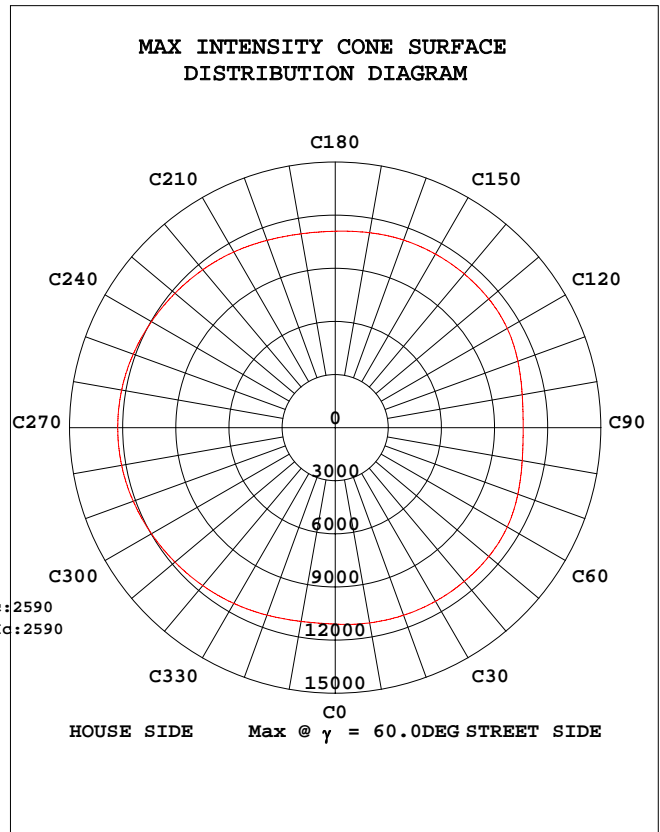
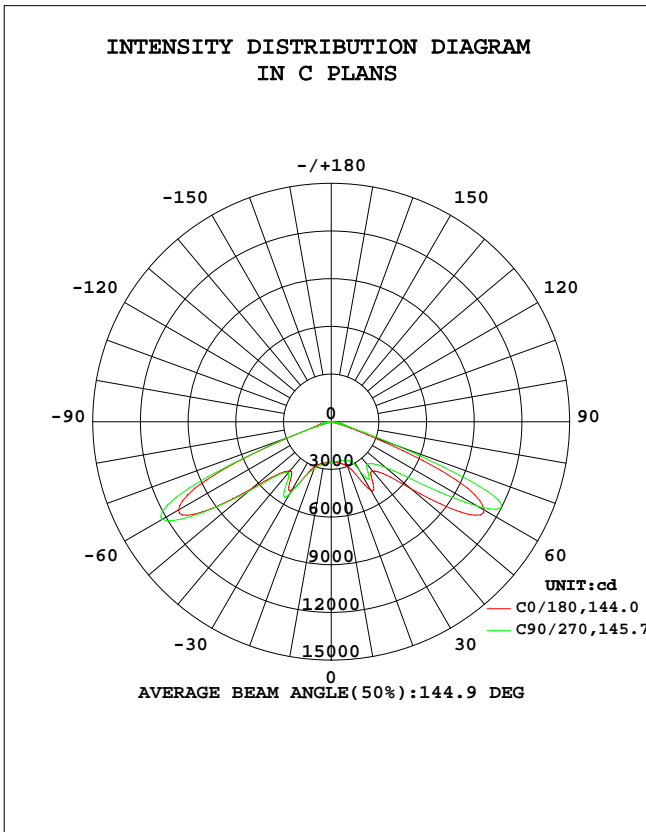


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.9358A P:199.2W PF:0.9715 Freq:49.99Hz Lamp Flux:28073.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-200Wot-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: 140.90 lm/W			
MODEL	3030	I _{max} (cd)	12281	η street_up(%)	0.0
NOMINAL POWER(W)	200	LOR(%)	100.0	η street_down(%)	48.5
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	28074	η house_up(%)	0.0
NOMINAL FLUX(lm)	28073.7	MAXIMUM @(C,γ)	270,60.0	η house_down(%)	51.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.667

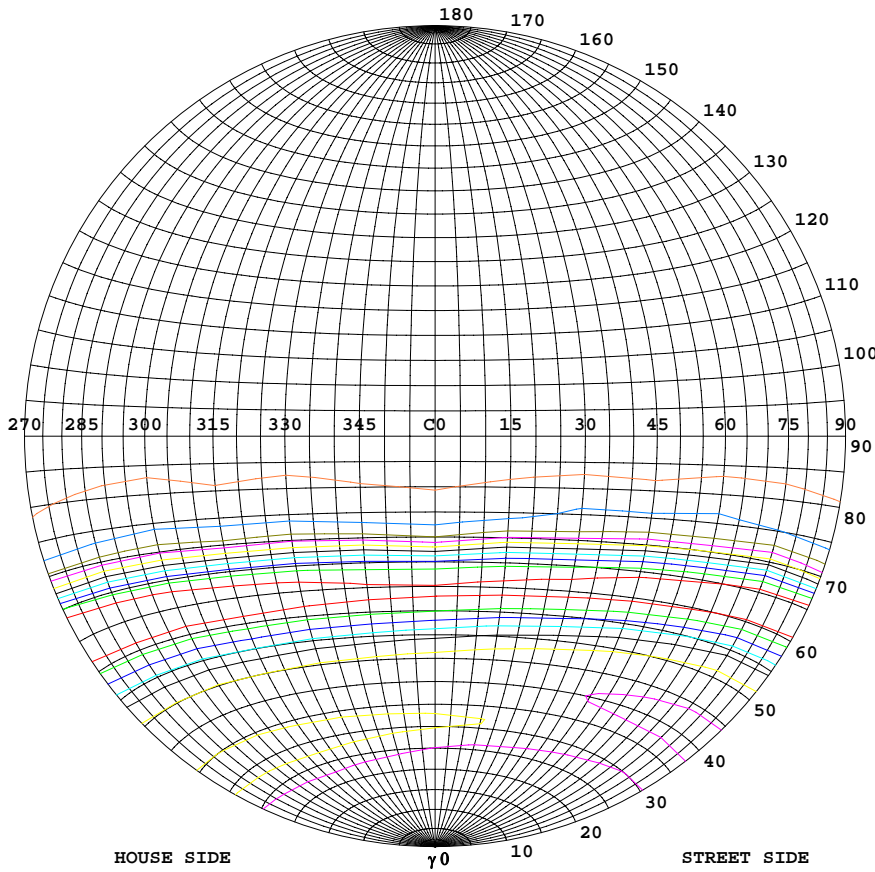


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-02

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:0.9358A P:199.2W PF:0.9715 Freq:49.99Hz Lamp Flux:28073.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-200Wot-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



Classification:

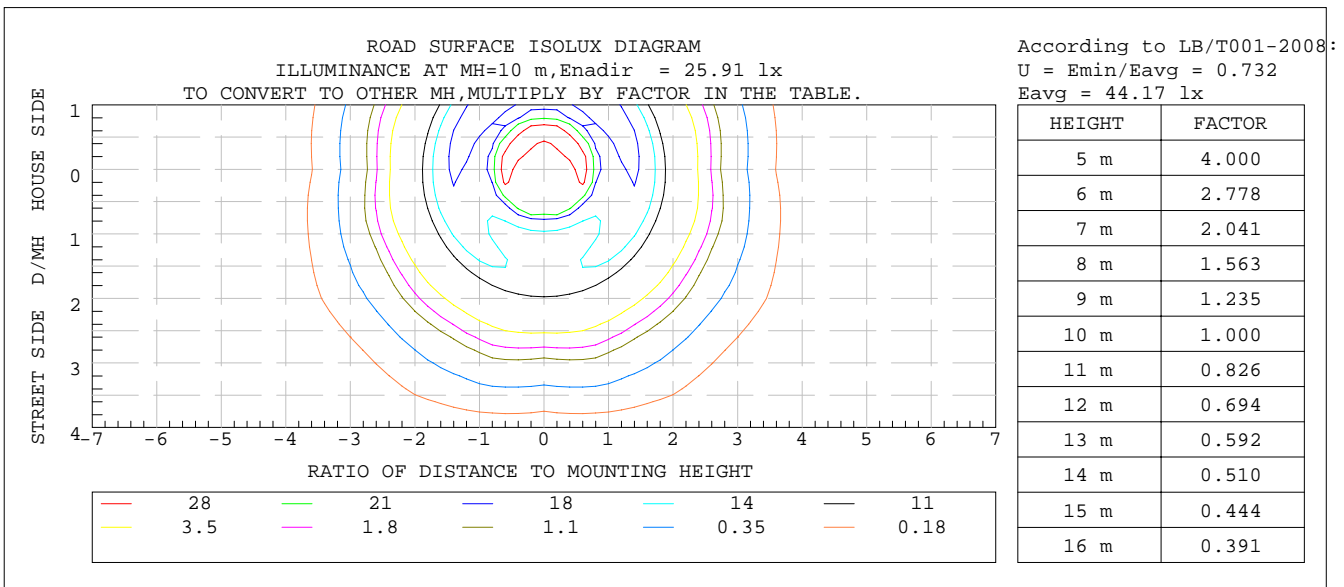
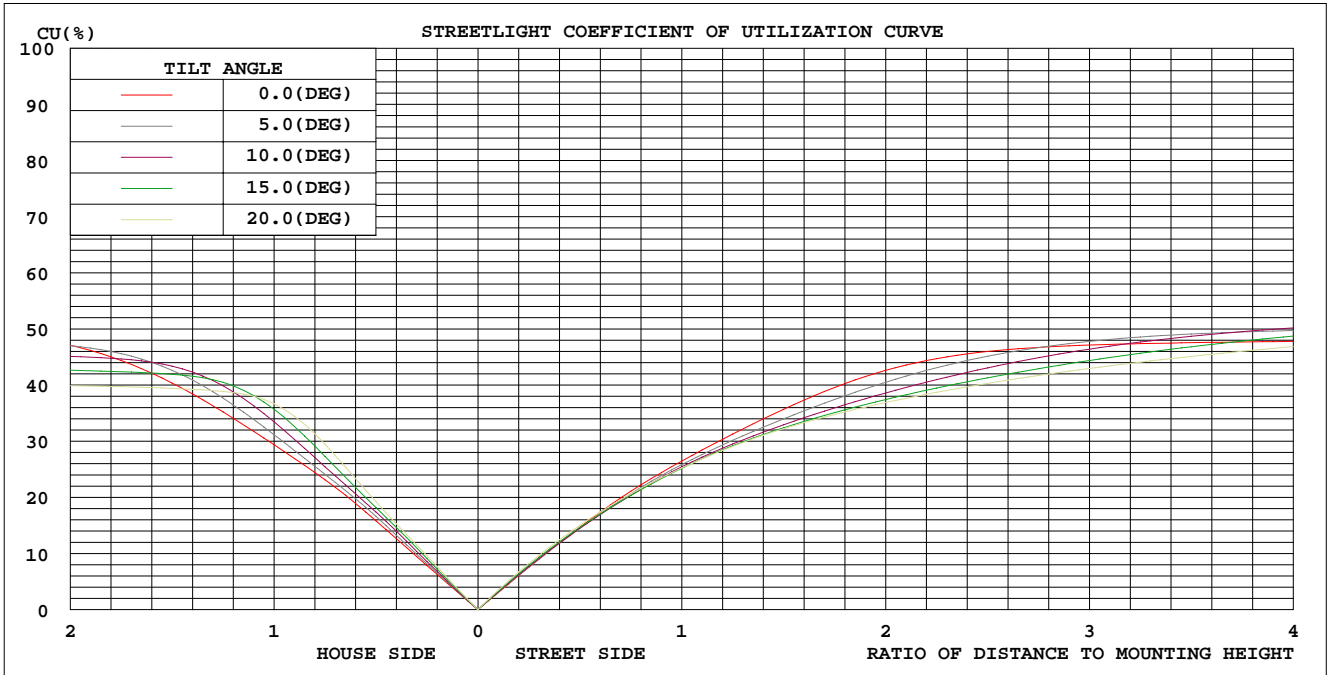
IES:Type V - Very Short
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:32.98cd/klm
 Max.At90:0cd/klm
 Max.80-90:32.98cd/klm
 NRB 5101:Limited[4.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	12281
90%	11053
80%	9825
70%	8597
60%	7369
50%	6141
40%	4913
30%	3684
20%	2456
10%	1228
5%	614

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:0.9358A P:199.2W PF:0.9715 Freq:49.99Hz Lamp Flux:28073.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-200Wot-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

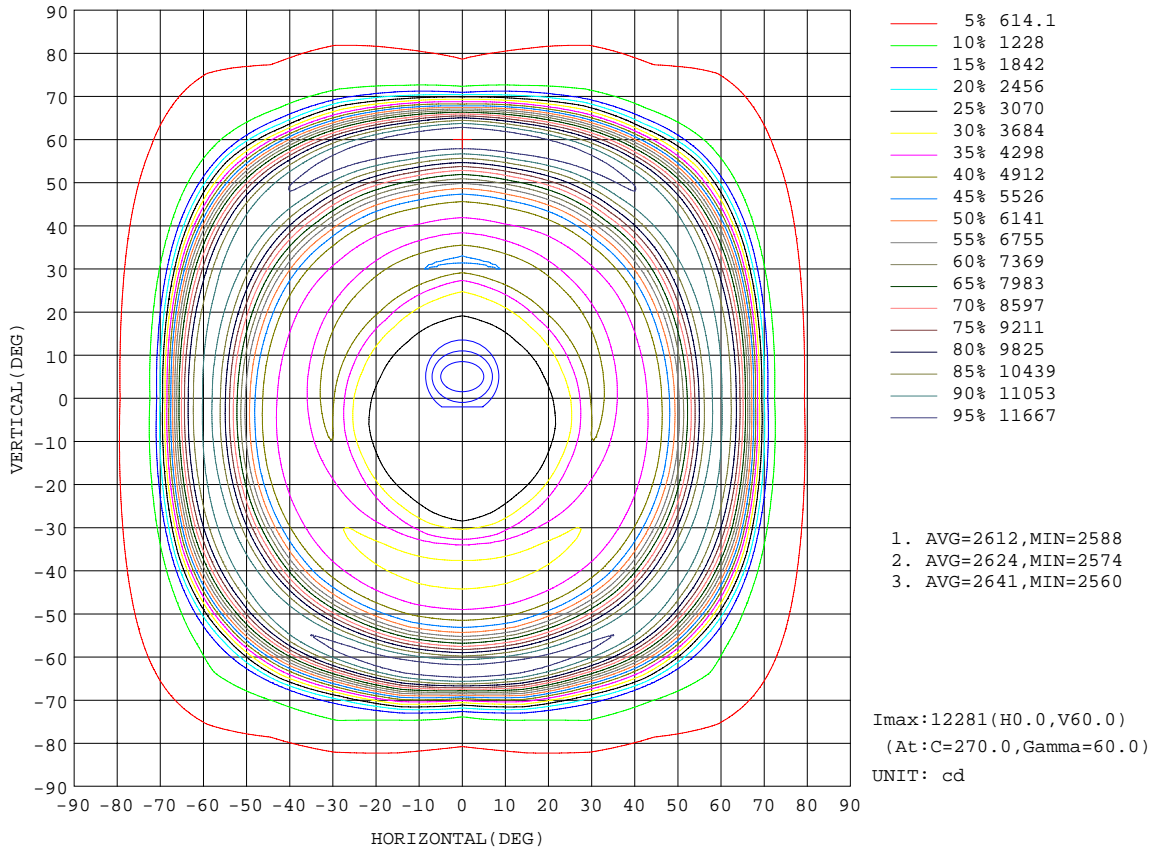
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	262.9	255.4	252.2	255.4	262.9	268.9	268.3	268.9	0- 10	247.1	247.1	0.88,0.88
20	299.5	275.5	259.5	275.5	299.5	326.9	313.4	326.9	10- 20	785.7	1033	3.68,3.68
30	497.9	431.9	353.3	431.9	497.9	537.7	523.4	537.7	20- 30	1740	2773	9.88,9.88
40	405.6	367.2	351.8	367.2	405.6	414.5	420.7	414.5	30- 40	2780	5554	19.8,19.8
50	658.3	508.9	450.7	508.9	658.3	735.0	686.1	735.0	40- 50	3631	9184	32.7,32.7
60	1110	1133	1061	1133	1110	1173	1228	1173	50- 60	8183	17367	61.9,61.9
70	246.5	474.4	439.7	474.4	246.5	309.3	289.3	309.3	60- 70	8798	26166	93.2,93.2
80	56.91	81.12	67.47	81.12	56.91	69.92	56.36	69.92	70- 80	1544	27709	98.7,98.7
90	0	0	0	0	0	0	0	0	80- 90	364.5	28074	100,100
100	0	0	0	0	0	0	0	0	90-100	0	28074	100,100
110	0	0	0	0	0	0	0	0	100-110	0	28074	100,100
120	0	0	0	0	0	0	0	0	110-120	0	28074	100,100
130	0	0	0	0	0	0	0	0	120-130	0	28074	100,100
140	0	0	0	0	0	0	0	0	130-140	0	28074	100,100
150	0	0	0	0	0	0	0	0	140-150	0	28074	100,100
160	0	0	0	0	0	0	0	0	150-160	0	28074	100,100
170	0	0	0	0	0	0	0	0	160-170	0	28074	100,100
180	0	0	0	0	0	0	0	0	170-180	0	28074	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

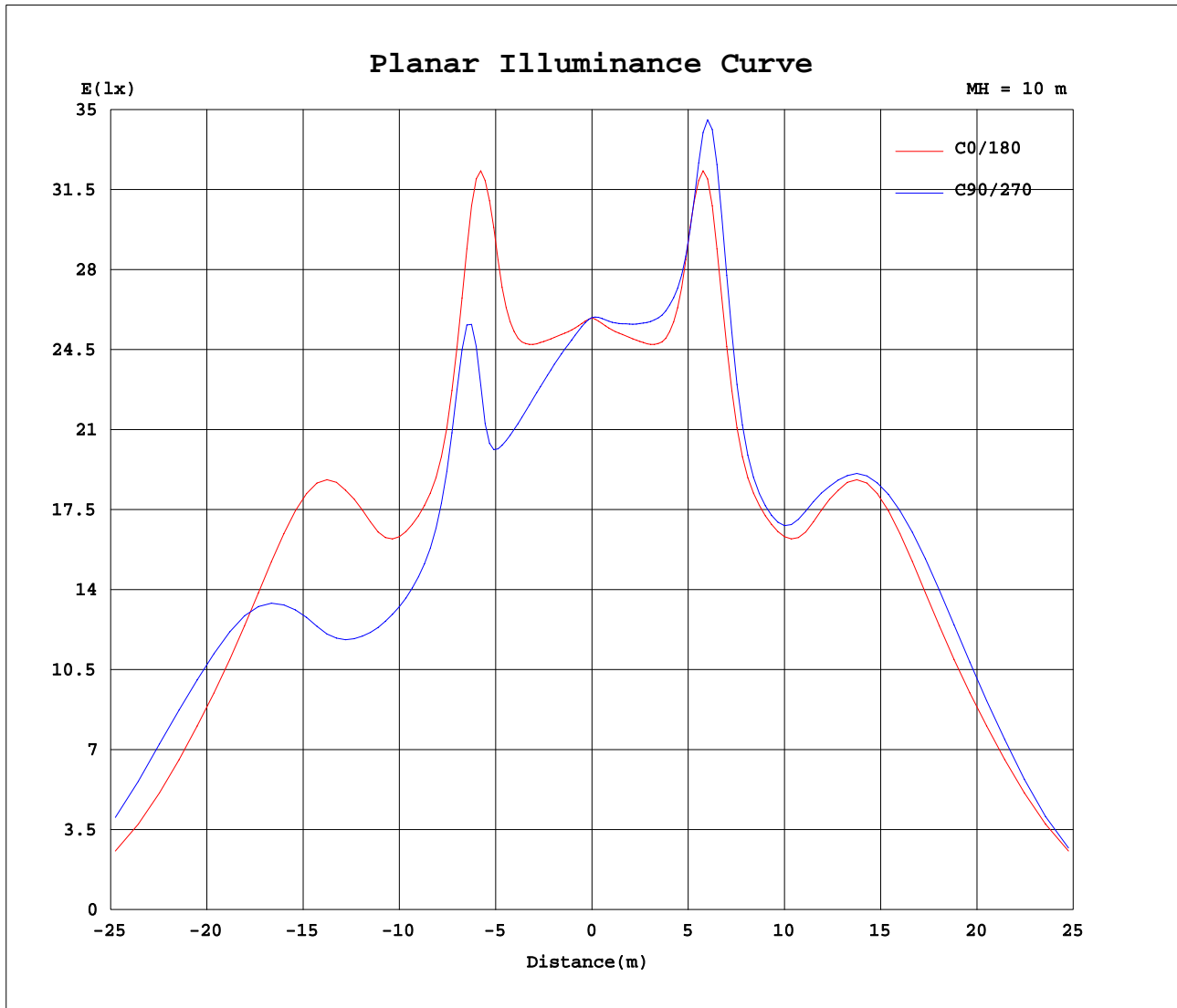
Test:U:219.2V I:0.9358A P:199.2W PF:0.9715 Freq:49.99Hz Lamp Flux:28073.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-200WoT-NV-L3-00-5070-T501-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



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



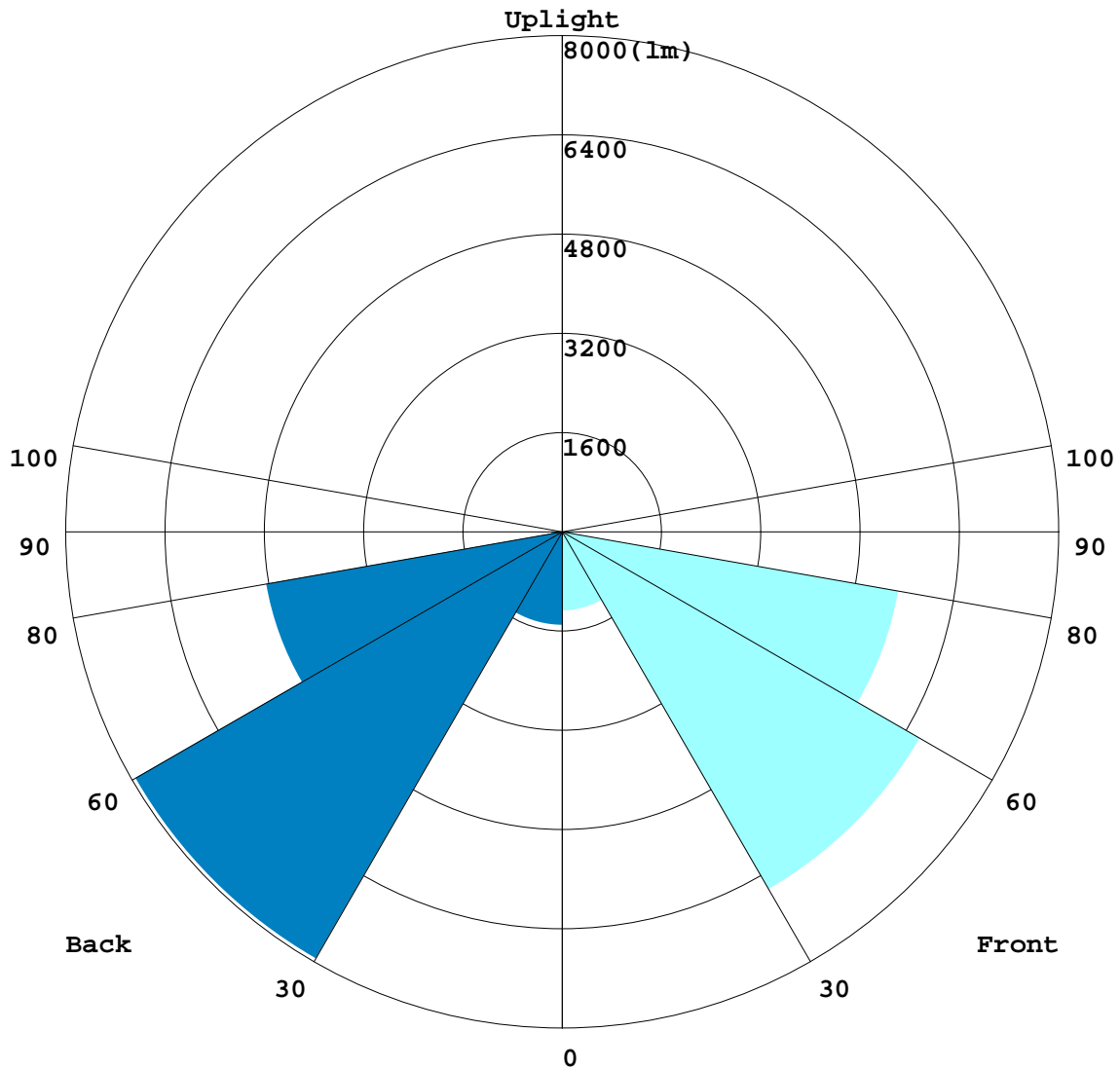
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-11-02

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:0.9358A P:199.2W PF:0.9715 Freq:49.99Hz Lamp Flux:28073.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-200Wot-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:0.9358A P:199.2W PF:0.9715 Freq:49.99Hz Lamp Flux:28073.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-200Wot-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)	1270.3	4.5
FM - Front-Medium(30-60)	6653.1	23.7
FH - Front-High(60-80)	5500	19.6
FVH - Front-Very High(80-90)	189.98	0.7
Total Forward Light	13613	48.5

BL - Back-Low(0-30)	1502.8	5.4
BM - Back-Medium(30-60)	7941.1	28.3
BH - Back-High(60-80)	4841.9	17.2
BVH - Back-Very High(80-90)	174.5	0.6
Total Back Light	14460	51.5

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	B4-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	14460	0	14460
Street Side	13613	0	13613

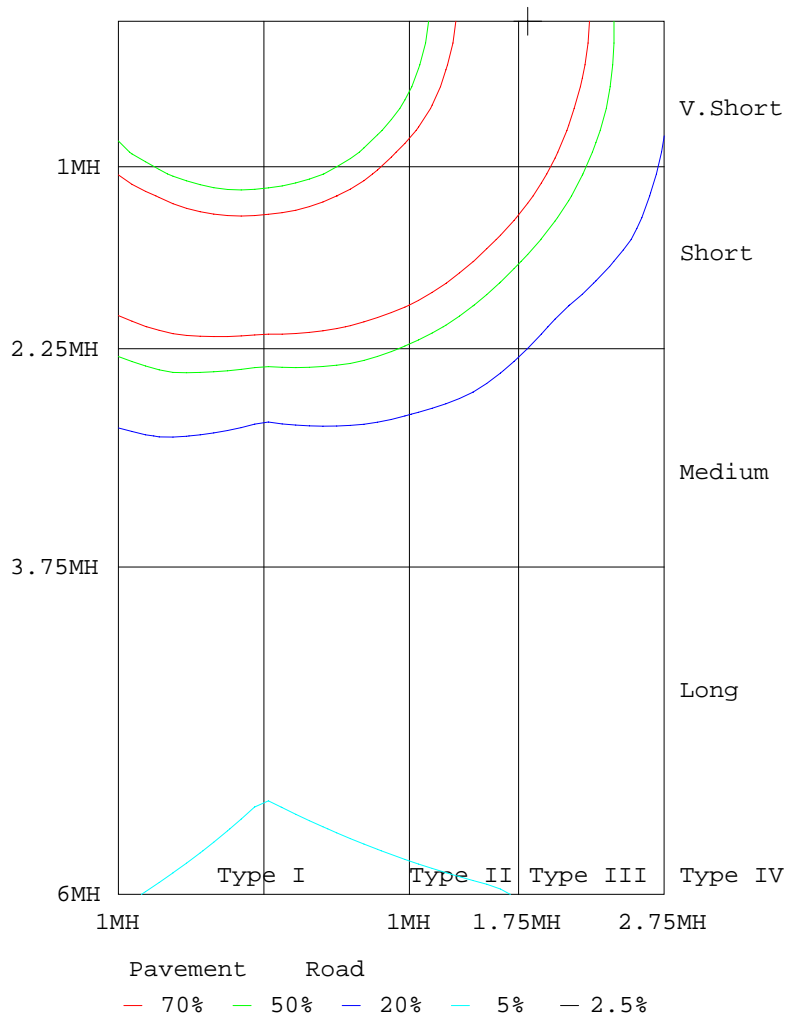
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-11-02

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:0.9358A P:199.2W PF:0.9715 Freq:49.99Hz Lamp Flux:28073.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-200Wot-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:0.9358A P:199.2W PF:0.9715 Freq:49.99Hz Lamp Flux:28073.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-200Wot-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	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259
5	258	257	256	255	254	254	254	254	254	255	256	257	258	258	259	260	260	260	260
10	263	260	258	255	254	253	252	253	254	255	258	260	263	265	267	269	269	269	268
15	275	270	266	262	258	255	254	255	258	262	266	270	275	280	283	287	287	287	285
20	300	289	283	275	270	263	260	263	270	275	283	289	300	311	319	327	323	320	313
25	366	341	330	313	299	282	273	282	299	313	330	341	366	394	410	424	412	397	373
30	498	477	460	432	406	371	353	371	406	432	460	477	498	511	525	538	541	541	523
35	448	441	427	422	415	416	414	416	415	422	427	441	448	453	459	464	478	488	505
40	406	394	380	367	358	353	352	353	358	367	380	394	406	409	410	415	416	421	421
45	462	443	424	404	389	377	375	377	389	404	424	443	462	472	479	490	485	488	475
50	658	601	557	509	482	457	451	457	482	509	557	601	658	691	710	735	719	716	686
55	989	938	893	813	752	679	657	679	752	813	893	938	989	1010	1022	1042	1028	1034	1006
60	1110	1124	1132	1133	1122	1084	1061	1084	1122	1133	1132	1124	1110	1118	1146	1173	1198	1221	1228
65	870	935	966	1038	1081	1143	1157	1143	1081	1038	966	935	870	885	907	905	929	940	986
70	247	377	412	474	496	556	440	556	496	474	412	377	247	316	353	309	352	312	289
75	89.7	109	130	132	138	125	106	125	138	132	130	109	89.7	96.9	108	98.6	107	85.9	74.4
80	56.9	73.5	89.1	81.1	92.6	80.9	67.5	80.9	92.6	81.1	89.1	73.5	56.9	66.4	83.1	69.9	83.3	68.3	56.4
85	17.9	31.4	35.9	29.2	40.0	39.0	27.7	39.0	40.0	29.2	35.9	31.4	17.9	26.6	33.9	24.1	40.4	37.7	27.1
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:0.9358A P:199.2W PF:0.9715 Freq:49.99Hz Lamp Flux:28073.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.2KG
SPEC.:AOK-200WOT-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	259	259	259	259	259														
5	260	260	260	259	258														
10	269	269	269	267	265														
15	287	287	287	283	280														
20	320	323	327	319	311														
25	397	412	424	410	394														
30	541	541	538	525	511														
35	488	478	464	459	453														
40	421	416	415	410	409														
45	488	485	490	479	472														
50	716	719	735	710	691														
55	1034	1028	1042	1022	1010														
60	1221	1198	1173	1146	1118														
65	940	929	905	907	885														
70	312	352	309	353	316														
75	85.9	107	98.6	108	96.9														
80	68.3	83.3	69.9	83.1	66.4														
85	37.7	40.4	24.1	33.9	26.6														
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: