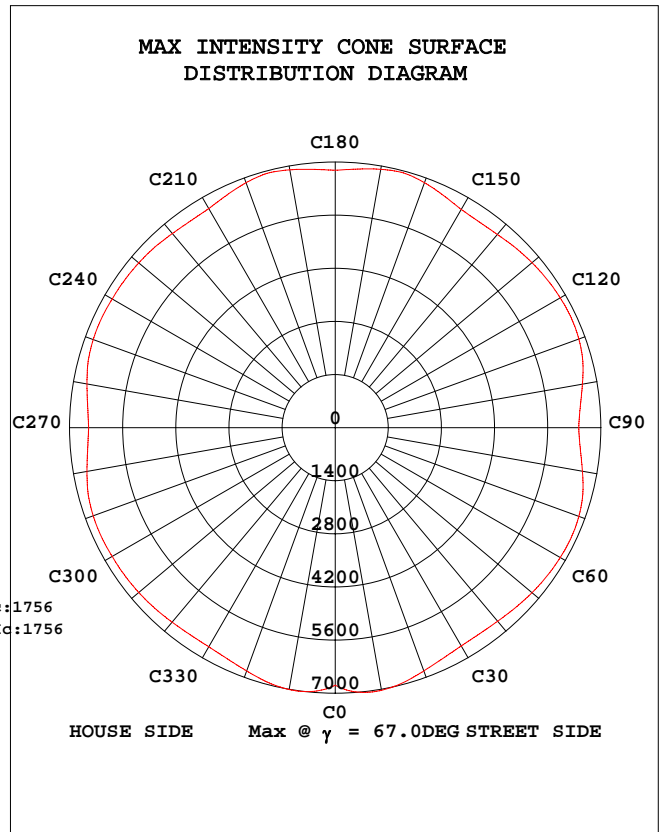
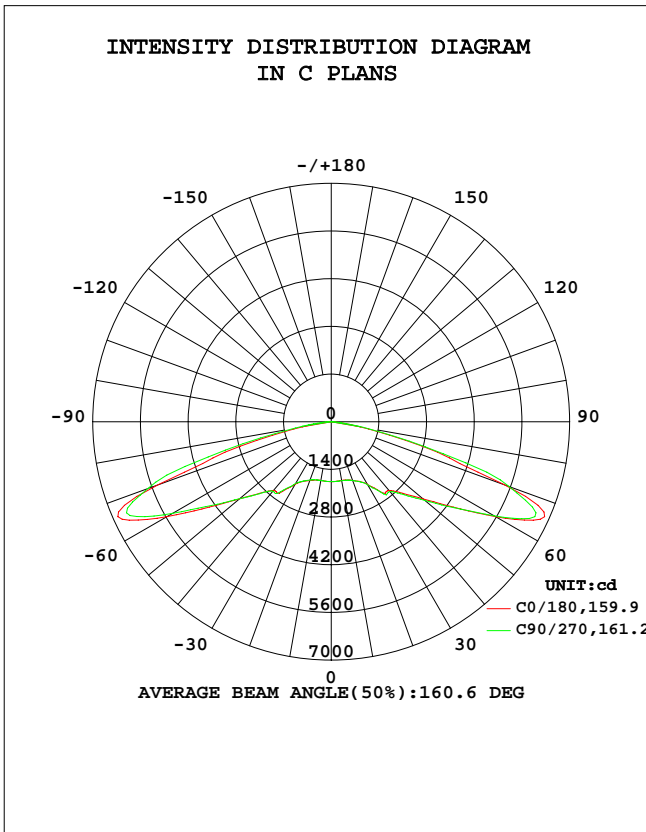


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.5311A P:113.3W PF:0.9731 Freq:49.99Hz Lamp Flux:19701.9x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 173.91 lm/W			
MODEL	5050	I _{max} (cd)	6953	η street_up(%)	0.0
NOMINAL POWER(W)	115	LOR(%)	100.0	η street_down(%)	49.9
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	19702	η house_up(%)	0.0
NOMINAL FLUX(lm)	19701.9	MAXIMUM @(C,γ)	15,67.0	η house_down(%)	50.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.443

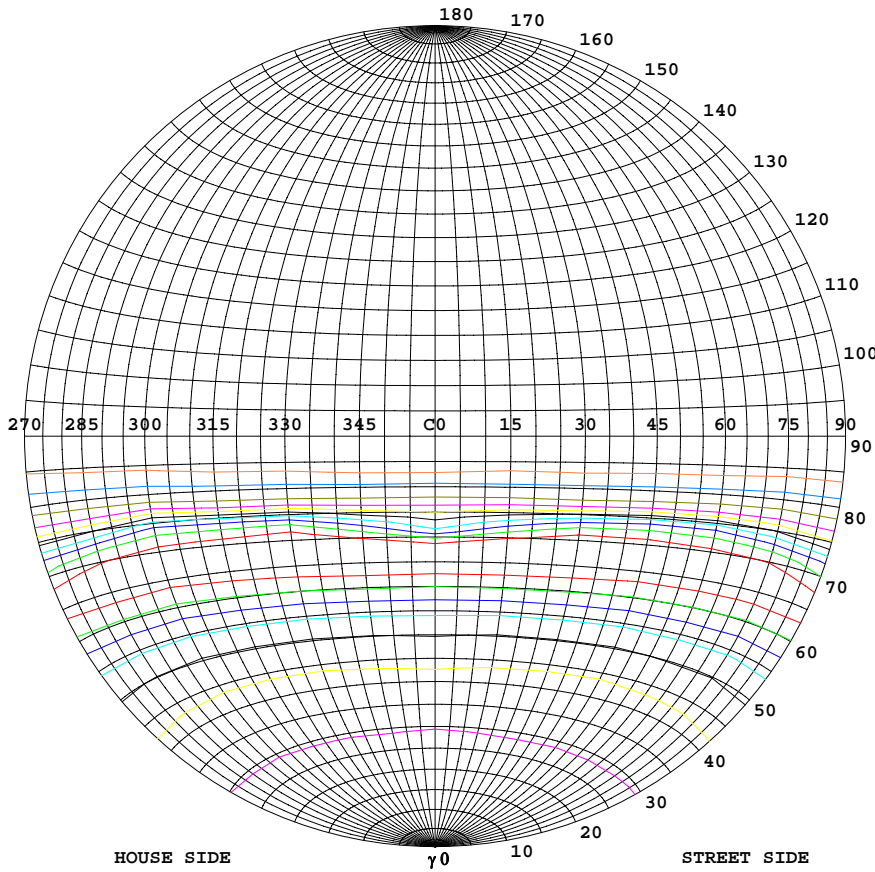


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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:0.5311A P:113.3W PF:0.9731 Freq:49.99Hz Lamp Flux:19701.9x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

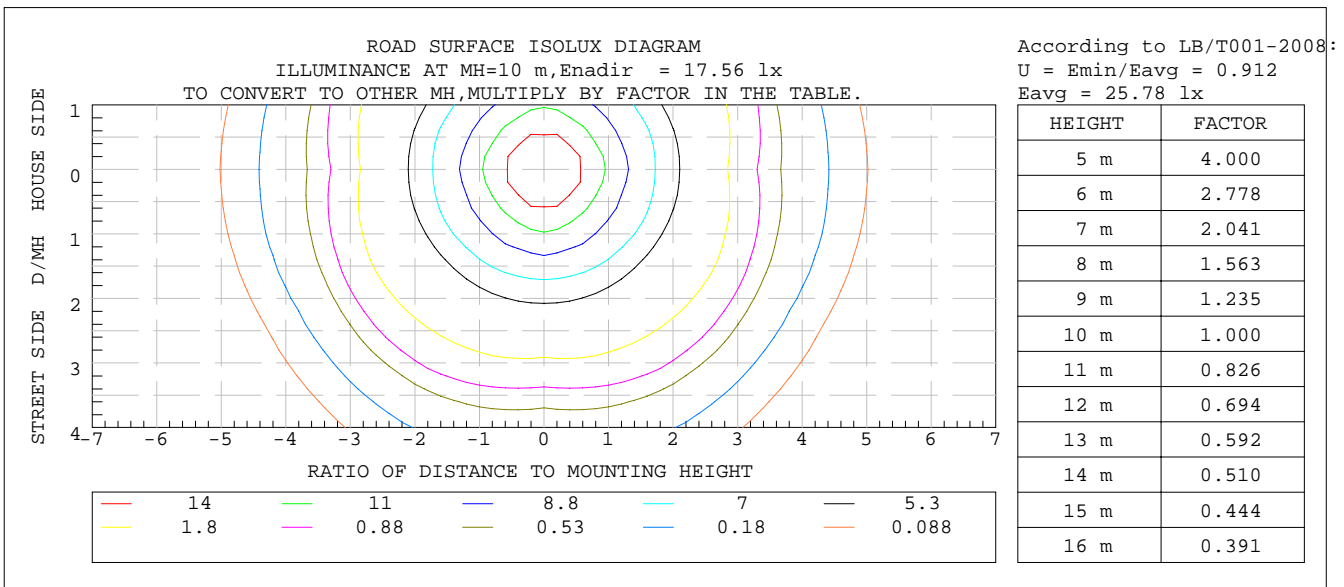
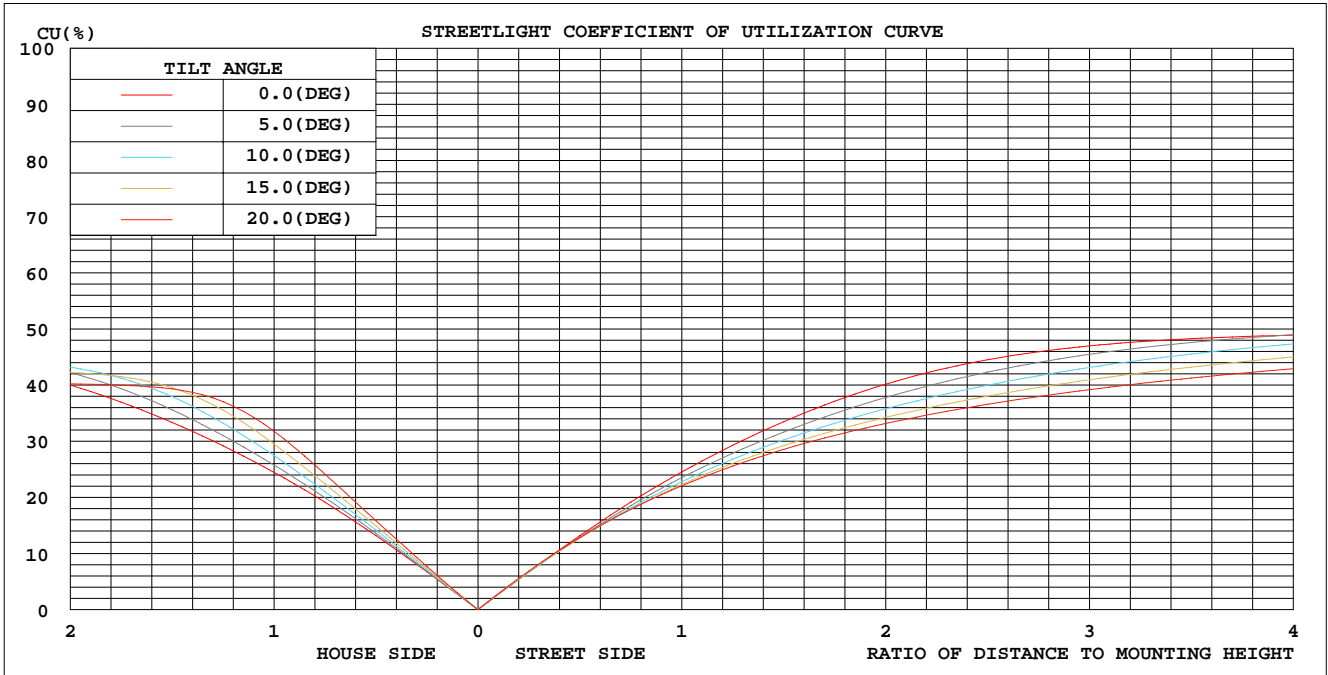
IES:Type V - Medium
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:54.30cd/klm
 Max.At90:0cd/klm
 Max.80-90:54.30cd/klm
 NRB 5101:Limited[3.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6953
90%	6258
80%	5563
70%	4867
60%	4172
50%	3477
40%	2781
30%	2086
20%	1391
10%	695
5%	348

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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: 2019-09-02

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:0.5311A P:113.3W PF:0.9731 Freq:49.99Hz Lamp Flux:19701.9x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

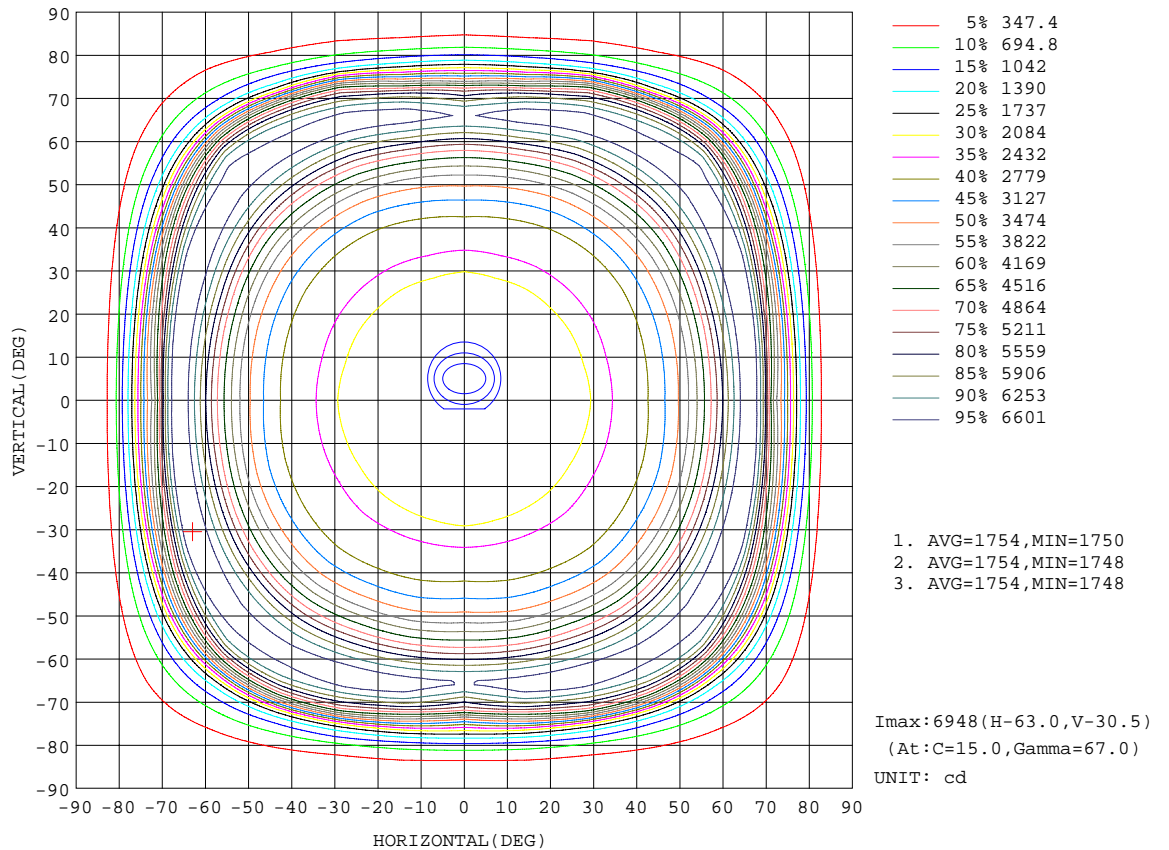
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	1753	1755	1757	1755	1753	1748	1752	1748	0- 10	167.5	167.5	0.85,0.85
20	1837	1868	1840	1868	1837	1861	1823	1861	10- 20	508.6	676.2	3.43,3.43
30	2119	2141	2133	2141	2119	2124	2097	2124	20- 30	914.9	1591	8.08,8.08
40	2635	2566	2680	2566	2635	2568	2665	2568	30- 40	1543	3134	15.9,15.9
50	3524	3433	3596	3433	3524	3426	3516	3426	40- 50	2304	5438	27.6,27.6
60	5580	5526	5529	5526	5580	5492	5381	5492	50- 60	3948	9386	47.6,47.6
70	5397	6460	5549	6460	5397	6469	5720	6469	60- 70	6335	15721	79.8,79.8
80	868.1	838.5	959.6	838.5	868.1	917.7	1070	917.7	70- 80	3676	19397	98.5,98.5
90	0	0	0	0	0	0	0	0	80- 90	304.9	19702	100,100
100	0	0	0	0	0	0	0	0	90-100	0	19702	100,100
110	0	0	0	0	0	0	0	0	100-110	0	19702	100,100
120	0	0	0	0	0	0	0	0	110-120	0	19702	100,100
130	0	0	0	0	0	0	0	0	120-130	0	19702	100,100
140	0	0	0	0	0	0	0	0	130-140	0	19702	100,100
150	0	0	0	0	0	0	0	0	140-150	0	19702	100,100
160	0	0	0	0	0	0	0	0	150-160	0	19702	100,100
170	0	0	0	0	0	0	0	0	160-170	0	19702	100,100
180	0	0	0	0	0	0	0	0	170-180	0	19702	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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

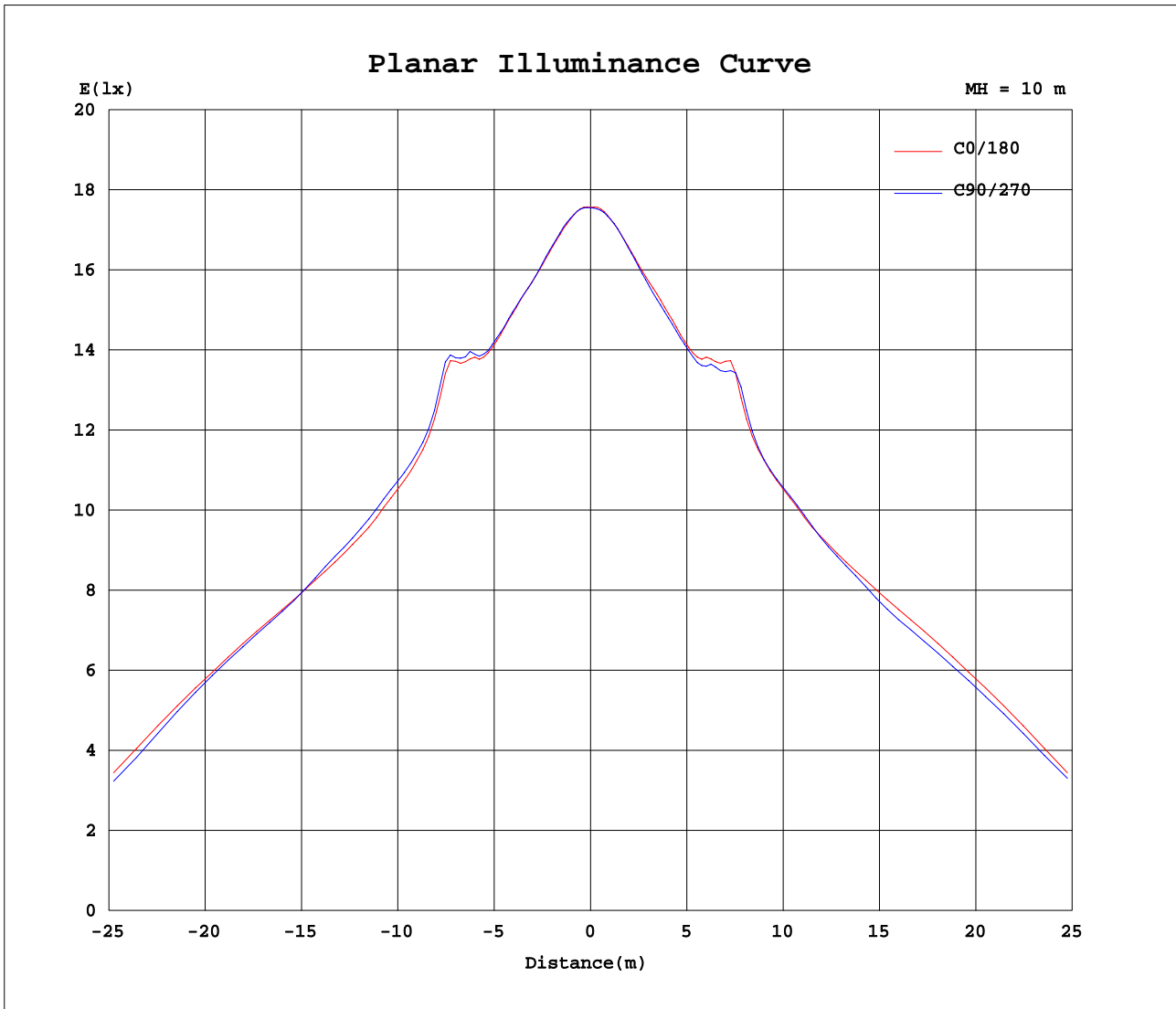
Test:U:219.2V I:0.5311A P:113.3W PF:0.9731 Freq:49.99Hz Lamp Flux:19701.9x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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



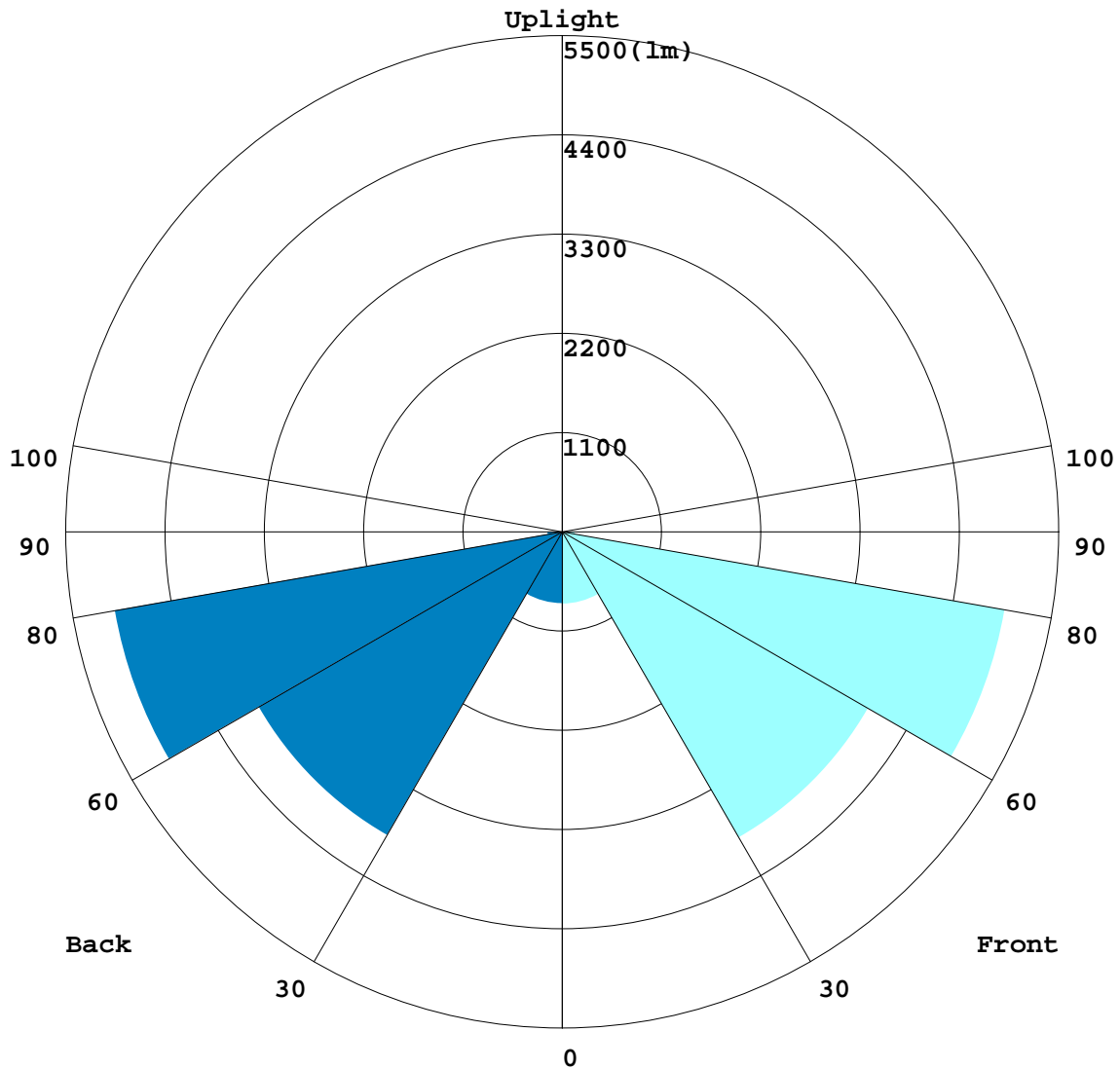
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-09-02

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:0.5311A P:113.3W PF:0.9731 Freq:49.99Hz Lamp Flux:19701.9x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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:0.5311A P:113.3W PF:0.9731 Freq:49.99Hz Lamp Flux:19701.9x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	797.74	4.0
FM - Front-Medium(30-60)	3912.8	19.9
FH - Front-High(60-80)	4979.1	25.3
FVH - Front-Very High(80-90)	141.81	0.7
Total Forward Light	9831.5	49.9

BL - Back-Low(0-30)	793.31	4.0
BM - Back-Medium(30-60)	3881.9	19.7
BH - Back-High(60-80)	5032.1	25.5
BVH - Back-Very High(80-90)	163.05	0.8
Total Back Light	9870.4	50.1

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	9870.4	0	9870.4
Street Side	9831.5	0	9831.5

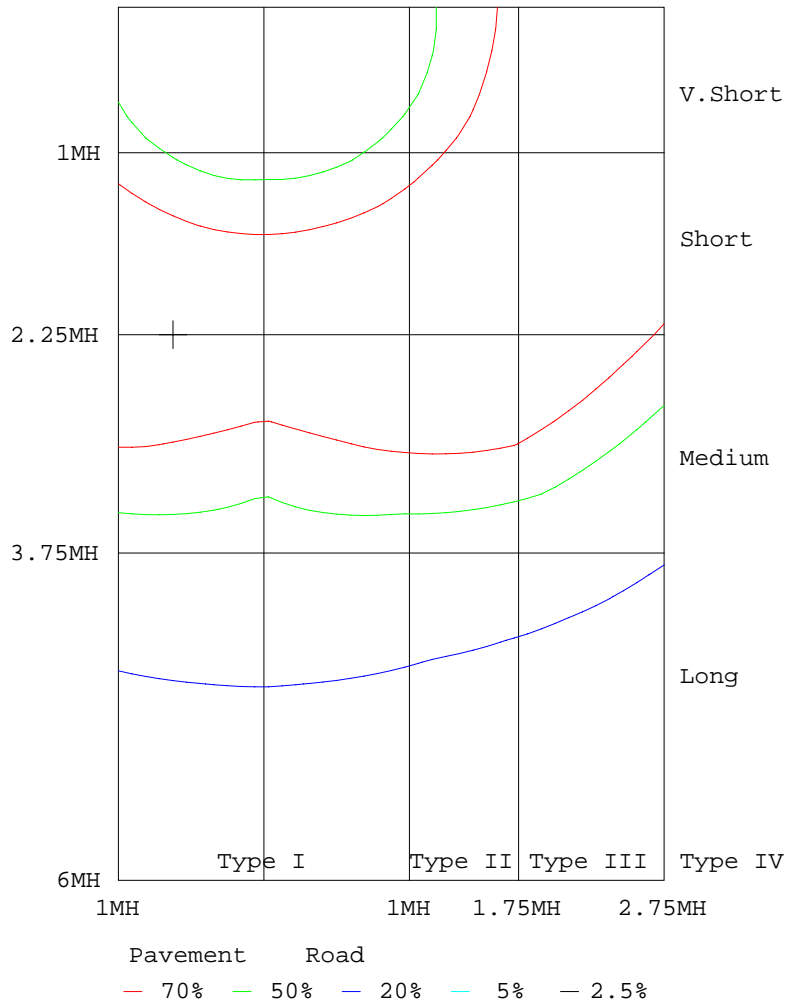
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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:0.5311A P:113.3W PF:0.9731 Freq:49.99Hz Lamp Flux:19701.9x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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:0.5311A P:113.3W PF:0.9731 Freq:49.99Hz Lamp Flux:19701.9x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1756	1756	1756	1756	1756	1756	1756	1756	1756	1756	1756	1756	1756	1756	1756	1756	1756	1756	1756
5	1756	1758	1758	1759	1758	1758	1758	1758	1758	1759	1758	1758	1756	1756	1757	1755	1756	1756	1756
10	1753	1754	1756	1755	1754	1756	1757	1756	1754	1755	1756	1754	1753	1751	1751	1748	1749	1750	1752
15	1773	1777	1790	1800	1795	1780	1776	1780	1795	1800	1790	1777	1773	1775	1783	1790	1781	1770	1767
20	1837	1845	1866	1868	1869	1850	1840	1850	1869	1868	1866	1845	1837	1843	1857	1861	1851	1834	1823
25	1932	1954	1982	1965	1979	1959	1940	1959	1979	1965	1982	1954	1932	1955	1970	1957	1957	1942	1922
30	2119	2139	2149	2141	2147	2150	2133	2150	2147	2141	2149	2139	2119	2141	2126	2124	2118	2129	2097
35	2495	2497	2508	2479	2509	2514	2513	2514	2509	2479	2508	2497	2495	2504	2471	2464	2458	2480	2450
40	2635	2601	2571	2566	2595	2639	2680	2639	2595	2566	2571	2601	2635	2623	2578	2568	2582	2623	2665
45	2976	2915	2903	2890	2943	2964	3035	2964	2943	2890	2903	2915	2976	2933	2893	2889	2901	2949	2990
50	3524	3435	3444	3433	3497	3498	3596	3498	3497	3433	3444	3435	3524	3459	3424	3426	3418	3463	3516
55	4373	4323	4335	4309	4369	4347	4405	4347	4369	4309	4335	4323	4373	4347	4290	4293	4253	4293	4290
60	5580	5605	5610	5526	5543	5512	5529	5512	5543	5526	5610	5605	5580	5645	5552	5492	5389	5465	5381
65	6775	6759	6595	6580	6645	6629	6594	6629	6645	6580	6595	6759	6775	6774	6591	6569	6530	6602	6517
70	5397	6193	6505	6460	6429	6223	5549	6223	6429	6460	6505	6193	5397	6208	6632	6469	6505	6214	5720
75	2760	3142	3541	3930	3937	3433	2864	3433	3937	3930	3541	3142	2760	3089	3950	4060	4364	3454	3217
80	868	806	789	838	941	943	960	943	941	838	789	806	868	787	843	918	984	1021	1070
85	162	161	176	185	190	221	207	221	190	185	176	161	162	142	191	220	290	284	325
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:2019-09-02

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:0.5311A P:113.3W PF:0.9731 Freq:49.99Hz Lamp Flux:19701.9x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1756	1756	1756	1756	1756														
5	1756	1756	1755	1757	1756														
10	1750	1749	1748	1751	1751														
15	1770	1781	1790	1783	1775														
20	1834	1851	1861	1857	1843														
25	1942	1957	1957	1970	1955														
30	2129	2118	2124	2126	2141														
35	2480	2458	2464	2471	2504														
40	2623	2582	2568	2578	2623														
45	2949	2901	2889	2893	2933														
50	3463	3418	3426	3424	3459														
55	4293	4253	4293	4290	4347														
60	5465	5389	5492	5552	5645														
65	6602	6530	6569	6591	6774														
70	6214	6505	6469	6632	6208														
75	3454	4364	4060	3950	3089														
80	1021	984	918	843	787														
85	284	290	220	191	142														
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:2019-09-02

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: