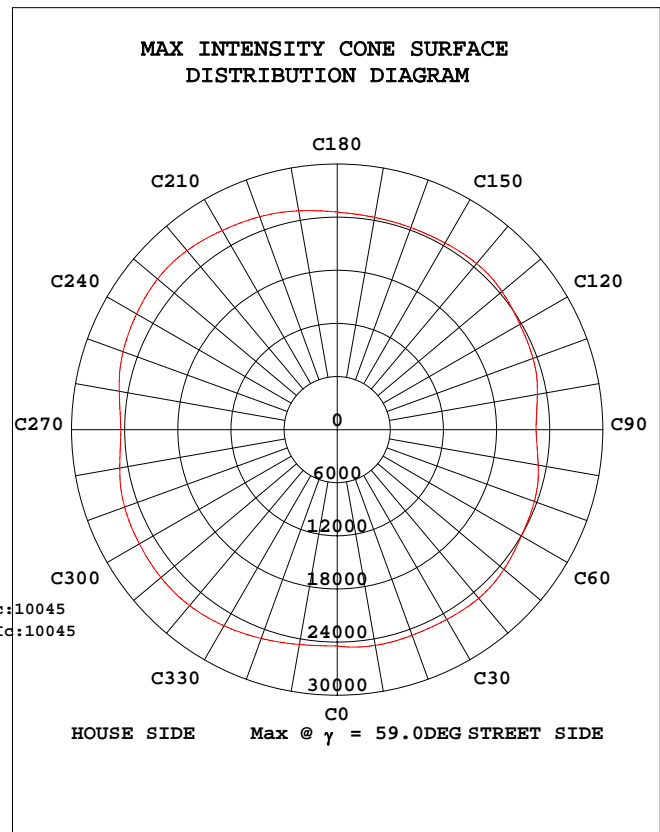
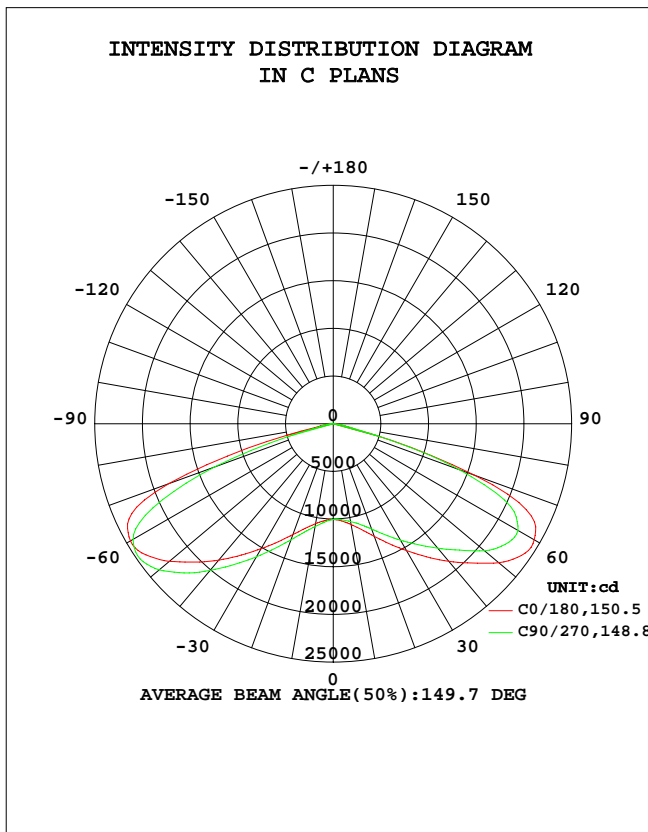


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.0V I:2.785A P:607.0W PF:0.9950 Freq:50.00Hz Lamp Flux:90215x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(M)-00-4070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.64 lm/W			
MODEL	5050	I _{max} (cd)	26523	η street_up(%)	0.0
NOMINAL POWER(W)	600	LOR(%)	100.0	η street_down(%)	48.6
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	90215	η house_up(%)	0.0
NOMINAL FLUX(lm)	90215	MAXIMUM @(C,γ)	225,59.0	η house_down(%)	51.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.314

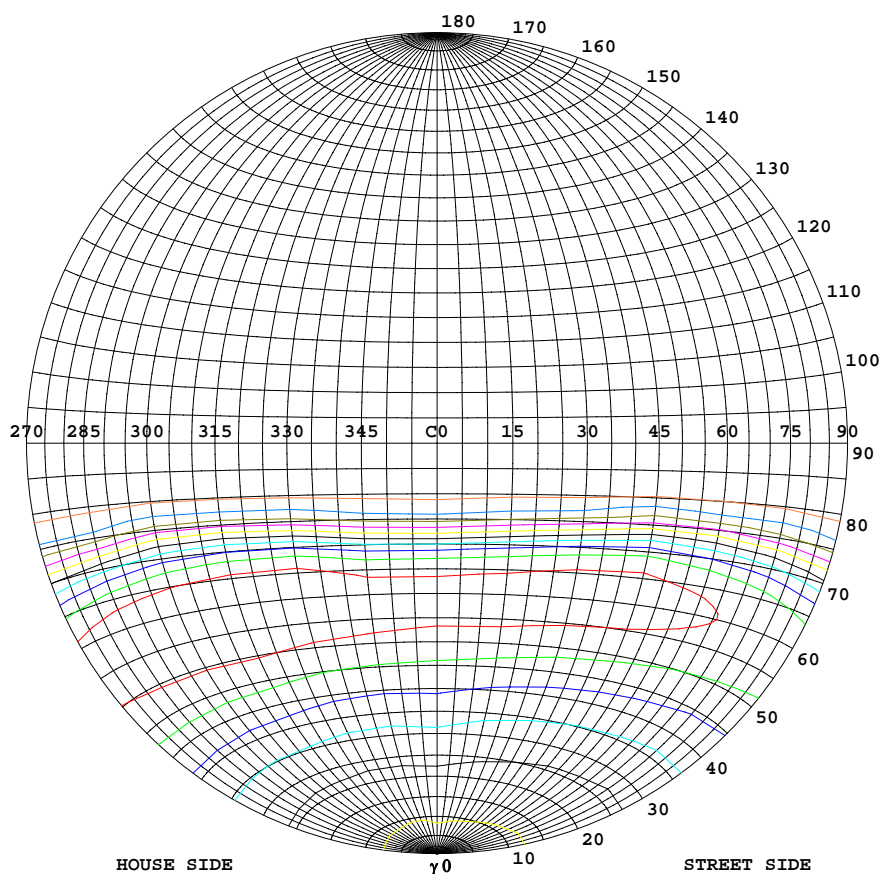


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-7-19

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:2.785A P:607.0W PF:0.9950 Freq:50.00Hz Lamp Flux:90215x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(M)-00-4070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:



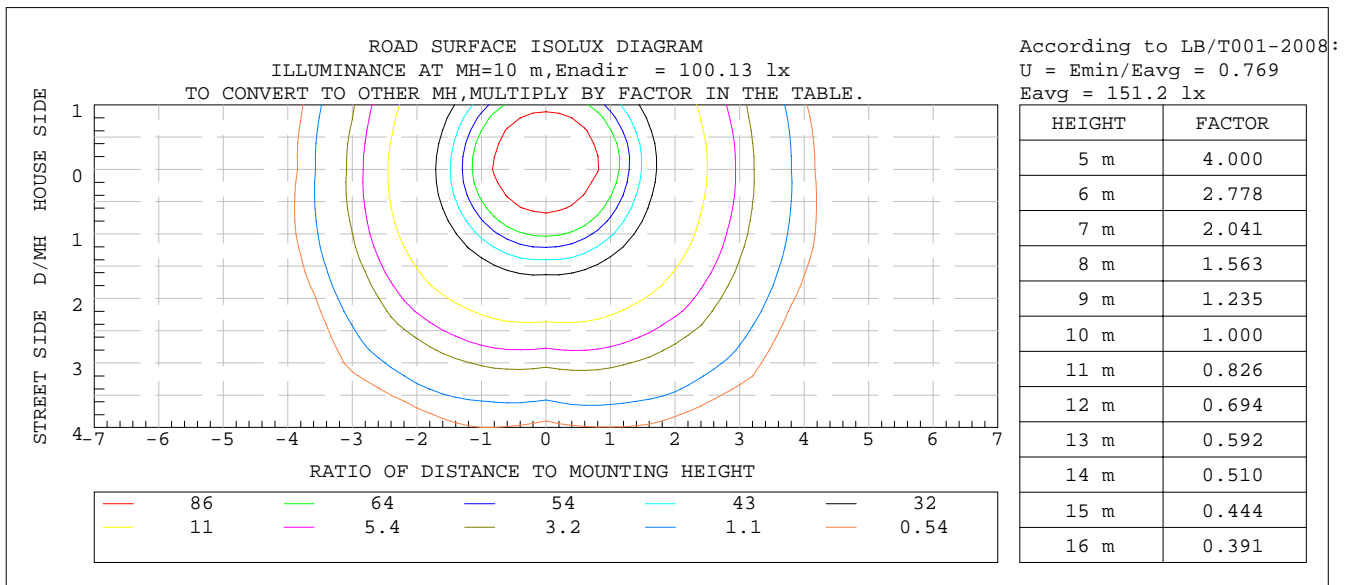
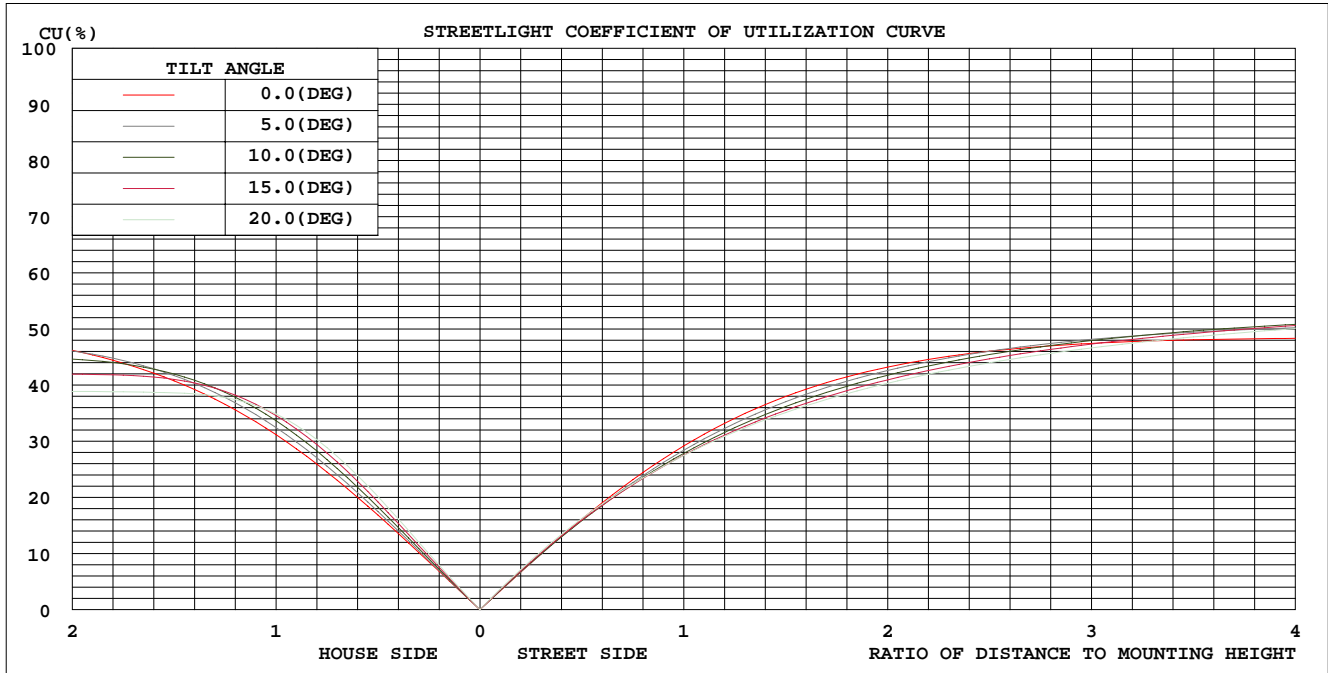
Classification:

IES:Type V - Short
CIE:Broad - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:18.69cd/klm
Max.At90:0cd/klm
Max.80-90:18.69cd/klm
NRB 5101:Limited[6.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	26523
90%	23871
80%	21219
70%	18566
60%	15914
50%	13262
40%	10609
30%	7957
20%	5305
10%	2652
5%	1326

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-7-19

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: yanyonggeng
Test Date: 2024-7-19

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:2.785A P:607.0W PF:0.9950 Freq:50.00Hz Lamp Flux:90215x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(M)-00-4070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:

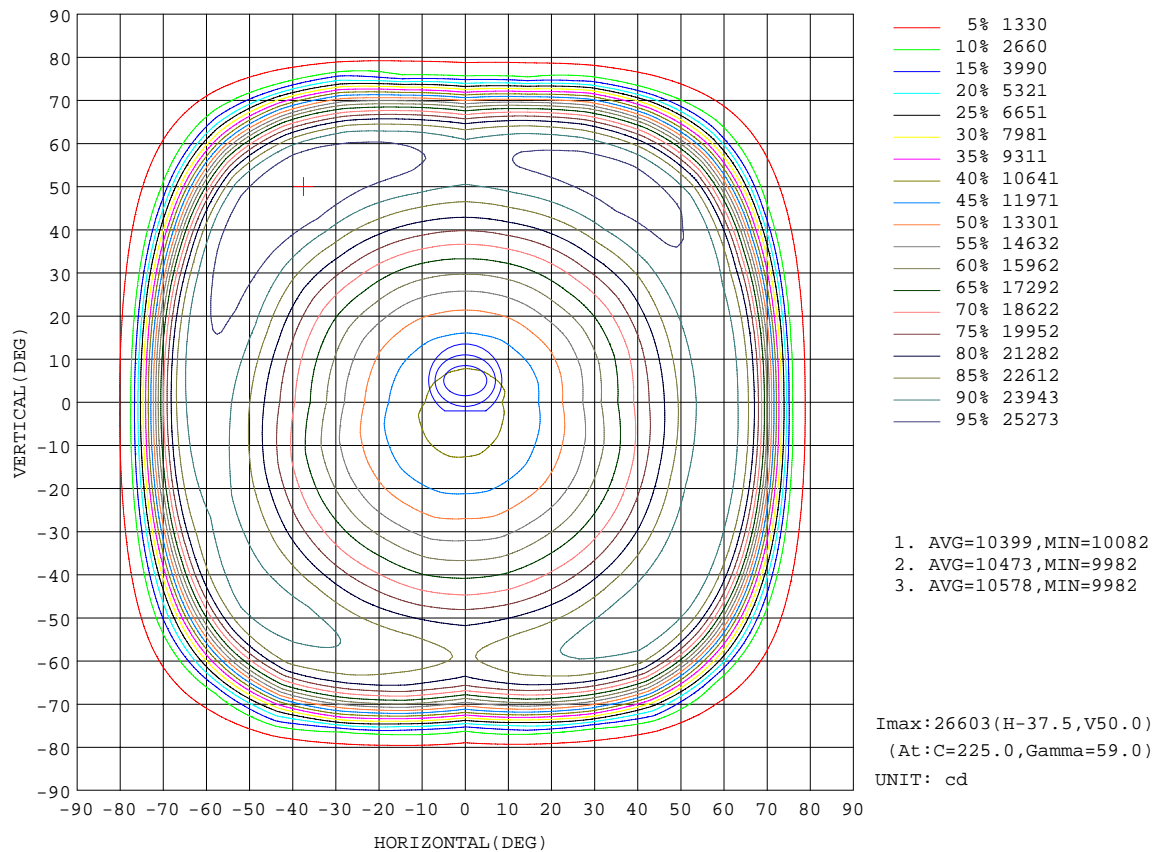
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1073	1053	1042	1045	1064	1086	1095	1090	0- 10	990.3	990.3	1.1,1.1
20	1255	1193	1174	1179	1237	1269	1295	1278	10- 20	3262	4252	4.71,4.71
30	1535	1430	1410	1415	1512	1567	1611	1579	20- 30	6338	10591	11.7,11.7
40	1883	1756	1704	1740	1866	1963	2007	1976	30- 40	10544	21135	23.4,23.4
50	2267	2172	2072	2144	2245	2415	2385	2418	40- 50	15996	37131	41.2,41.2
60	2433	2485	2237	2453	2456	2651	2423	2601	50- 60	21624	58755	65.1,65.1
70	1569	1998	1398	2086	1833	2039	1318	1854	60- 70	22533	81288	90.1,90.1
80	109.5	138.7	114.1	168.7	134.0	149.5	110.7	127.2	70- 80	8354	89642	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	573.2	90215	100,100
100	0	0	0	0	0	0	0	0	90-100	0	90215	100,100
110	0	0	0	0	0	0	0	0	100-110	0	90215	100,100
120	0	0	0	0	0	0	0	0	110-120	0	90215	100,100
130	0	0	0	0	0	0	0	0	120-130	0	90215	100,100
140	0	0	0	0	0	0	0	0	130-140	0	90215	100,100
150	0	0	0	0	0	0	0	0	140-150	0	90215	100,100
160	0	0	0	0	0	0	0	0	150-160	0	90215	100,100
170	0	0	0	0	0	0	0	0	160-170	0	90215	100,100
180	0	0	0	0	0	0	0	0	170-180	0	90215	100,100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-7-19

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

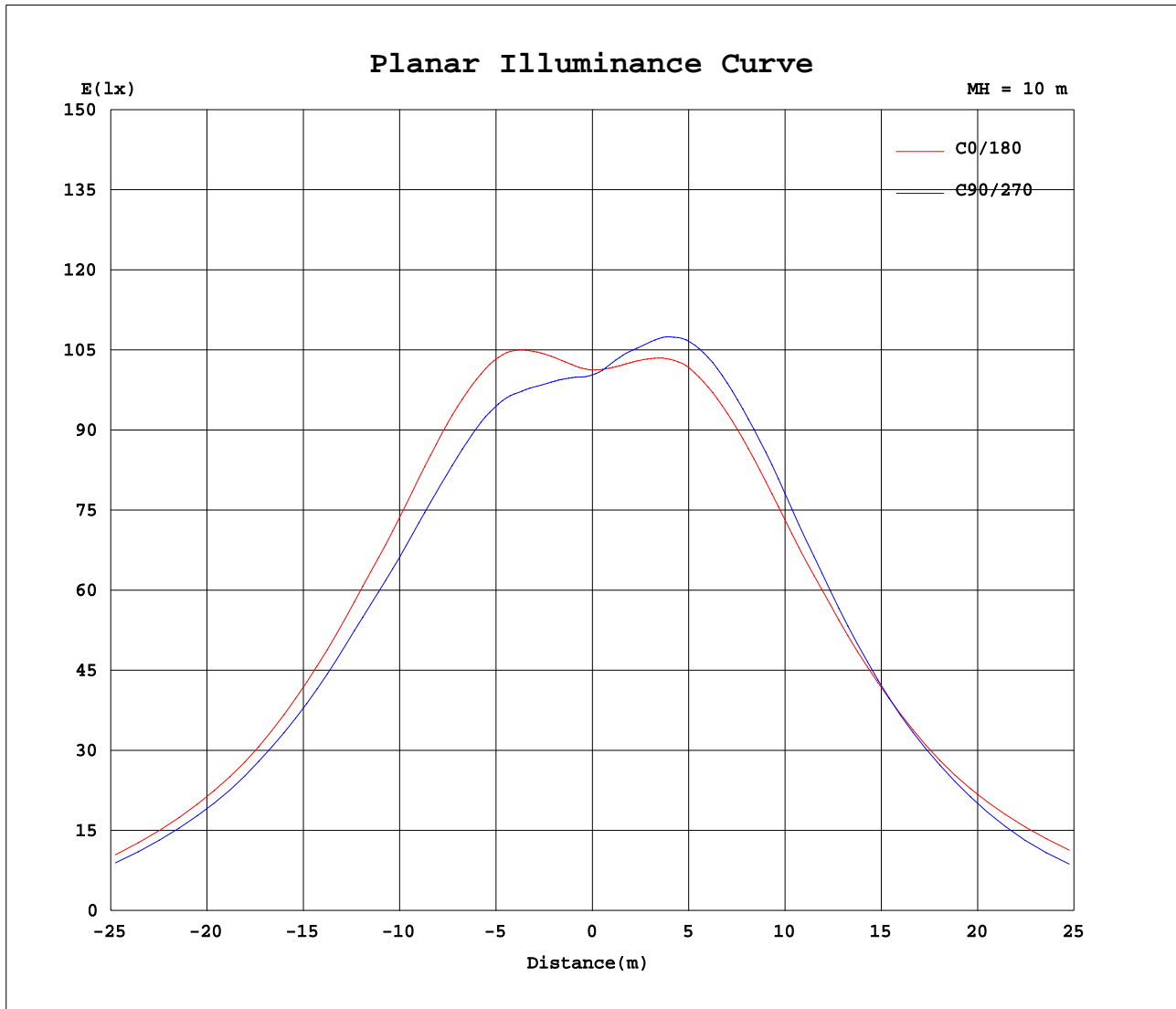
Test:U:219.0V I:2.785A P:607.0W PF:0.9950 Freq:50.00Hz Lamp Flux:90215x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(M)-00-4070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-7-19

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



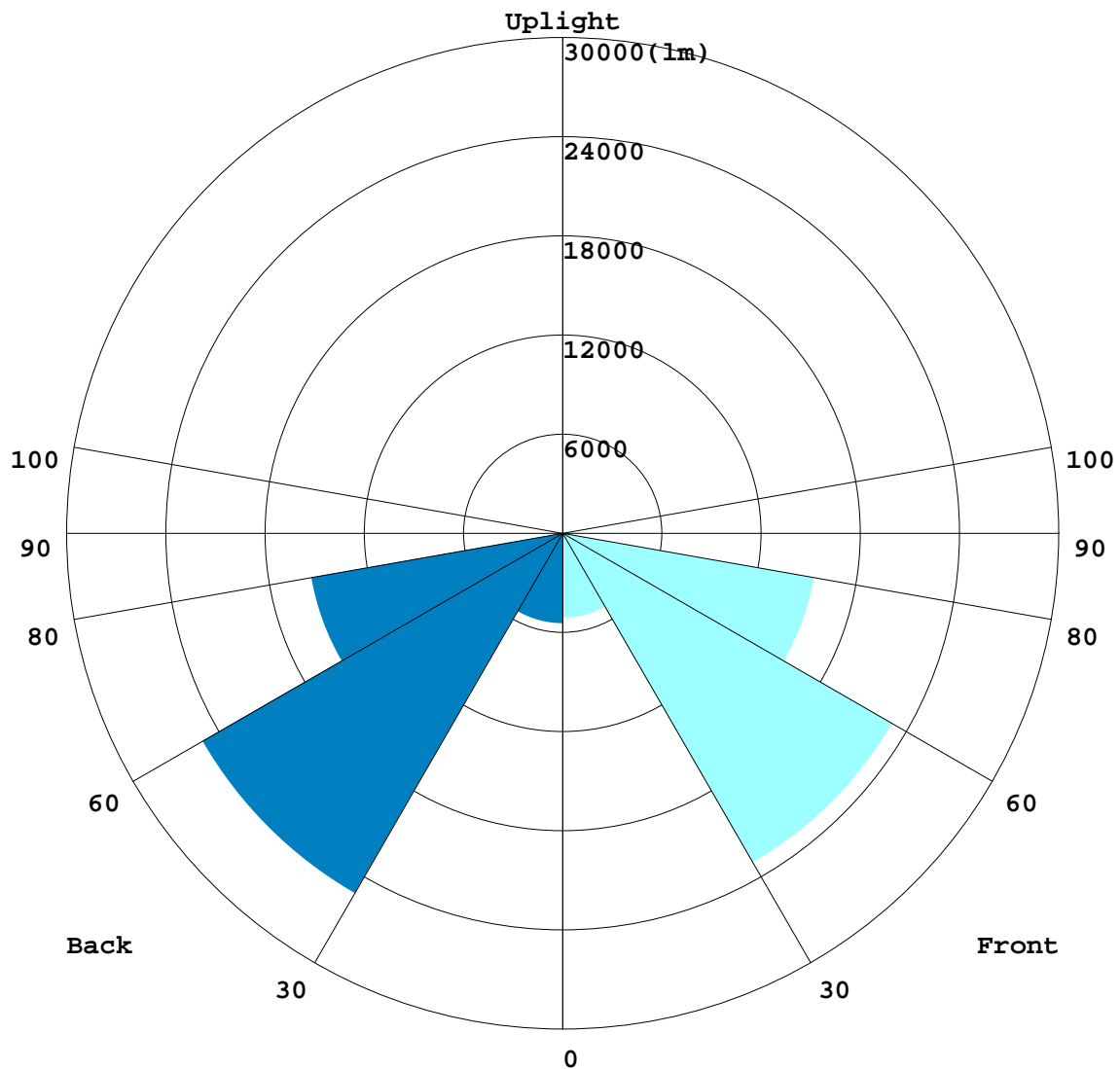
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-7-19

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:2.785A P:607.0W PF:0.9950 Freq:50.00Hz Lamp Flux:90215x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(M)-00-4070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-7-19

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:2.785A P:607.0W PF:0.9950 Freq:50.00Hz Lamp Flux:90215x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(M)-00-4070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	5133.6	5.7
FM - Front-Medium(30-60)	23014	25.5
FH - Front-High(60-80)	15448	17.1
FVH - Front-Very High(80-90)	289.15	0.3
Total Forward Light	43885	48.6

BL - Back-Low(0-30)	5457	6.0
BM - Back-Medium(30-60)	25150	27.9
BH - Back-High(60-80)	15439	17.1
BVH - Back-Very High(80-90)	284.01	0.3
Total Back Light	46330	51.4

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	46330	0	46330
Street Side	43885	0	43885

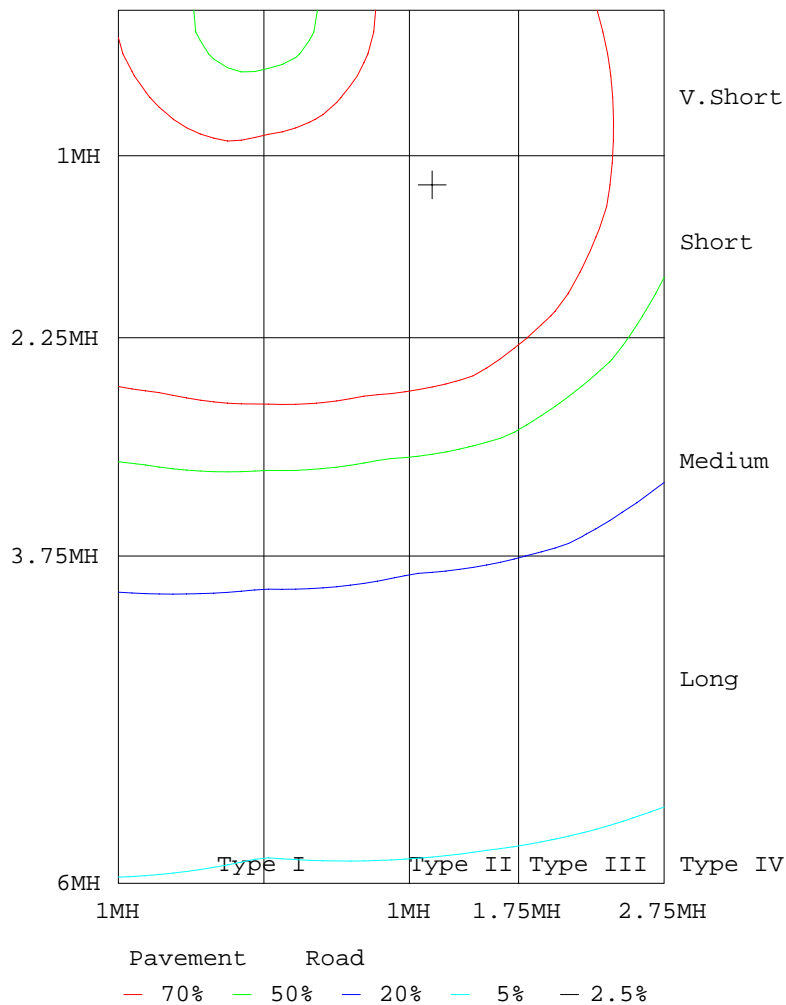
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-7-19

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:2.785A P:607.0W PF:0.9950 Freq:50.00Hz Lamp Flux:90215x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(M)-00-4070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-7-19

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:2.785A P:607.0W PF:0.9950 Freq:50.00Hz Lamp Flux:90215x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(M)-00-4070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:

Table--1

UNIT: ×10cd

C(°) γ (°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005
5	1023	1020	1018	1015	1014	1012	1012	1010	1012	1012	1014	1016	1019	1023	1025	1030	1032	1035	1035
10	1073	1065	1061	1053	1048	1041	1042	1039	1043	1045	1053	1057	1064	1071	1077	1086	1089	1095	1095
15	1150	1136	1126	1111	1102	1092	1093	1089	1094	1100	1113	1122	1136	1147	1154	1165	1168	1176	1177
20	1255	1232	1214	1193	1185	1173	1174	1168	1174	1179	1198	1215	1237	1250	1254	1269	1276	1291	1295
25	1387	1350	1323	1301	1295	1278	1285	1274	1282	1285	1306	1332	1366	1379	1382	1406	1417	1434	1441
30	1535	1484	1450	1430	1421	1400	1410	1396	1411	1415	1433	1463	1512	1526	1531	1567	1581	1599	1611
35	1703	1639	1605	1580	1568	1543	1548	1539	1559	1566	1584	1614	1681	1695	1707	1752	1771	1790	1800
40	1883	1822	1782	1756	1736	1707	1704	1701	1729	1740	1759	1794	1866	1891	1912	1963	1986	2004	2007
45	2065	2028	1982	1951	1924	1887	1874	1885	1917	1932	1956	1997	2052	2109	2134	2193	2209	2213	2212
50	2267	2251	2201	2172	2128	2098	2072	2090	2112	2144	2165	2208	2245	2334	2355	2415	2409	2415	2385
55	2409	2417	2391	2371	2320	2272	2203	2265	2299	2346	2343	2367	2398	2489	2537	2597	2561	2528	2472
60	2433	2471	2482	2485	2408	2349	2237	2334	2387	2453	2448	2434	2456	2537	2603	2651	2615	2530	2423
65	2293	2342	2408	2412	2335	2211	2053	2205	2329	2393	2423	2351	2363	2434	2541	2553	2466	2278	2086
70	1569	1717	1890	1998	1844	1653	1398	1698	1913	2086	2018	1887	1833	1882	2079	2039	1863	1562	1318
75	408	531	690	890	823	615	447	683	978	1113	945	821	727	750	918	958	870	489	369
80	109	119	122	139	133	125	114	132	148	169	150	147	134	139	148	150	141	123	111
85	32.9	39.4	37.1	43.4	44.1	43.1	39.4	46.8	53.7	56.8	52.8	57.0	48.8	52.0	52.5	50.6	50.8	44.4	41.5
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:yanyonggeng

Test Date:2024-7-19

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:2.785A P:607.0W PF:0.9950 Freq:50.00Hz Lamp Flux:90215x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(M)-00-4070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1005	1005	1005	1005	1005														
5	1036	1033	1032	1027	1026														
10	1095	1091	1090	1082	1077														
15	1177	1170	1170	1161	1156														
20	1294	1283	1278	1264	1262														
25	1439	1428	1418	1395	1393														
30	1605	1591	1579	1545	1537														
35	1797	1782	1764	1722	1705														
40	2013	1995	1976	1924	1900														
45	2225	2214	2200	2141	2114														
50	2415	2416	2418	2360	2333														
55	2528	2547	2557	2515	2462														
60	2516	2572	2601	2560	2477														
65	2255	2384	2454	2463	2322														
70	1501	1753	1854	1847	1622														
75	406	703	739	657	459														
80	117	127	127	123	118														
85	40.1	41.5	38.5	38.1	37.1														
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:yanyonggeng
Test Date:2024-7-19

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: