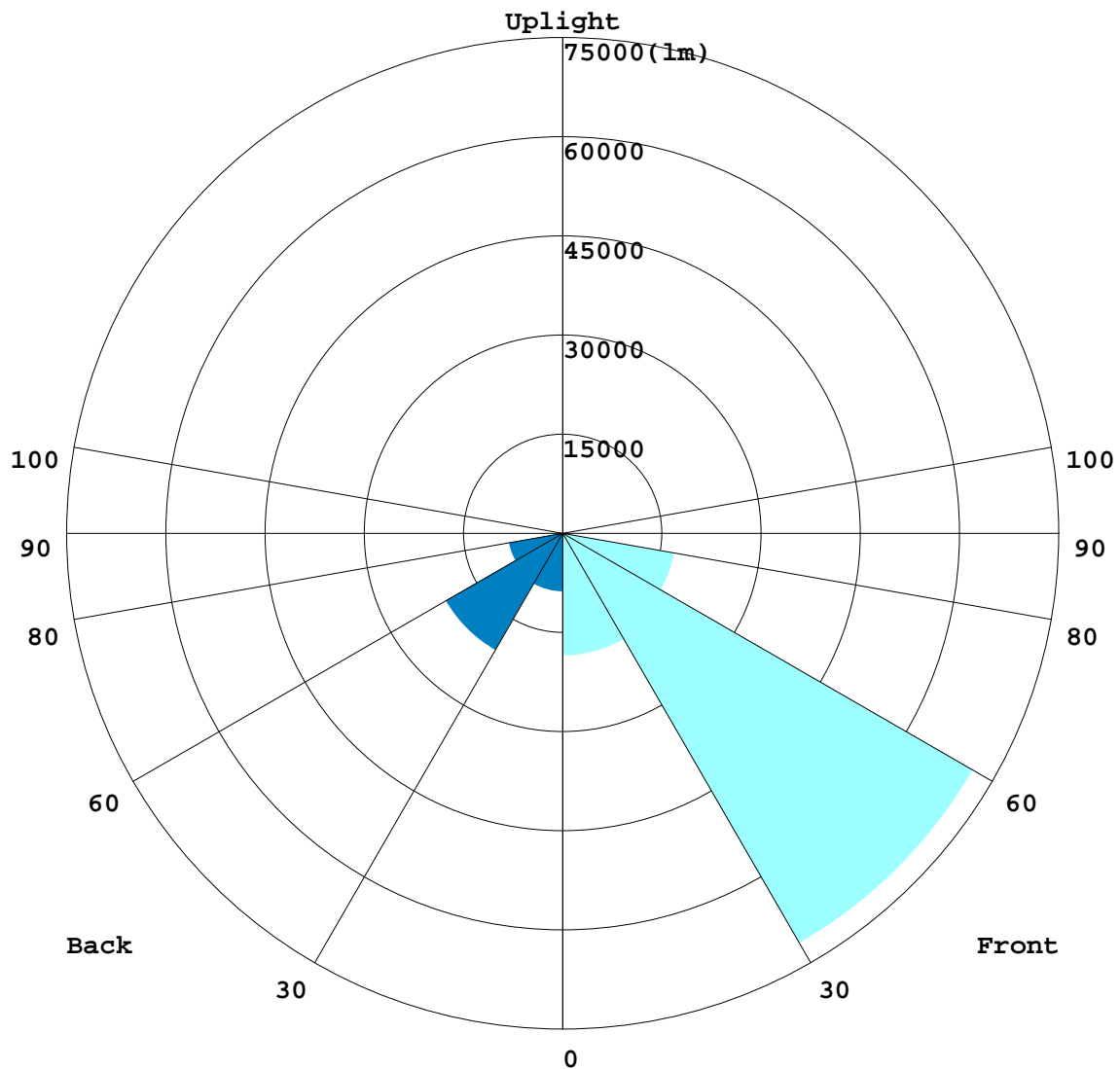
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-10-11

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:219.1V I:3.640A P:794.4W PF:0.9960 Freq:60.01Hz Lamp Flux:14614lx1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-PG60D-P	DIM.: 462*444mm	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:2023-10-11

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:219.1V I:3.640A P:794.4W PF:0.9960 Freq:60.01Hz Lamp Flux:14614lx1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-PG60D-P	DIM.: 462*444mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	18520	12.7
FM - Front-Medium(30-60)	71601	49.0
FH - Front-High(60-80)	17143	11.7
FVH - Front-Very High(80-90)	793.61	0.5
Total Forward Light	1.0806e+005	73.9

BL - Back-Low(0-30)	8809.3	6.0
BM - Back-Medium(30-60)	20388	14.0
BH - Back-High(60-80)	8232.5	5.6
BVH - Back-Very High(80-90)	652.92	0.4
Total Back Light	38083	26.1

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	38083	0	38083
Street Side	1.0806e+005	0	1.0806e+005

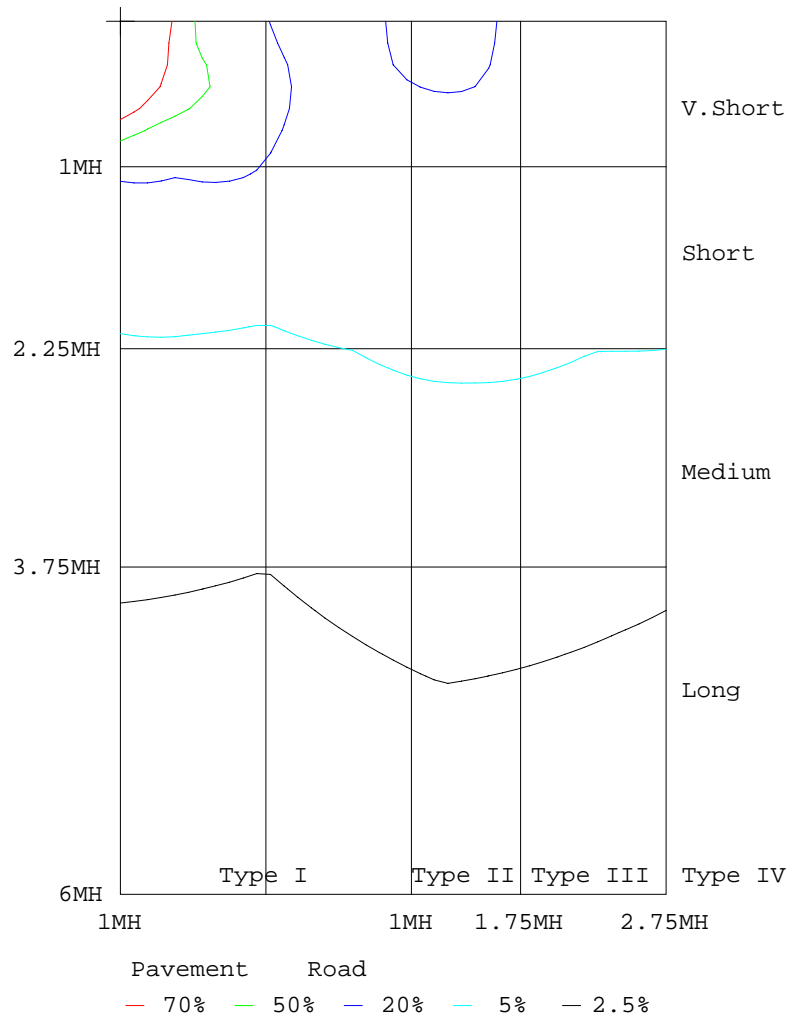
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-10-11

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:219.1V I:3.640A P:794.4W PF:0.9960 Freq:60.01Hz Lamp Flux:14614lx1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-PG60D-P	DIM.: 462*444mm	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:2023-10-11

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:219.1V I:3.640A P:794.4W PF:0.9960 Freq:60.01Hz Lamp Flux:14614lx1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-PG60D-P	DIM.: 462*444mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--1

UNIT: ×100cd

C(°) \ γ (°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
5	254	264	271	278	281	283	283	281	278	274	267	258	248	238	226	217	209	206	204
10	281	304	321	332	333	331	329	328	326	323	312	295	272	247	222	204	191	185	183
15	311	352	383	398	393	384	378	378	384	387	371	339	300	258	219	194	181	176	174
20	334	398	450	476	467	446	437	439	455	462	435	381	322	262	211	184	174	174	173
25	344	431	511	567	572	546	540	534	550	545	491	410	329	256	197	173	172	176	177
30	334	434	537	639	692	706	719	678	656	612	514	410	317	236	173	163	173	185	189
35	307	405	513	660	783	863	885	827	746	640	494	384	289	206	150	158	181	202	208
40	268	353	450	641	875	1012	1003	985	830	623	435	335	252	174	132	158	195	226	233
45	231	292	359	581	940	1137	1159	1128	921	562	353	281	220	143	118	156	207	248	256
50	188	221	252	469	948	1287	1366	1305	958	450	249	215	181	114	108	152	207	255	265
55	128	133	146	301	864	1359	1481	1410	892	286	145	130	125	88.7	99.1	143	200	243	253
60	77.8	72.4	74.7	157	603	1198	1359	1261	642	150	75.7	76.5	76.2	73.6	88.9	130	181	209	205
65	57.5	61.2	64.2	80.9	200	751	975	824	211	76.6	64.1	60.6	55.5	62.0	77.1	109	150	159	145
70	44.0	51.0	53.7	60.0	63.4	170	399	241	63.7	57.4	51.8	47.4	41.6	49.3	60.5	75.8	111	113	102
75	30.8	34.6	39.0	39.0	44.8	69.7	139	79.4	44.8	37.0	37.3	32.9	29.0	36.6	40.2	44.7	67.2	73.9	65.7
80	19.8	22.8	24.9	24.7	28.7	39.9	66.6	41.5	28.0	23.1	23.8	21.0	18.2	23.3	23.4	24.1	33.7	39.6	36.6
85	9.73	14.3	11.7	11.8	13.0	18.5	29.3	18.7	12.3	10.6	10.4	14.5	8.56	9.09	8.72	8.49	11.6	13.9	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:
 Test Date:2023-10-11

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:219.1V I:3.640A P:794.4W PF:0.9960 Freq:60.01Hz Lamp Flux:14614lx1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-PG60D-P	DIM.: 462*444mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--2

UNIT: ×100cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	240	240	240	240	240														
5	206	211	219	229	242														
10	186	193	207	227	254														
15	177	182	197	225	266														
20	175	176	186	218	272														
25	177	172	175	202	269														
30	185	173	164	177	250														
35	203	181	159	151	219														
40	226	196	161	135	185														
45	248	209	159	122	150														
50	256	209	155	111	119														
55	244	201	146	101	92.5														
60	211	182	131	90.5	75.1														
65	162	151	111	78.1	64.7														
70	115	111	76.9	62.3	51.8														
75	75.6	66.6	45.8	42.0	38.7														
80	40.3	34.0	25.5	25.2	25.5														
85	14.4	12.4	9.82	10.4	11.2														
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:2023-10-11

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: