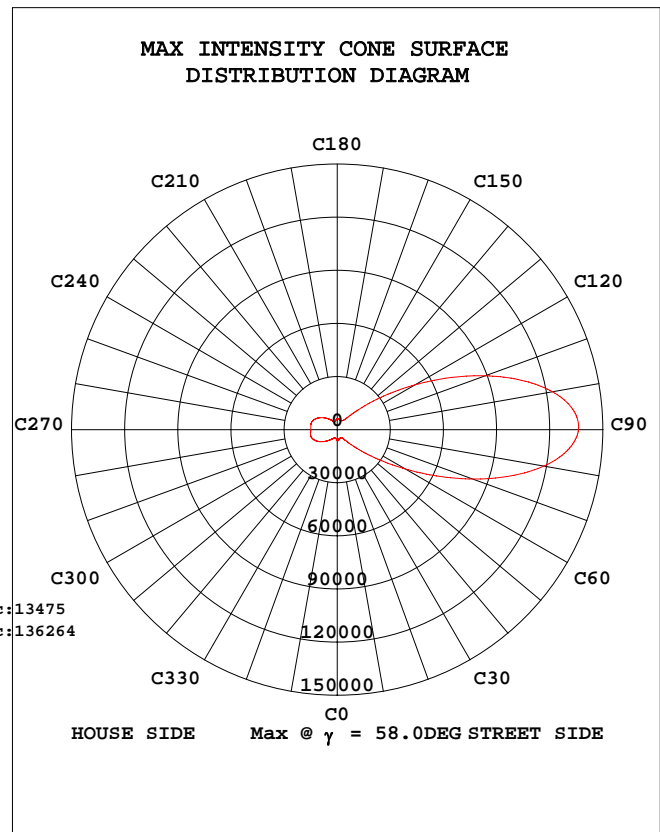
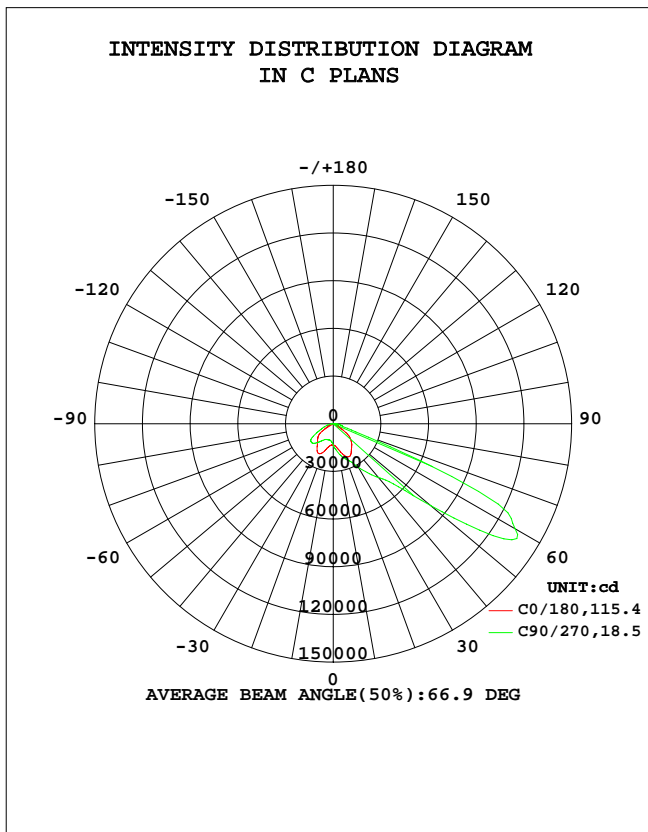


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.0V I:2.787A P:606.4W PF:0.9934 Freq:60.01Hz Lamp Flux:91160.3x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-600WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*444mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 150.33 lm/W			
MODEL	3030	I _{max} (cd)	136264	η street_up(%)	0.0
NOMINAL POWER(W)	600	LOR(%)	100.0	η street_down(%)	73.7
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	91160	η house_up(%)	0.0
NOMINAL FLUX(lm)	91160.3	MAXIMUM @(C,γ)	90,58.0	η house_down(%)	26.3
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.341

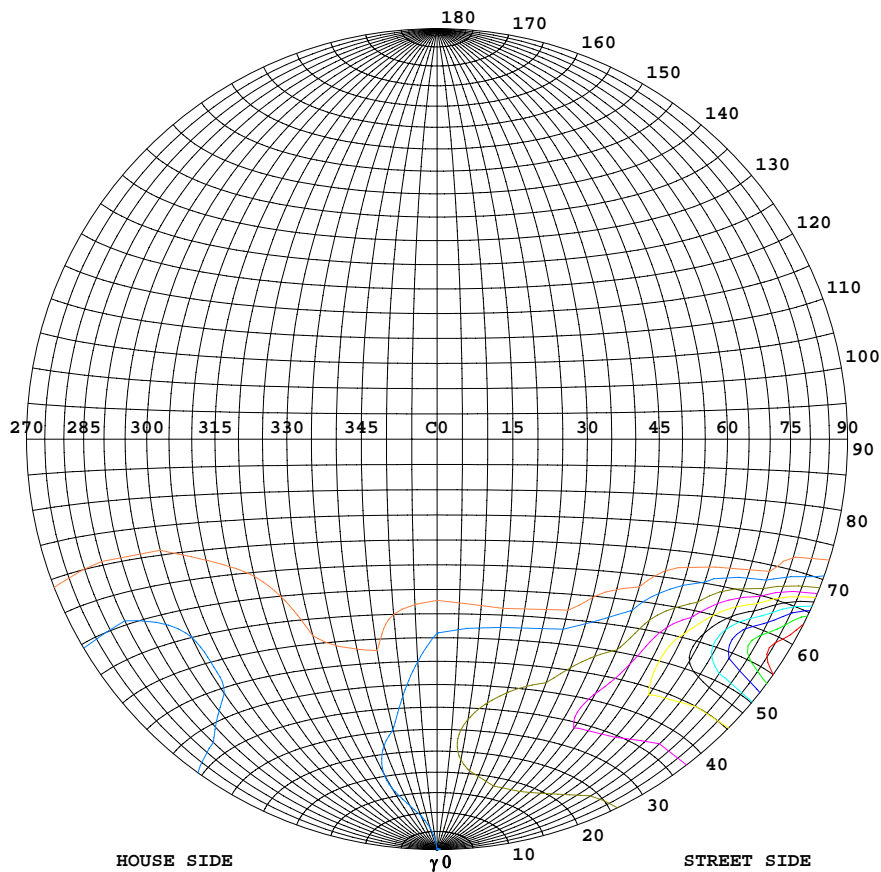


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-10-16

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:219.0V I:2.787A P:606.4W PF:0.9934 Freq:60.01Hz Lamp Flux:91160.3x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-600WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*444mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



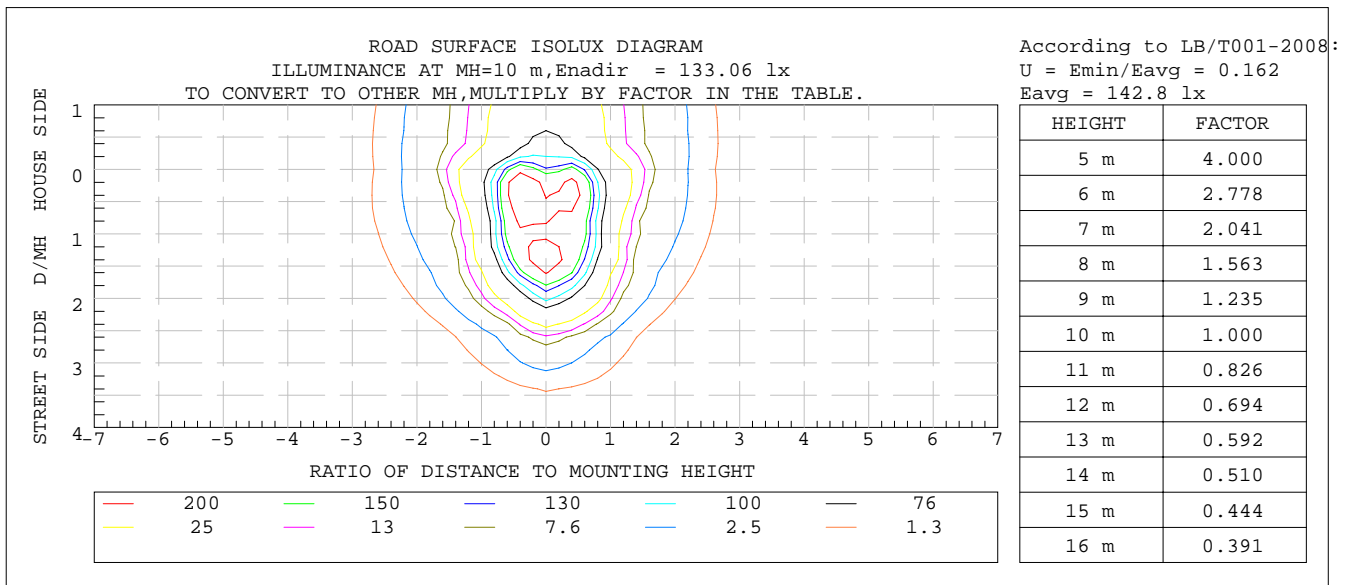
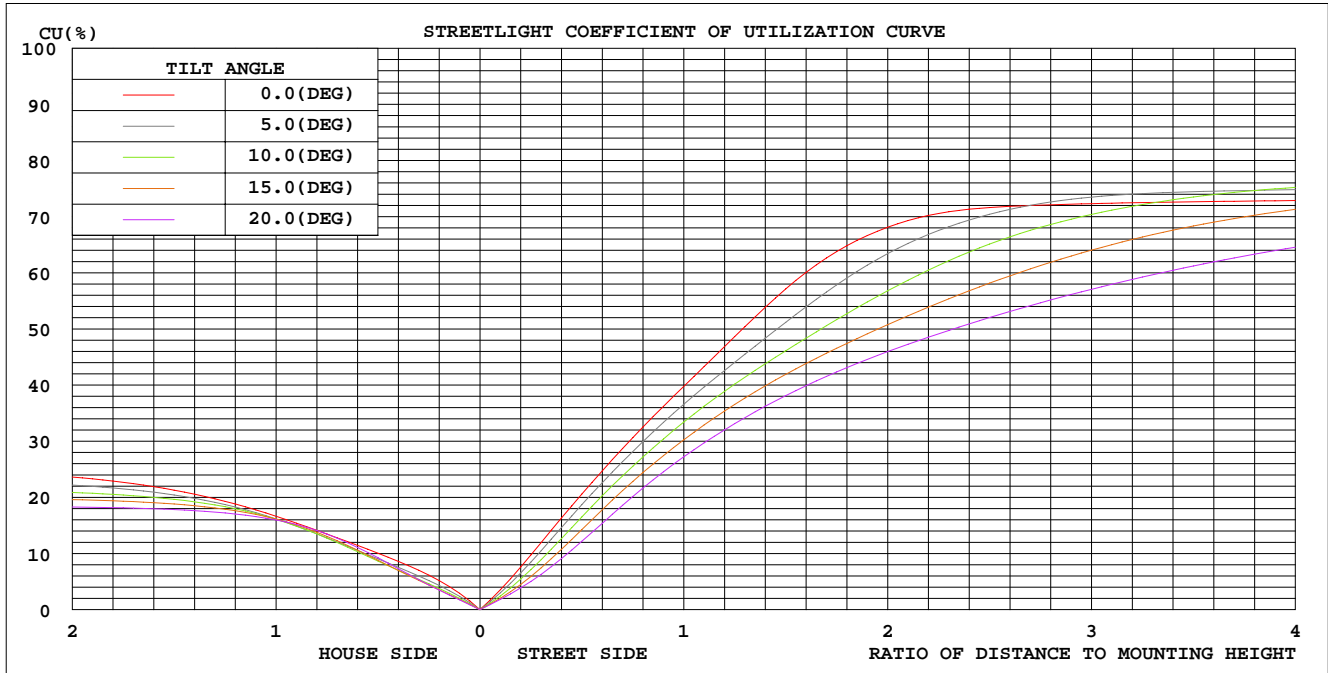
Classification:

IES:Type III - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:51.81cd/klm
Max.At90:0cd/klm
Max.80-90:51.81cd/klm
NRB 5101:Limited[2.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	136264
90%	122637
80%	109011
70%	95384
60%	81758
50%	68132
40%	54505
30%	40879
20%	27253
10%	13626
5%	6813

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:219.0V I:2.787A P:606.4W PF:0.9934 Freq:60.01Hz Lamp Flux:91160.3x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-600WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*444mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

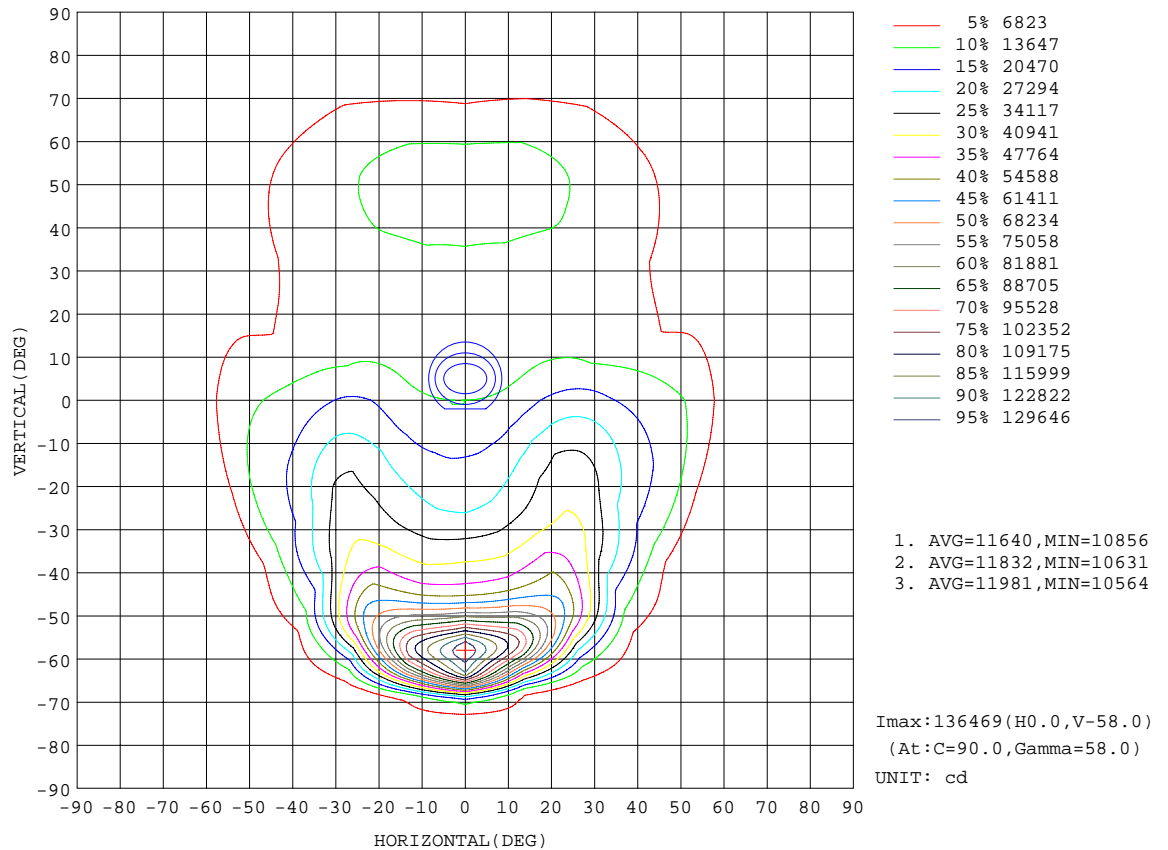
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	157.5	187.7	186.5	176.1	143.2	111.9	106.8	116.5	0- 10	1347	1347	1.48,1.48
20	214.5	289.5	238.4	250.1	192.6	110.2	107.0	114.8	10- 20	4823	6169	6.77,6.77
30	222.6	382.8	317.5	341.0	201.9	101.6	117.7	100.0	20- 30	9627	15796	17.3,17.3
40	181.6	414.2	441.3	404.8	155.1	98.24	154.6	98.05	30- 40	14480	30276	33.2,33.2
50	138.5	277.5	804.7	284.6	123.8	101.4	181.3	102.3	40- 50	19088	49364	54.2,54.2
60	47.09	104.8	1321	107.1	48.02	89.52	130.1	88.87	50- 60	23530	72894	80,80
70	28.08	38.47	152.0	37.23	26.71	50.36	62.34	49.82	60- 70	13828	86721	95.1,95.1
80	12.66	16.53	47.23	15.54	11.72	15.40	23.62	16.25	70- 80	3490	90211	99,99
90	0	0	0	0	0	0	0	0	80- 90	949.0	91160	100,100
100	0	0	0	0	0	0	0	0	90-100	0	91160	100,100
110	0	0	0	0	0	0	0	0	100-110	0	91160	100,100
120	0	0	0	0	0	0	0	0	110-120	0	91160	100,100
130	0	0	0	0	0	0	0	0	120-130	0	91160	100,100
140	0	0	0	0	0	0	0	0	130-140	0	91160	100,100
150	0	0	0	0	0	0	0	0	140-150	0	91160	100,100
160	0	0	0	0	0	0	0	0	150-160	0	91160	100,100
170	0	0	0	0	0	0	0	0	160-170	0	91160	100,100
180	0	0	0	0	0	0	0	0	170-180	0	91160	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

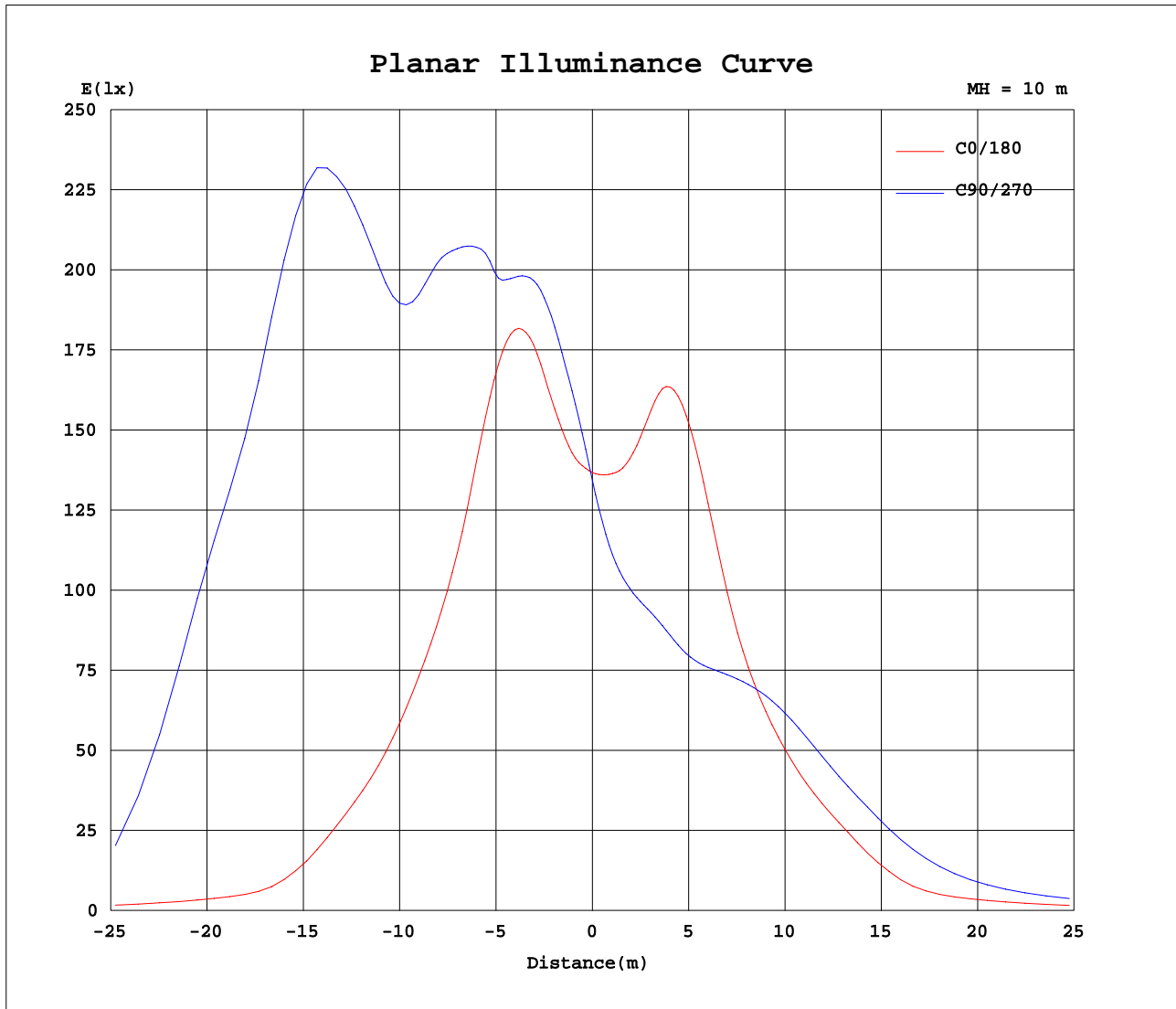
Test:U:219.0V I:2.787A P:606.4W PF:0.9934 Freq:60.01Hz Lamp Flux:91160.3x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-600WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*444mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



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

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



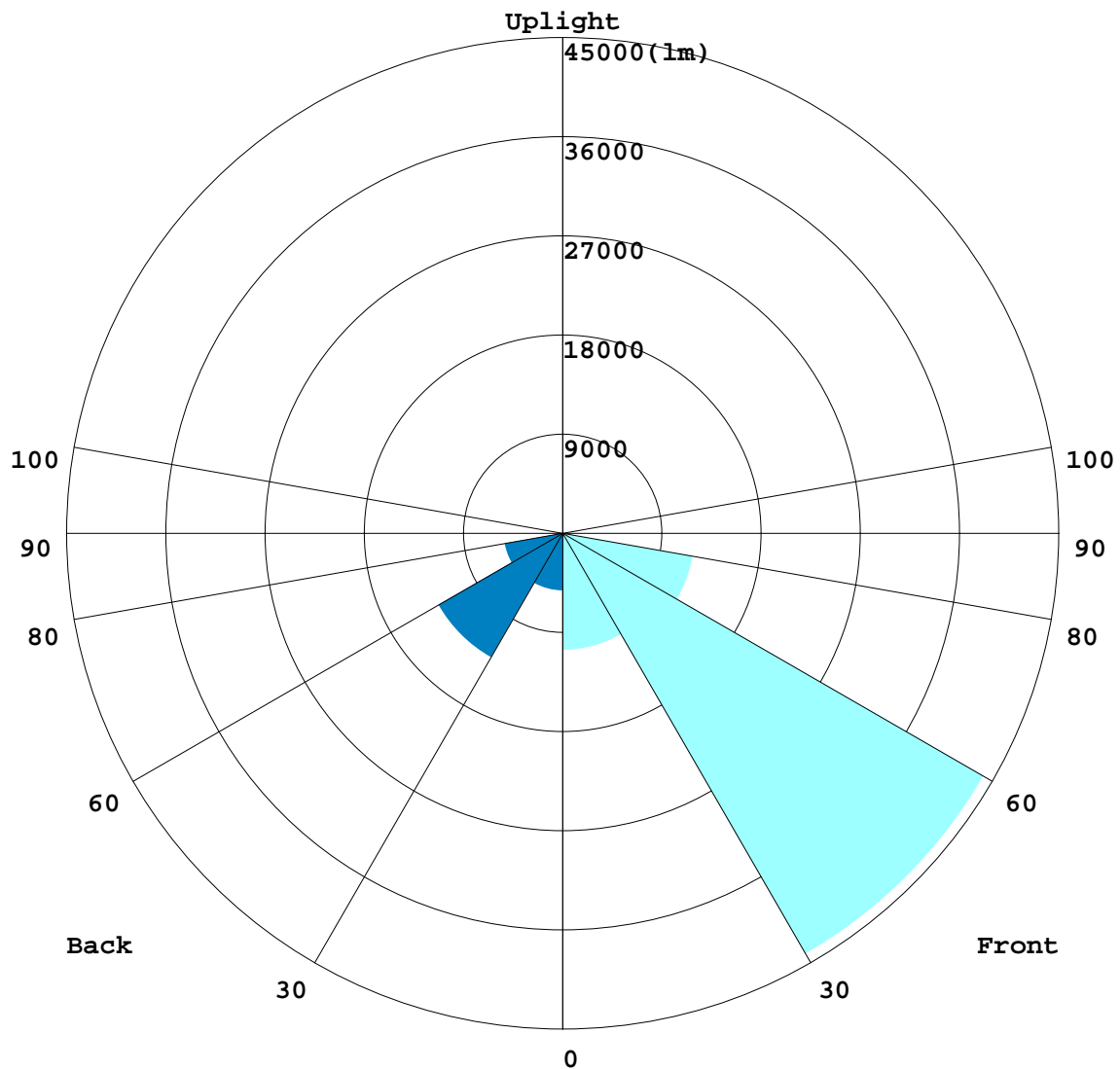
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-10-16

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:219.0V I:2.787A P:606.4W PF:0.9934 Freq:60.01Hz Lamp Flux:91160.3x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-600WFSC-NV-S3-00-4070-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:2023-10-16

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:219.0V I:2.787A P:606.4W PF:0.9934 Freq:60.01Hz Lamp Flux:91160.3x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-600WFSC-NV-S3-00-4070-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)	10600	11.6
FM - Front-Medium(30-60)	44088	48.4
FH - Front-High(60-80)	11981	13.1
FVH - Front-Very High(80-90)	535.61	0.6
Total Forward Light	67204	73.7

BL - Back-Low(0-30)	5196.8	5.7
BM - Back-Medium(30-60)	13009	14.3
BH - Back-High(60-80)	5336.8	5.9
BVH - Back-Very High(80-90)	413.36	0.5
Total Back Light	23956	26.3

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	23956	0	23956
Street Side	67204	0	67204

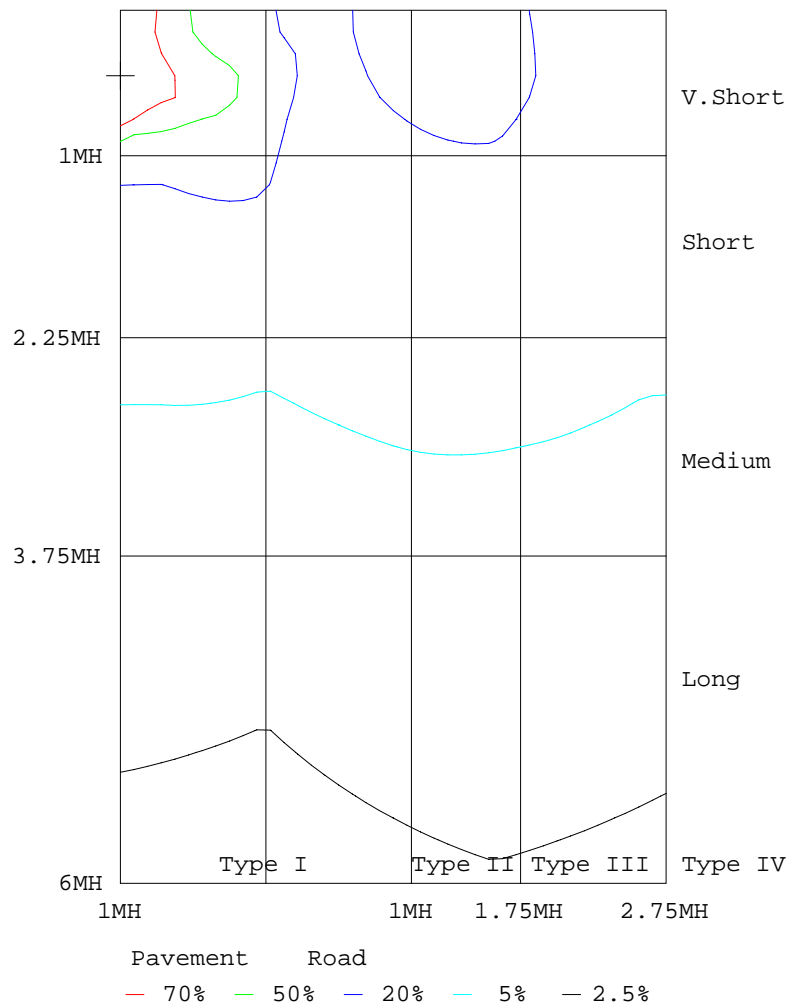
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-10-16

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:219.0V I:2.787A P:606.4W PF:0.9934 Freq:60.01Hz Lamp Flux:91160.3x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-600WFSC-NV-S3-00-4070-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:2023-10-16

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:219.0V I:2.787A P:606.4W PF:0.9934 Freq:60.01Hz Lamp Flux:91160.3x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-600WFSC-NV-S3-00-4070-PG60D-P	DIM.: 462*444mm	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	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134
5	140	147	152	157	159	160	160	158	156	152	148	141	135	129	124	120	117	116	115
10	157	173	183	188	189	188	186	184	181	176	168	157	143	130	119	112	108	107	107
15	186	215	233	233	227	220	215	213	213	209	201	186	164	140	120	110	106	106	106
20	214	263	293	289	266	249	238	240	247	250	248	229	193	149	120	110	107	107	107
25	230	300	345	342	306	280	264	269	281	296	303	267	208	145	112	108	108	109	109
30	223	307	368	383	353	327	317	313	322	341	343	282	202	128	101	102	108	116	118
35	199	280	350	412	410	384	375	366	372	387	352	264	177	109	86.3	96.5	113	130	134
40	182	241	293	414	485	449	441	427	439	405	304	224	155	90.8	77.5	98.2	125	149	155
45	162	206	230	367	556	546	535	518	521	371	231	193	140	72.5	73.4	101	138	169	174
50	139	167	175	278	601	752	805	718	600	285	176	164	124	58.8	69.5	101	141	175	181
55	99.0	88.5	97.5	184	561	990	1227	987	598	187	105	97.4	93.4	50.3	64.7	97.4	137	166	171
60	47.1	44.8	46.2	105	343	909	1321	1040	405	107	47.5	47.7	48.0	45.2	58.6	89.5	124	139	130
65	36.8	39.3	41.9	50.3	140	387	1009	610	158	47.8	41.8	38.8	35.4	39.6	51.2	75.8	102	100	88.6
70	28.1	32.7	34.8	38.5	42.7	57.5	152	72.4	44.5	37.2	33.4	30.5	26.7	31.7	39.8	50.4	74.5	68.9	62.3
75	19.7	22.6	25.3	25.7	30.1	44.7	59.2	48.6	30.3	24.4	24.3	21.4	18.7	23.7	25.9	28.7	43.8	45.2	40.7
80	12.7	14.9	16.3	16.5	19.3	26.9	47.2	28.6	18.9	15.5	15.6	13.7	11.7	14.9	15.0	15.4	21.4	24.4	23.6
85	6.32	8.11	7.76	8.07	8.91	12.4	22.6	12.8	8.40	7.25	6.88	7.06	5.45	5.78	5.54	5.31	7.44	8.82	7.45
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:219.0V I:2.787A P:606.4W PF:0.9934 Freq:60.01Hz Lamp Flux:91160.3x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:8.2KG
SPEC.:AOK-600WFSC-NV-S3-00-4070-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	134	134	134	134	134														
5	117	118	122	127	133														
10	109	111	117	126	140														
15	108	110	116	128	152														
20	110	111	115	127	161														
25	110	108	109	117	157														
30	115	107	100	99.9	140														
35	129	112	95.3	83.4	119														
40	148	124	98.1	78.2	99.6														
45	168	140	102	75.3	78.5														
50	176	142	102	70.7	62.3														
55	166	137	97.6	65.3	52.3														
60	142	124	88.9	58.8	46.5														
65	105	102	75.1	50.9	41.2														
70	72.0	73.7	49.8	40.4	33.1														
75	47.0	42.8	29.0	26.9	24.8														
80	25.0	21.3	16.2	16.1	16.3														
85	9.02	7.78	6.26	6.63	7.12														
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: