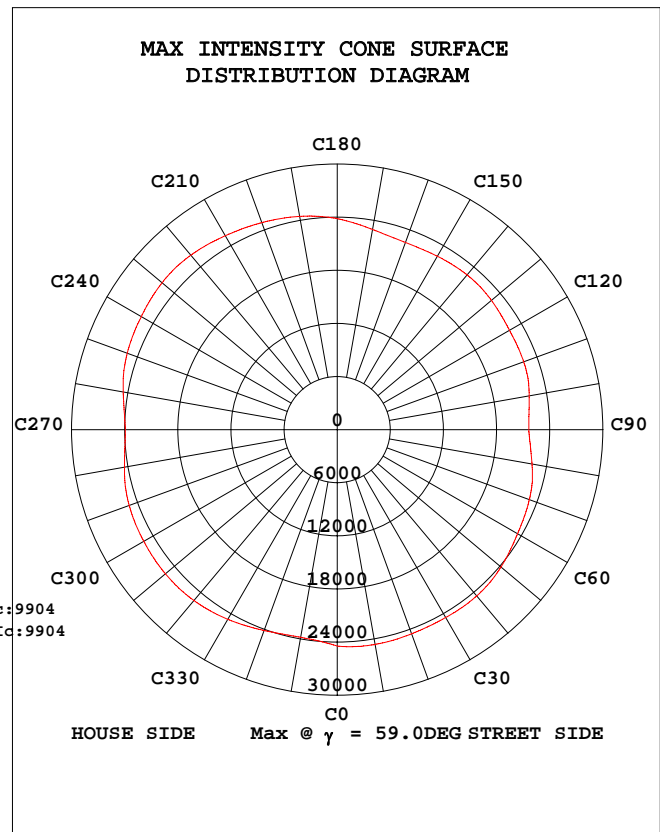
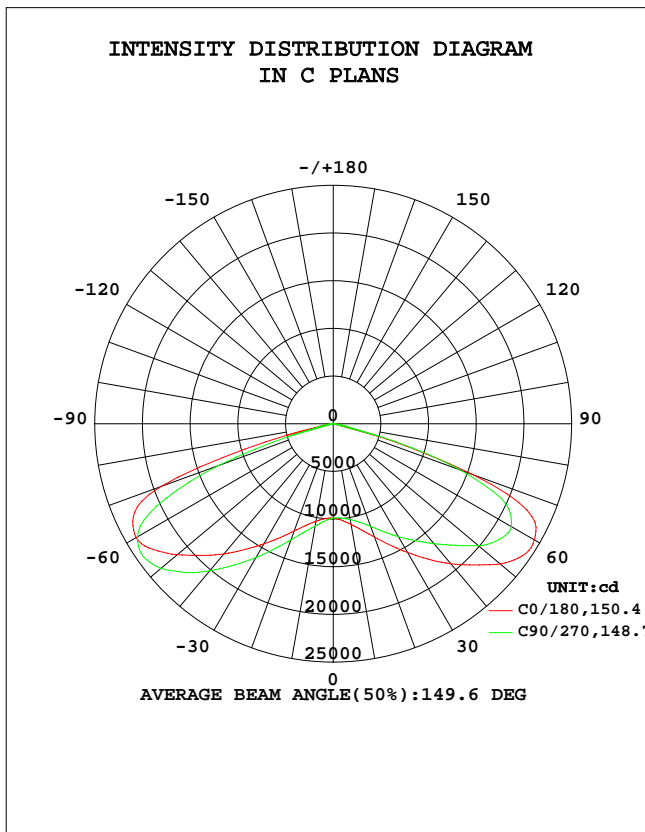


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:2.765A P:602.6W PF:0.9948 Freq:50.01Hz Lamp Flux:88199.3x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(L)-00-3070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 146.35 lm/W			
MODEL	5050	I _{max} (cd)	25854	η street_up(%)	0.0
NOMINAL POWER(W)	600	LOR(%)	100.0	η street_down(%)	48.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	88199	η house_up(%)	0.0
NOMINAL FLUX(lm)	88199.3	MAXIMUM @(C,γ)	225,59.0	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	21.118

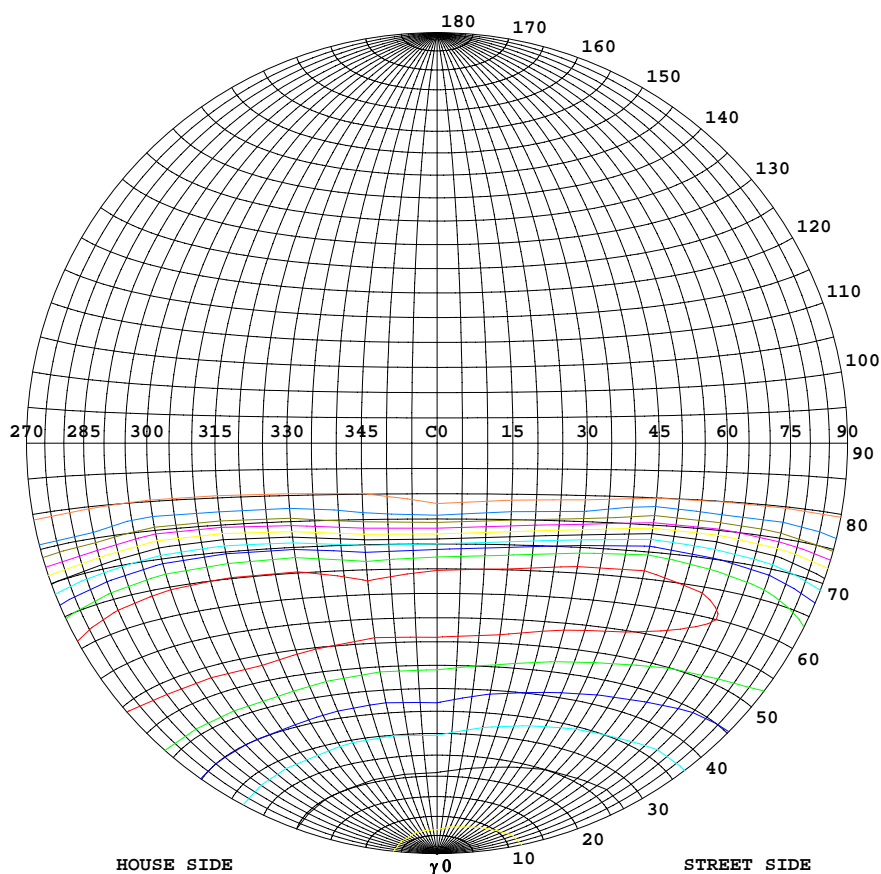


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-7-18

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:219.1V I:2.765A P:602.6W PF:0.9948 Freq:50.01Hz Lamp Flux:88199.3x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(L)-00-3070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:



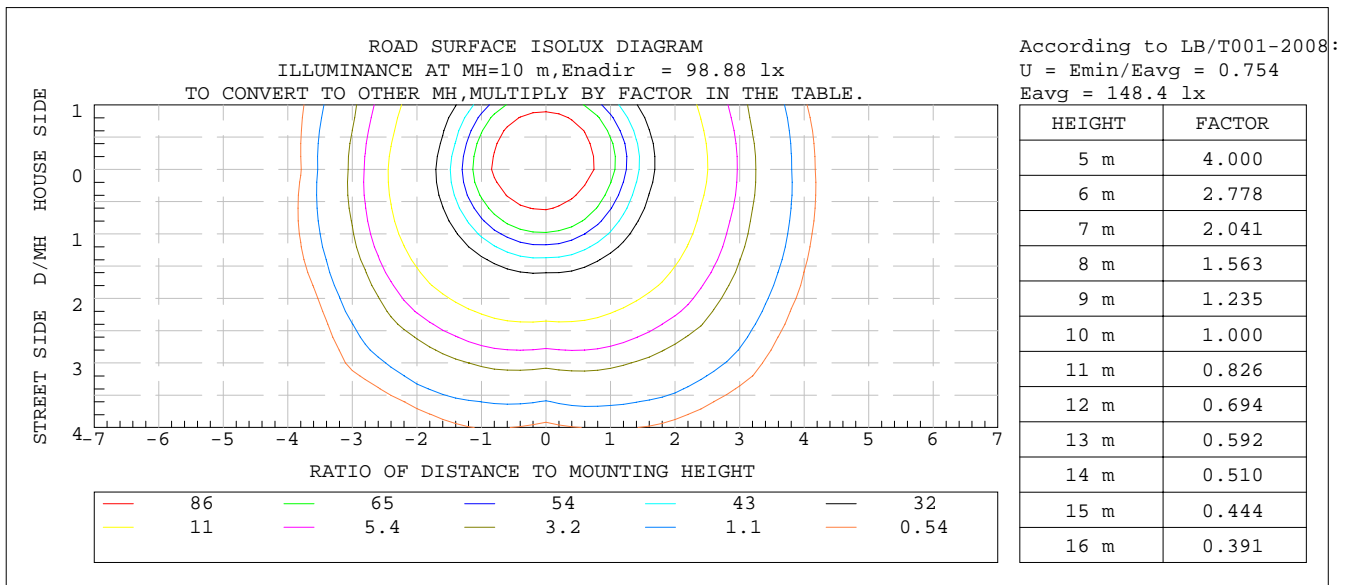
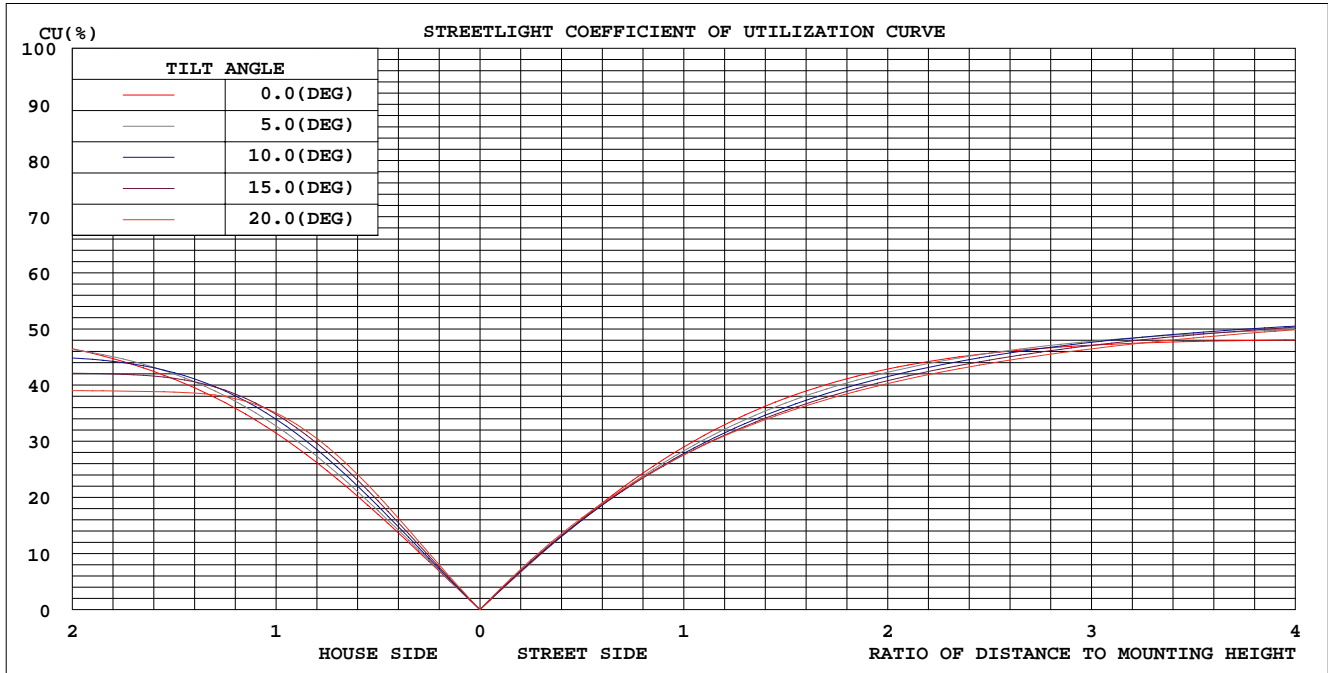
Classification:

IES:Type V - Short
CIE:Broad - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:22.46cd/klm
Max.At90:0cd/klm
Max.80-90:22.46cd/klm
NRB 5101:Limited[6.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	25854
90%	23269
80%	20683
70%	18098
60%	15513
50%	12927
40%	10342
30%	7756
20%	5171
10%	2585
5%	1293

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-7-18

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: 2024-7-18

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:219.1V I:2.765A P:602.6W PF:0.9948 Freq:50.01Hz Lamp Flux:88199.3x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(L)-00-3070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:

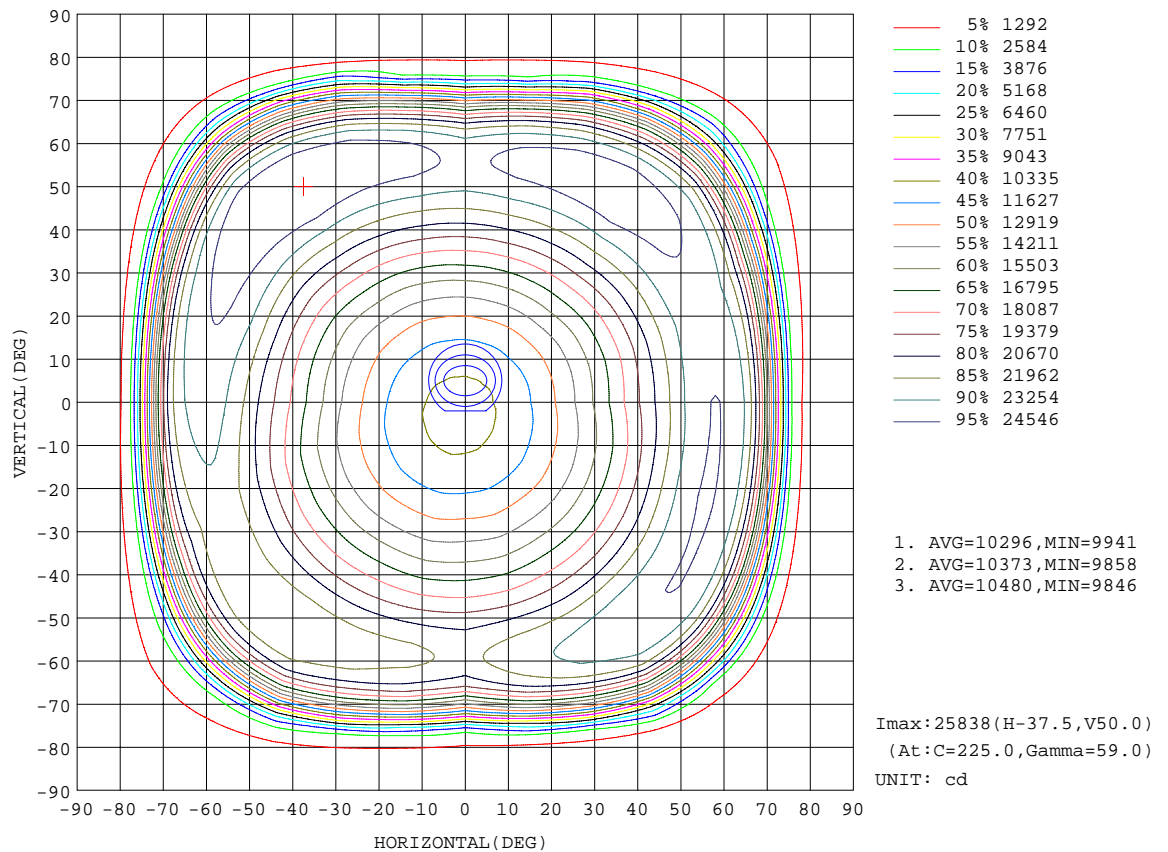
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1071	1043	1021	1019	1038	1071	1089	1089	0- 10	977.4	977.4	1.11,1.11
20	1265	1185	1145	1138	1196	1249	1296	1291	10- 20	3223	4201	4.76,4.76
30	1558	1420	1368	1350	1453	1535	1619	1605	20- 30	6262	10463	11.9,11.9
40	1916	1741	1642	1640	1781	1913	2011	2000	30- 40	10384	20847	23.6,23.6
50	2287	2143	1989	1994	2137	2344	2359	2402	40- 50	15627	36474	41.4,41.4
60	2435	2443	2157	2294	2387	2584	2371	2522	50- 60	20979	57453	65.1,65.1
70	1545	1988	1408	2007	1917	2028	1275	1754	60- 70	21909	79362	90,90
80	96.16	127.9	122.0	198.1	123.8	142.0	115.6	137.8	70- 80	8248	87610	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	589.3	88199	100,100
100	0	0	0	0	0	0	0	0	90-100	0	88199	100,100
110	0	0	0	0	0	0	0	0	100-110	0	88199	100,100
120	0	0	0	0	0	0	0	0	110-120	0	88199	100,100
130	0	0	0	0	0	0	0	0	120-130	0	88199	100,100
140	0	0	0	0	0	0	0	0	130-140	0	88199	100,100
150	0	0	0	0	0	0	0	0	140-150	0	88199	100,100
160	0	0	0	0	0	0	0	0	150-160	0	88199	100,100
170	0	0	0	0	0	0	0	0	160-170	0	88199	100,100
180	0	0	0	0	0	0	0	0	170-180	0	88199	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-7-18

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

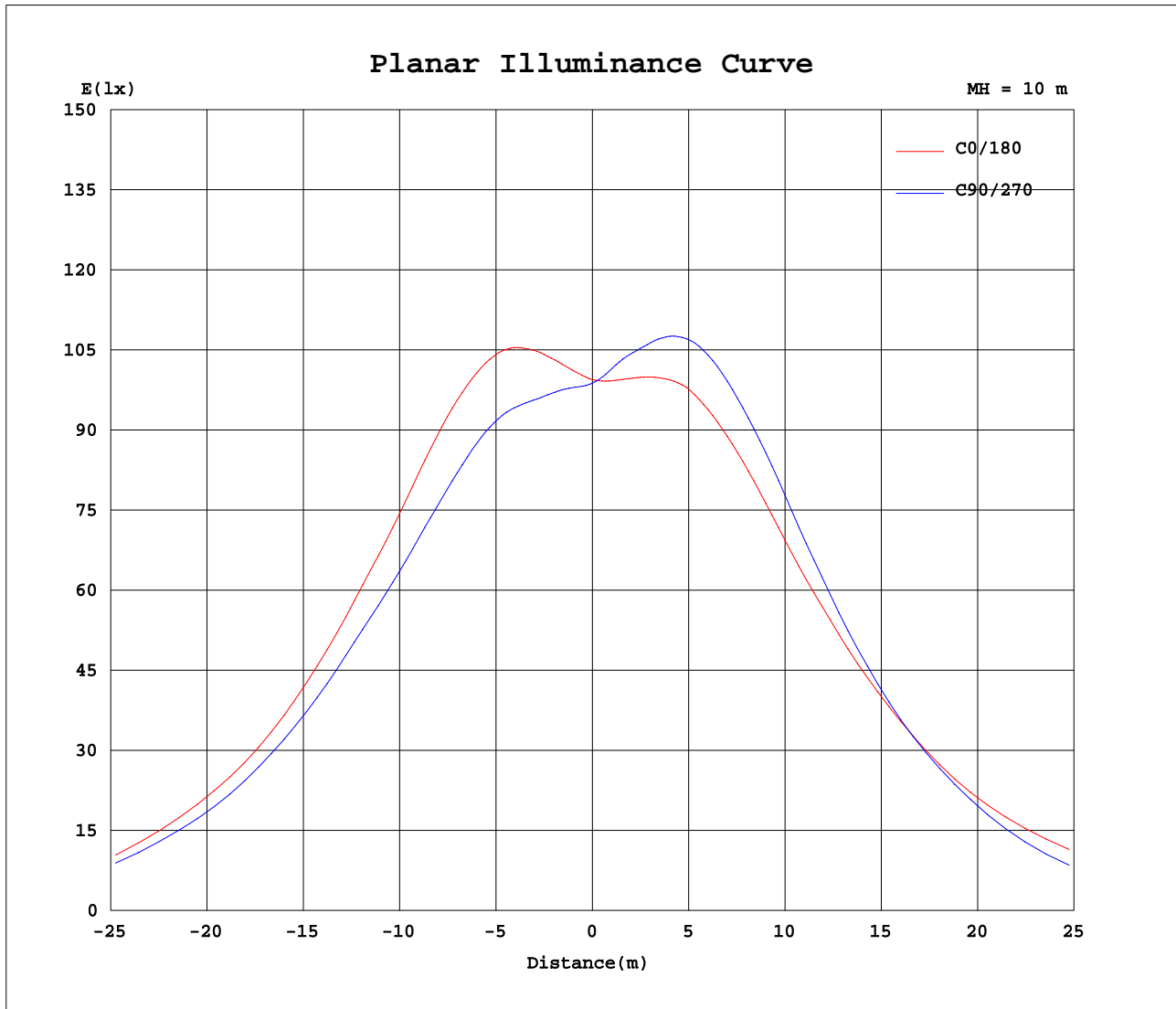
Test:U:219.1V I:2.765A P:602.6W PF:0.9948 Freq:50.01Hz Lamp Flux:88199.3x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(L)-00-3070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-7-18

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



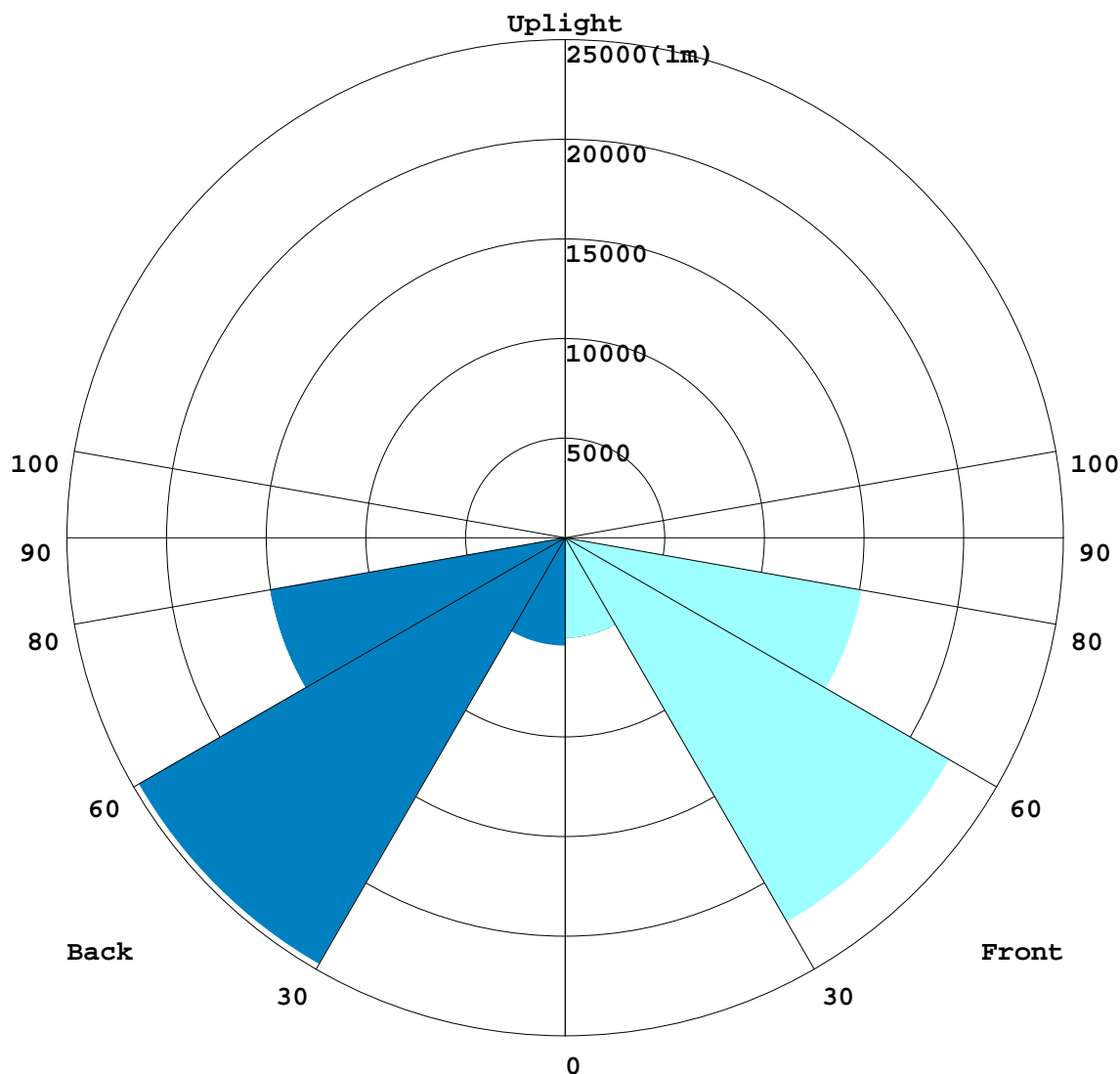
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-7-18

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:219.1V I:2.765A P:602.6W PF:0.9948 Freq:50.01Hz Lamp Flux:88199.3x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(L)-00-3070-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:2024-7-18

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:219.1V I:2.765A P:602.6W PF:0.9948 Freq:50.01Hz Lamp Flux:88199.3x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(L)-00-3070-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)	5038.1	5.7
FM - Front-Medium(30-60)	22278	25.3
FH - Front-High(60-80)	15118	17.1
FVH - Front-Very High(80-90)	302.18	0.3
Total Forward Light	42737	48.5

BL - Back-Low(0-30)	5424.9	6.2
BM - Back-Medium(30-60)	24712	28.0
BH - Back-High(60-80)	15039	17.1
BVH - Back-Very High(80-90)	287.17	0.3
Total Back Light	45462	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	B5-U0-G?
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	45462	0	45462
Street Side	42737	0	42737

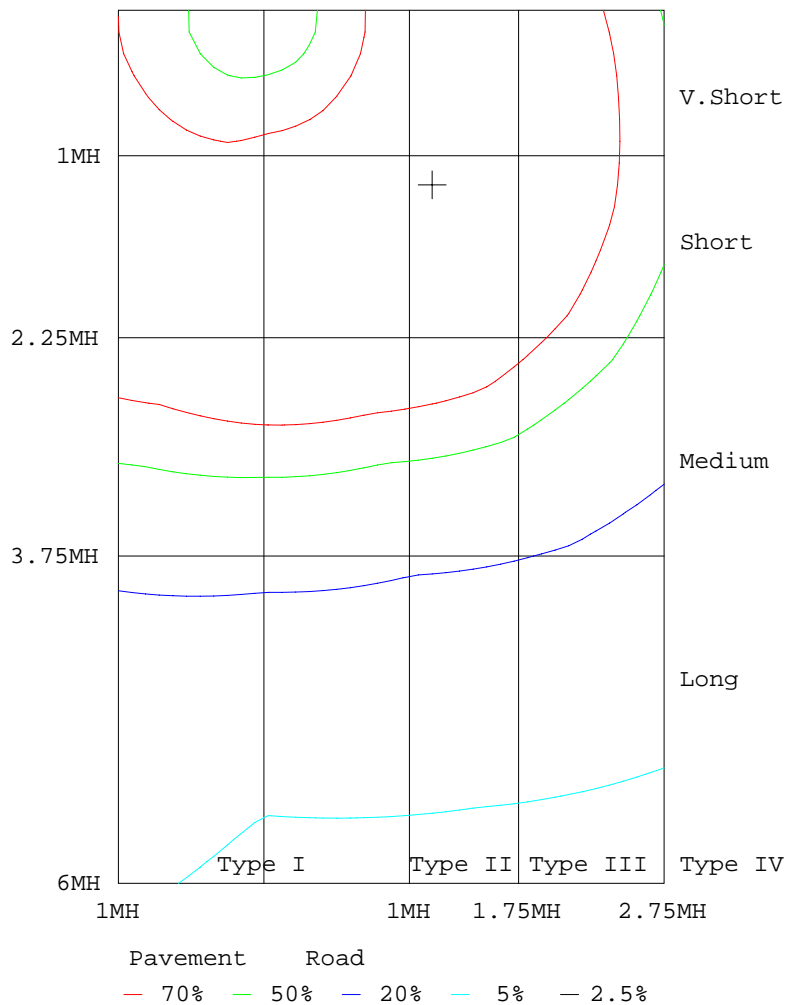
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-7-18

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:219.1V I:2.765A P:602.6W PF:0.9948 Freq:50.01Hz Lamp Flux:88199.3x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(L)-00-3070-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:2024-7-18

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:219.1V I:2.765A P:602.6W PF:0.9948 Freq:50.01Hz Lamp Flux:88199.3x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(L)-00-3070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:

Table--1

UNIT: ×10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990
5	1016	1011	1008	1004	1001	996	994	991	991	991	993	995	999	1004	1008	1015	1018	1024	1025
10	1071	1061	1054	1043	1035	1025	1021	1016	1018	1019	1025	1030	1038	1047	1057	1071	1077	1086	1089
15	1154	1137	1122	1102	1088	1074	1069	1060	1062	1066	1079	1089	1104	1119	1132	1147	1155	1170	1175
20	1265	1237	1212	1185	1169	1151	1145	1133	1135	1138	1156	1172	1196	1215	1229	1249	1263	1285	1296
25	1402	1359	1324	1292	1277	1253	1249	1232	1236	1234	1252	1278	1317	1337	1349	1382	1402	1428	1446
30	1558	1496	1452	1420	1400	1368	1368	1346	1352	1350	1366	1395	1453	1473	1490	1535	1562	1594	1619
35	1733	1655	1608	1570	1543	1505	1496	1477	1486	1485	1499	1529	1609	1629	1655	1710	1746	1782	1808
40	1916	1840	1785	1741	1706	1660	1642	1625	1638	1640	1654	1685	1781	1812	1848	1913	1952	1991	2011
45	2094	2045	1981	1930	1885	1830	1803	1792	1807	1808	1823	1860	1953	2018	2059	2131	2165	2190	2205
50	2287	2259	2191	2143	2077	2032	1989	1985	1985	1994	2004	2044	2137	2236	2275	2344	2354	2377	2359
55	2418	2415	2370	2339	2267	2205	2120	2157	2164	2181	2169	2191	2301	2400	2457	2522	2499	2484	2431
60	2435	2455	2457	2443	2360	2285	2157	2233	2255	2294	2278	2269	2387	2471	2537	2584	2555	2483	2371
65	2299	2332	2391	2372	2297	2164	2003	2117	2204	2252	2272	2201	2314	2391	2507	2491	2413	2232	2040
70	1545	1702	1887	1988	1838	1667	1408	1674	1849	2007	1957	1853	1917	1949	2099	2028	1834	1523	1275
75	363	488	648	883	830	638	463	703	987	1148	955	812	734	750	927	964	830	454	347
80	96.2	106	112	128	127	124	122	143	168	198	177	173	124	130	140	142	135	124	116
85	29.3	35.9	34.5	40.6	42.8	43.5	42.4	51.0	60.3	66.3	63.7	67.9	45.4	49.3	49.2	48.2	48.8	44.5	43.7
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:2024-7-18

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:219.1V I:2.765A P:602.6W PF:0.9948 Freq:50.01Hz Lamp Flux:88199.3x1 lm		
NAME: AOK HMA	TYPE:LED Sports Lighter	WEIGHT:
SPEC.:AOK-600WHMA-L5(L)-00-3070-T5-P	DIM.: 605*115*160mm	SERIAL No.:
MFR.: AOK	SUR.:560*120mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	990	990	990	990	990														
5	1027	1025	1025	1020	1018														
10	1092	1090	1089	1081	1075														
15	1180	1176	1176	1167	1160														
20	1302	1296	1291	1278	1271														
25	1452	1448	1439	1414	1406														
30	1623	1618	1605	1569	1555														
35	1816	1811	1792	1749	1724														
40	2026	2020	2000	1948	1913														
45	2225	2223	2209	2149	2107														
50	2396	2402	2402	2337	2292														
55	2487	2507	2517	2459	2385														
60	2457	2509	2522	2468	2380														
65	2188	2297	2340	2340	2215														
70	1436	1666	1754	1732	1520														
75	375	638	675	604	425														
80	123	135	138	136	132														
85	42.7	43.7	42.3	42.4	41.3														
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:2024-7-18

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: