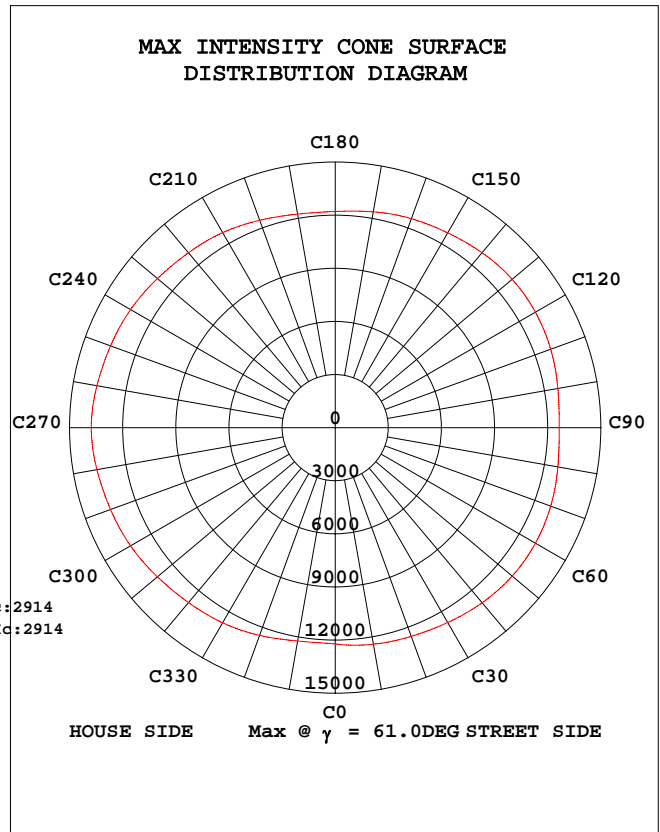
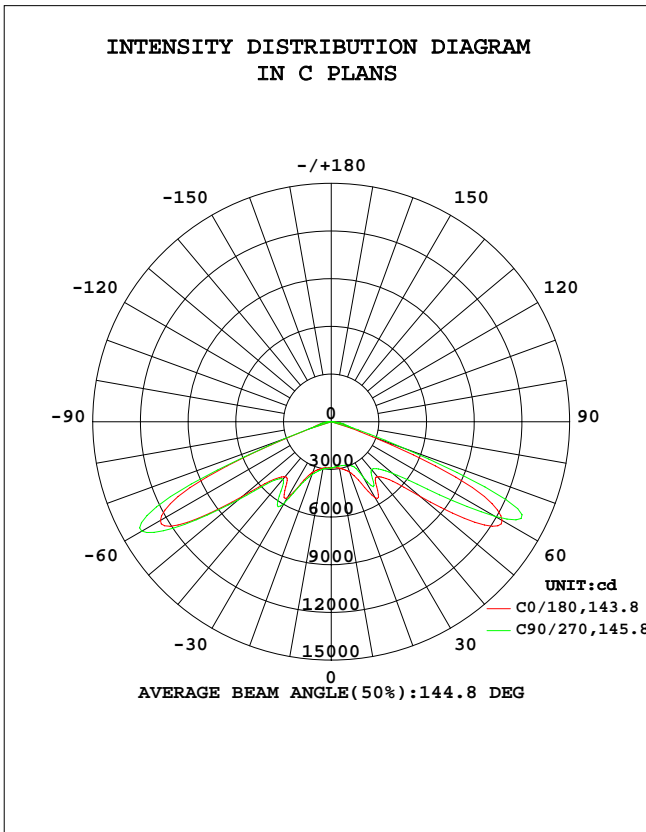


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:1.057A P:225.9W PF:0.9754 Freq:49.99Hz Lamp Flux:31488.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.41 lm/W			
MODEL	3030	I _{max} (cd)	13779	η street_up(%)	0.0
NOMINAL POWER(W)	145	LOR(%)	100.0	η street_down(%)	48.8
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	31489	η house_up(%)	0.0
NOMINAL FLUX(lm)	31488.6	MAXIMUM @(C,γ)	270,61.0	η house_down(%)	51.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.845

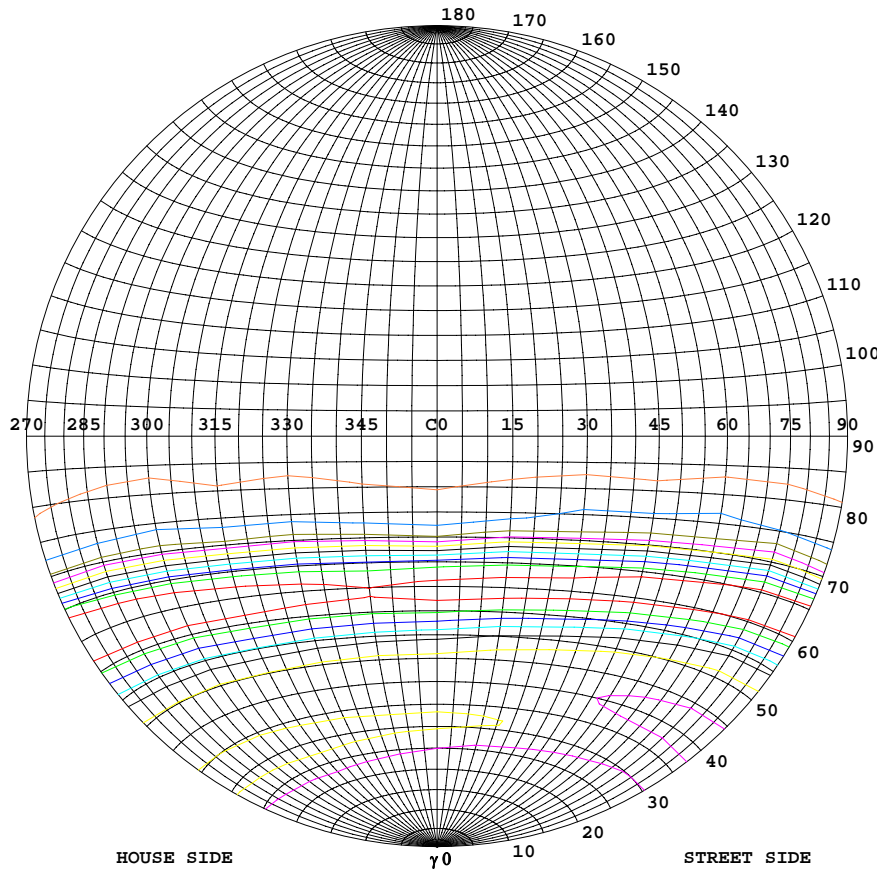


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.2V I:1.057A P:225.9W PF:0.9754 Freq:49.99Hz Lamp Flux:31488.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



Classification:

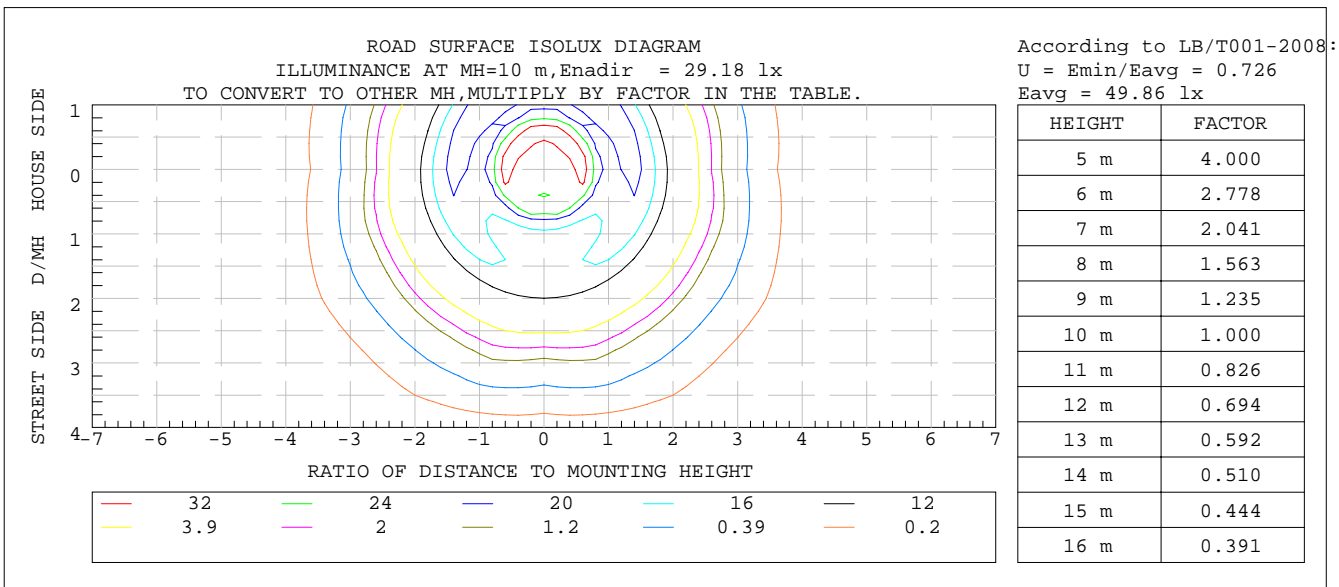
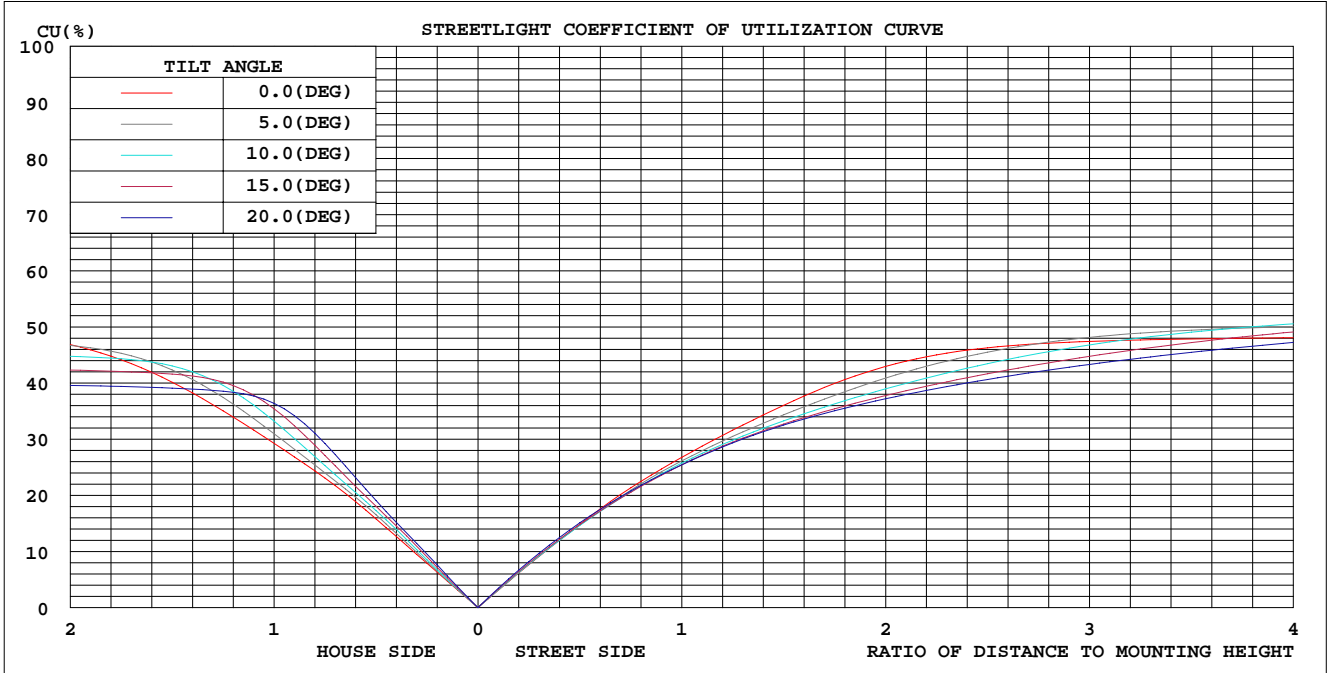
IES:Type V - Very Short
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:32.64cd/klm
 Max.At90:0cd/klm
 Max.80-90:32.64cd/klm
 NRB 5101:Limited[4.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	13779
90%	12401
80%	11023
70%	9645
60%	8267
50%	6889
40%	5511
30%	4134
20%	2756
10%	1378
5%	689

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [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: 2019-11-02

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.2V I:1.057A P:225.9W PF:0.9754 Freq:49.99Hz Lamp Flux:31488.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

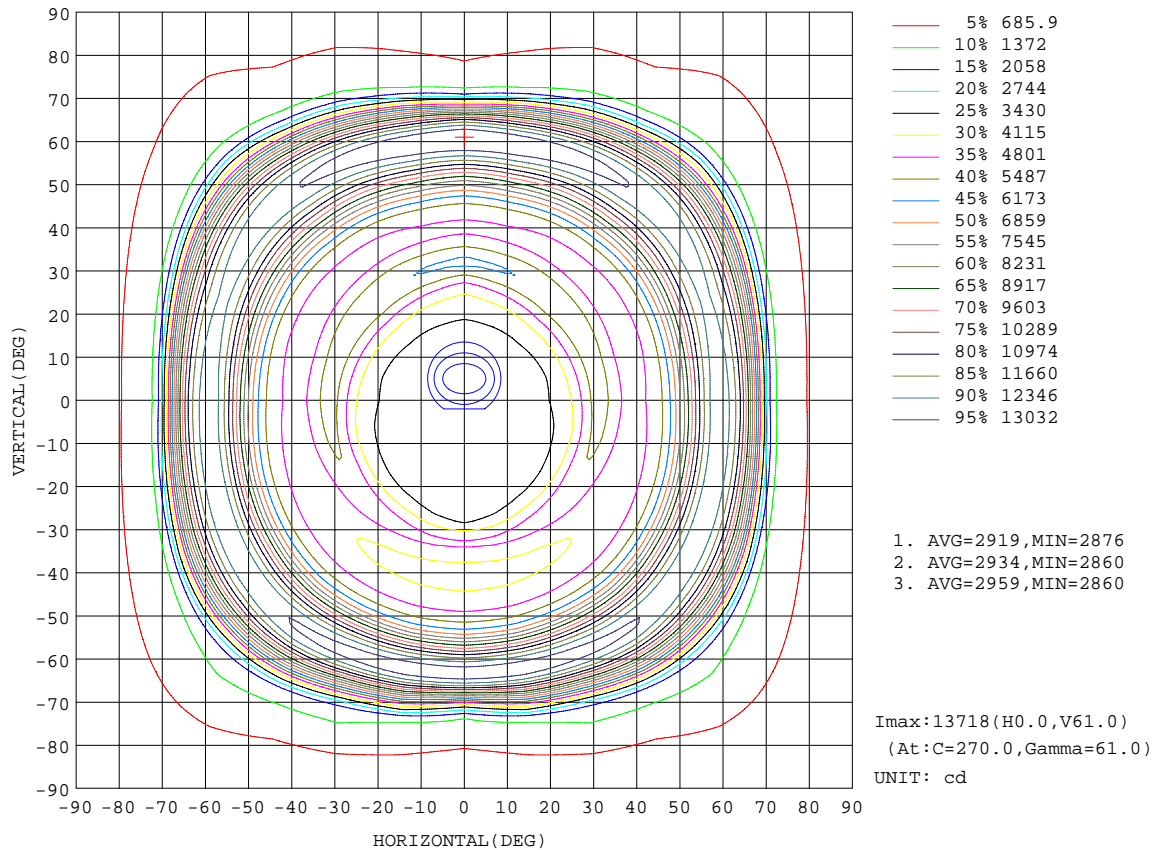
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	296.9	287.2	283.3	287.2	296.9	303.0	302.8	303.0	0- 10	278.2	278.2	0.88,0.88
20	337.5	309.7	291.5	309.7	337.5	369.3	354.6	369.3	10- 20	885.7	1164	3.7,3.7
30	551.6	486.1	400.1	486.1	551.6	609.2	588.8	609.2	20- 30	1958	3122	9.91,9.91
40	452.6	411.7	394.7	411.7	452.6	466.5	473.3	466.5	30- 40	3123	6244	19.8,19.8
50	734.3	571.4	506.2	571.4	734.3	826.0	767.2	826.0	40- 50	4072	10317	32.8,32.8
60	1241	1272	1190	1272	1241	1320	1377	1320	50- 60	9192	19509	62,62
70	278.3	526.5	488.7	526.5	278.3	342.5	311.7	342.5	60- 70	9858	29367	93.3,93.3
80	62.82	89.68	75.35	89.68	62.82	78.17	63.29	78.17	70- 80	1717	31083	98.7,98.7
90	0	0	0	0	0	0	0	0	80- 90	405.1	31489	100,100
100	0	0	0	0	0	0	0	0	90-100	0	31489	100,100
110	0	0	0	0	0	0	0	0	100-110	0	31489	100,100
120	0	0	0	0	0	0	0	0	110-120	0	31489	100,100
130	0	0	0	0	0	0	0	0	120-130	0	31489	100,100
140	0	0	0	0	0	0	0	0	130-140	0	31489	100,100
150	0	0	0	0	0	0	0	0	140-150	0	31489	100,100
160	0	0	0	0	0	0	0	0	150-160	0	31489	100,100
170	0	0	0	0	0	0	0	0	160-170	0	31489	100,100
180	0	0	0	0	0	0	0	0	170-180	0	31489	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

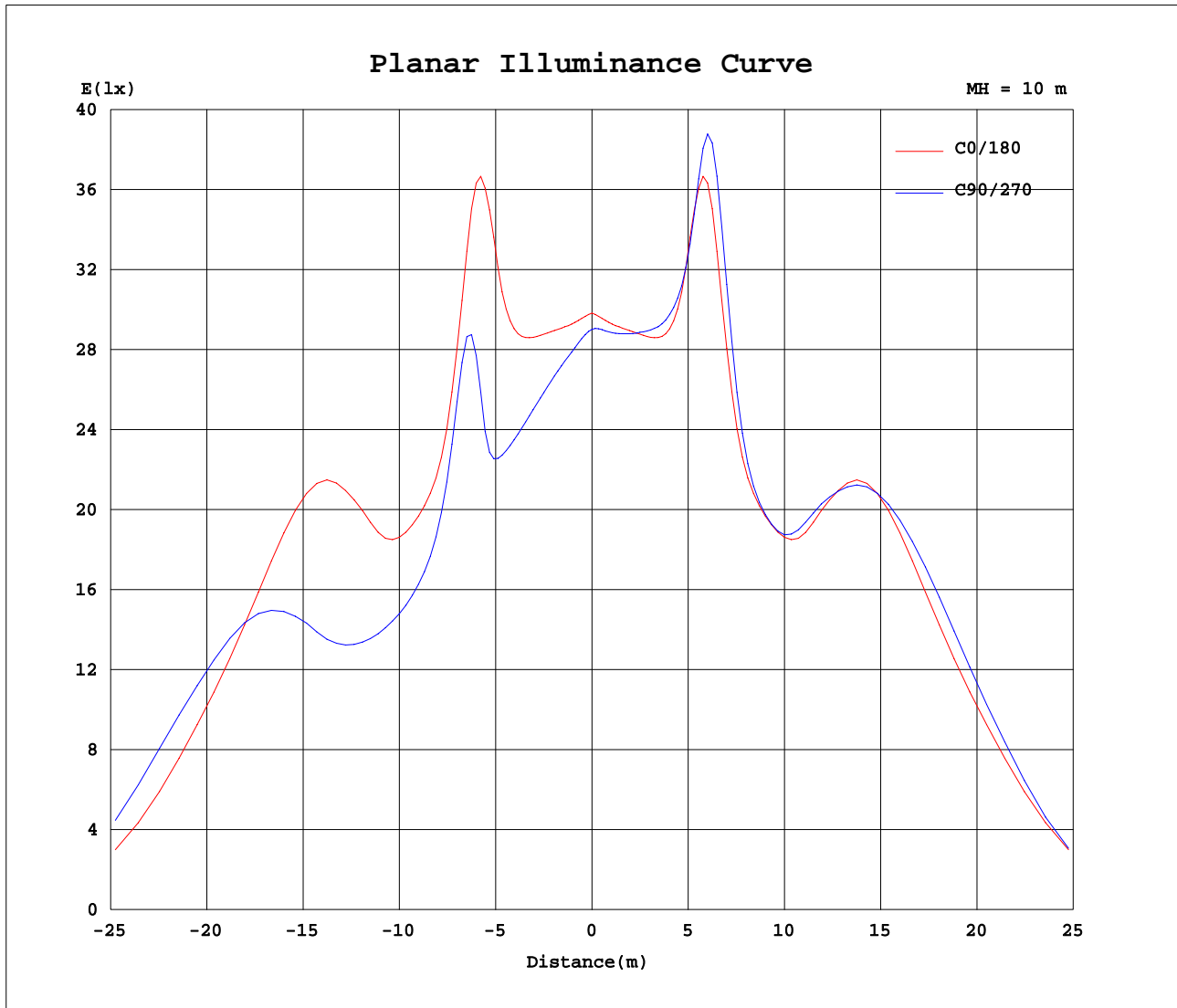
Test:U:219.2V I:1.057A P:225.9W PF:0.9754 Freq:49.99Hz Lamp Flux:31488.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

Planar Illuminance Curve



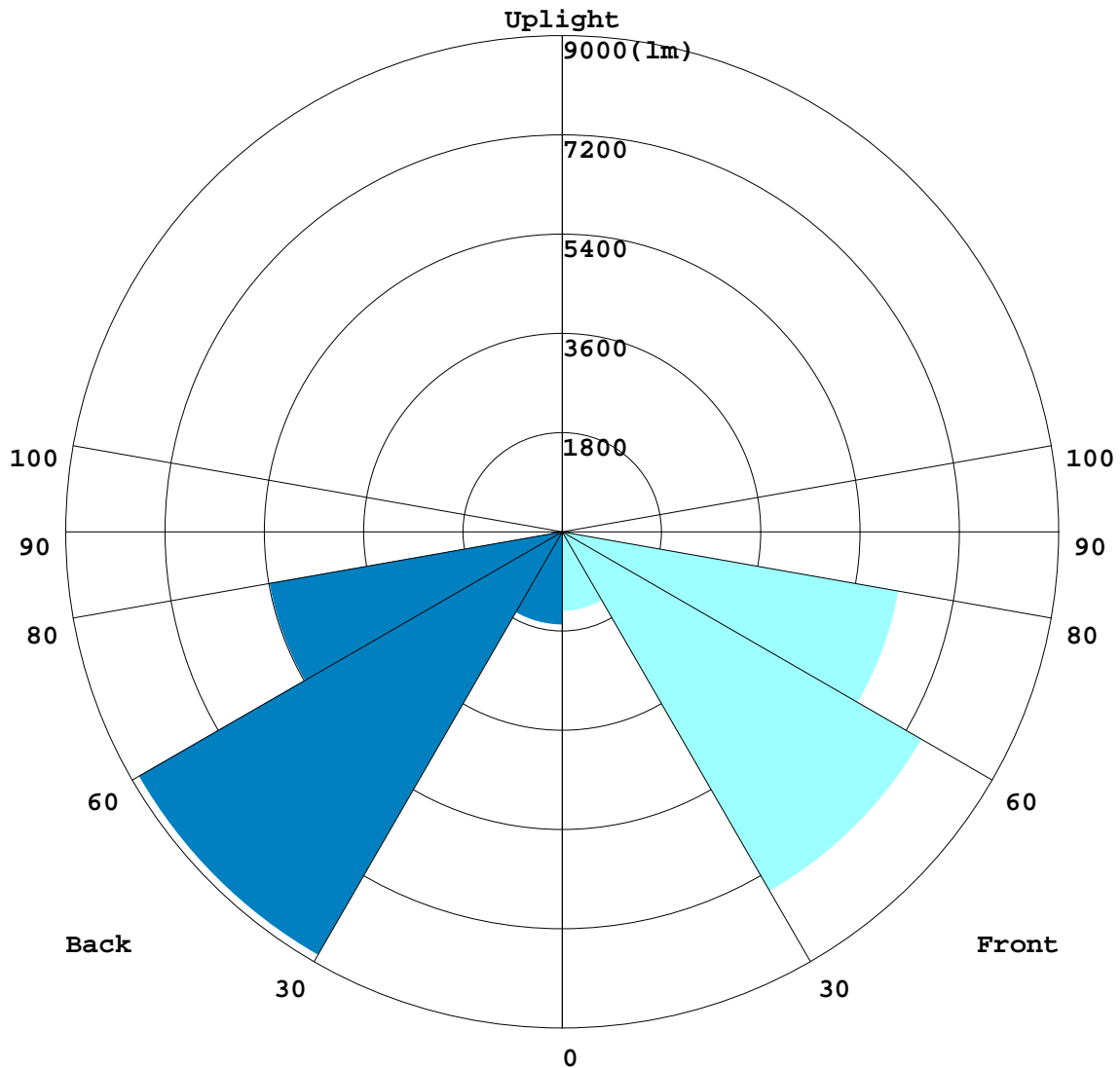
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-11-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.801m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:219.2V I:1.057A P:225.9W PF:0.9754 Freq:49.99Hz Lamp Flux:31488.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-230WOT-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:219.2V I:1.057A P:225.9W PF:0.9754 Freq:49.99Hz Lamp Flux:31488.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1437.8	4.6
FM - Front-Medium(30-60)	7524.8	23.9
FH - Front-High(60-80)	6189.5	19.7
FVH - Front-Very High(80-90)	210.87	0.7
Total Forward Light	15363	48.8

BL - Back-Low(0-30)	1683.9	5.3
BM - Back-Medium(30-60)	8862.4	28.1
BH - Back-High(60-80)	5385.2	17.1
BVH - Back-Very High(80-90)	194.23	0.6
Total Back Light	16126	51.2

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	B5-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	16126	0	16126
Street Side	15363	0	15363

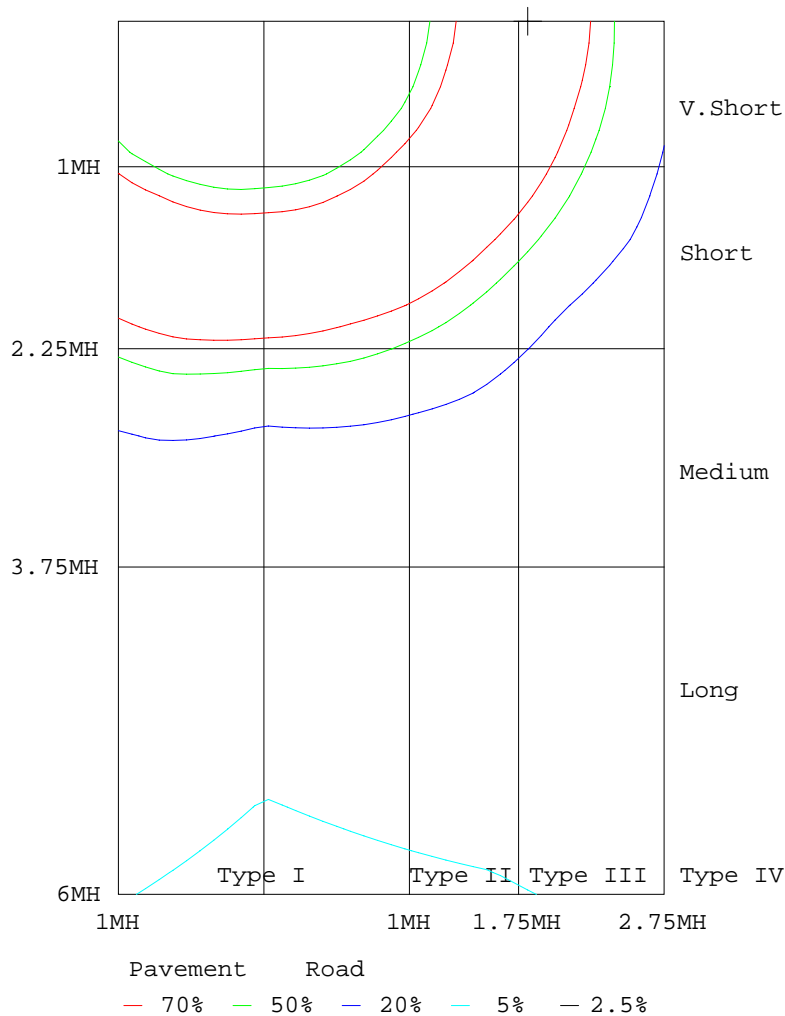
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.2V I:1.057A P:225.9W PF:0.9754 Freq:49.99Hz Lamp Flux:31488.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.2V I:1.057A P:225.9W PF:0.9754 Freq:49.99Hz Lamp Flux:31488.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291
5	290	289	288	287	286	286	286	286	286	287	288	289	290	291	292	292	293	293	293
10	297	293	290	287	285	284	283	284	285	287	290	293	297	299	301	303	304	304	303
15	311	305	300	294	290	287	285	287	290	294	300	305	311	316	320	324	325	325	322
20	338	326	318	310	303	296	292	296	303	310	318	326	338	352	361	369	366	362	355
25	405	381	369	351	336	317	307	317	336	351	369	381	405	447	466	481	468	449	421
30	552	533	517	486	459	420	400	420	459	486	517	533	552	581	596	609	612	611	589
35	499	492	477	472	463	465	464	465	463	472	477	492	499	511	518	522	539	550	571
40	453	441	425	412	401	396	395	396	401	412	425	441	453	461	462	466	468	473	473
45	514	494	475	453	437	424	420	424	437	453	475	494	514	532	540	551	546	548	532
50	734	671	624	571	542	514	506	514	542	571	624	671	734	780	801	826	809	803	767
55	1104	1051	1002	914	848	768	739	768	848	914	1002	1051	1104	1141	1153	1174	1159	1160	1125
60	1241	1259	1268	1272	1260	1219	1190	1219	1260	1272	1268	1259	1241	1258	1291	1320	1348	1370	1377
65	980	1050	1080	1160	1206	1277	1295	1277	1206	1160	1080	1050	980	992	1018	1014	1044	1057	1117
70	278	425	459	527	547	615	489	615	547	527	459	425	278	349	393	342	369	349	312
75	98.7	119	144	146	154	140	122	140	154	146	144	119	98.7	114	120	113	120	106	84.3
80	62.8	81.1	98.8	89.7	103	90.6	75.3	90.6	103	89.7	98.8	81.1	62.8	74.7	93.0	78.2	93.5	76.2	63.3
85	19.8	34.9	39.6	31.9	43.7	43.2	30.6	43.2	43.7	31.9	39.6	34.9	19.8	29.9	38.4	26.9	45.4	42.0	30.8
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:2019-11-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.2V I:1.057A P:225.9W PF:0.9754 Freq:49.99Hz Lamp Flux:31488.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG)\ γ (DEG)	285	300	315	330	345														
0	291	291	291	291	291														
5	293	293	292	292	291														
10	304	304	303	301	299														
15	325	325	324	320	316														
20	362	366	369	361	352														
25	449	468	481	466	447														
30	611	612	609	596	581														
35	550	539	522	518	511														
40	473	468	466	462	461														
45	548	546	551	540	532														
50	803	809	826	801	780														
55	1160	1159	1174	1153	1141														
60	1370	1348	1320	1291	1258														
65	1057	1044	1014	1018	992														
70	349	369	342	393	349														
75	106	120	113	120	114														
80	76.2	93.5	78.2	93.0	74.7														
85	42.0	45.4	26.9	38.4	29.9														
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:2019-11-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks: