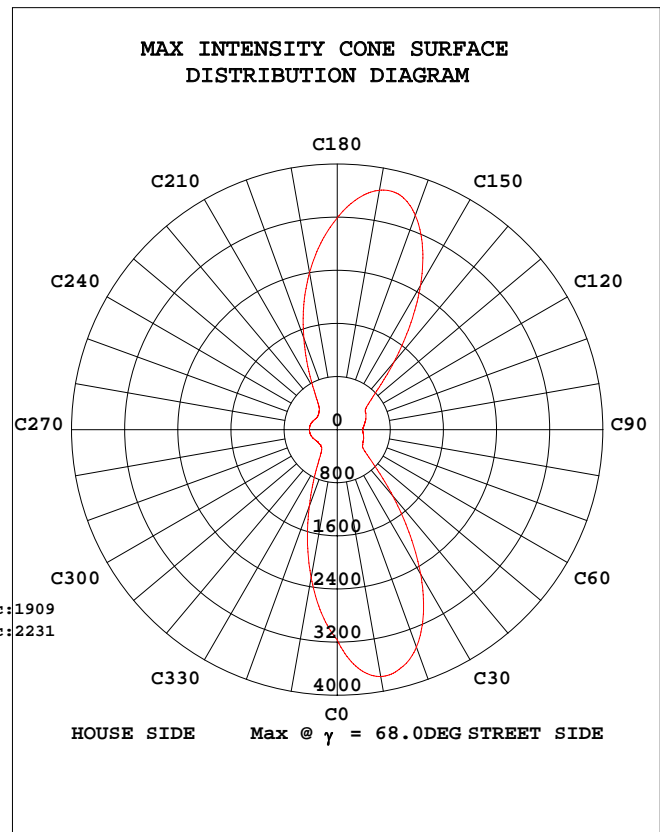
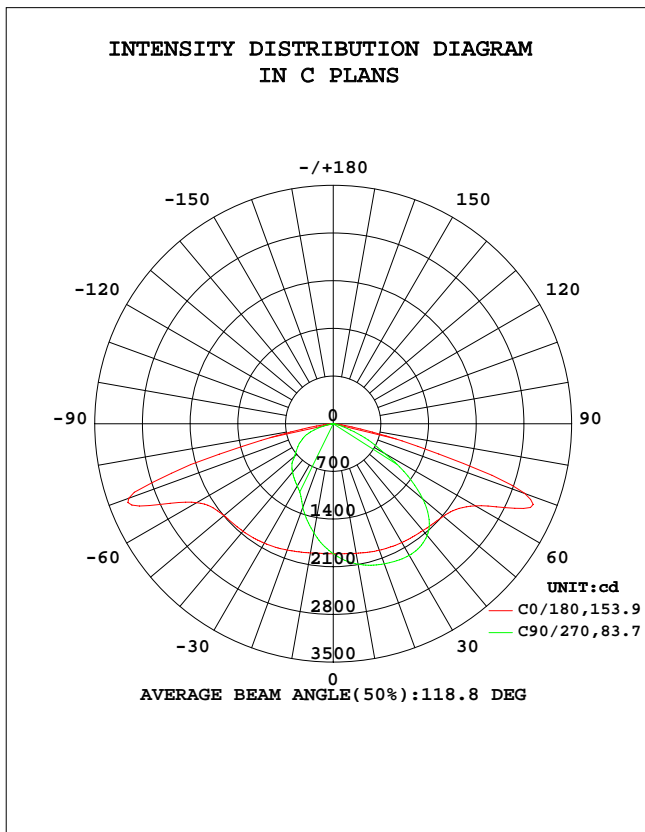


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:0.2304A P:49.94W PF:0.9894 Freq:50.01Hz Lamp Flux:7396.36x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WILE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.11 lm/W			
MODEL	3030	Imax(cd)	3712	η street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	100.0	η street_down(%)	62.4
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7396	η house_up(%)	0.0
NOMINAL FLUX(lm)	7396.36	MAXIMUM @(C, γ)	15,68.0	η house_down(%)	37.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.698

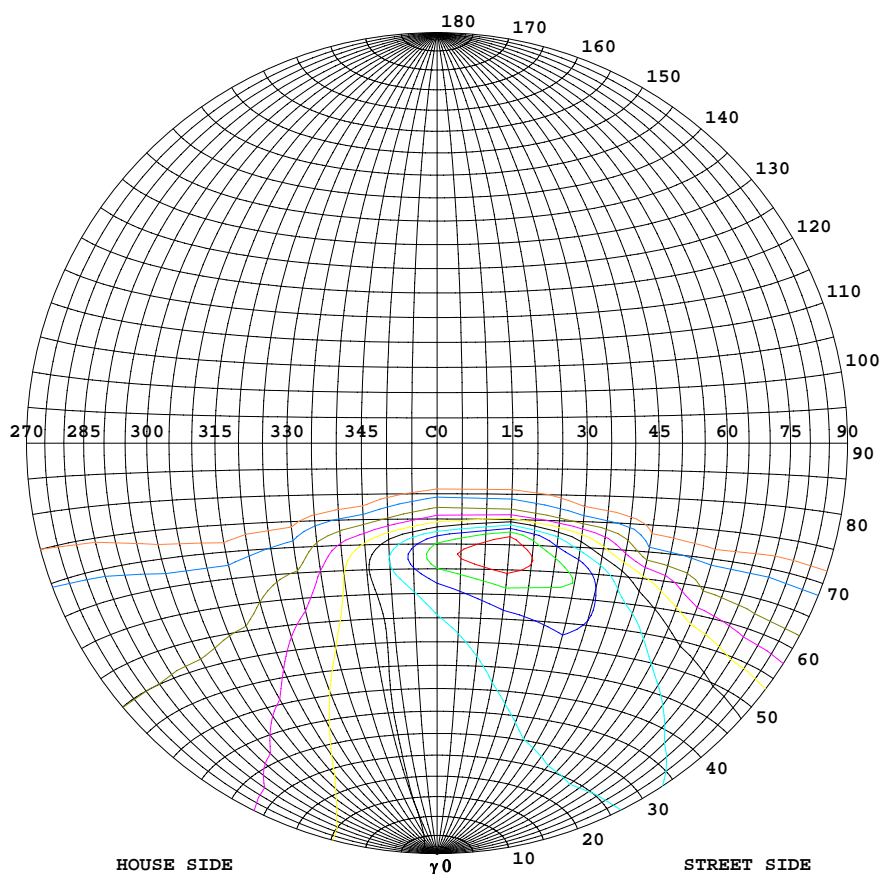


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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:0.2304A P:49.94W PF:0.9894 Freq:50.01Hz Lamp Flux:7396.36x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



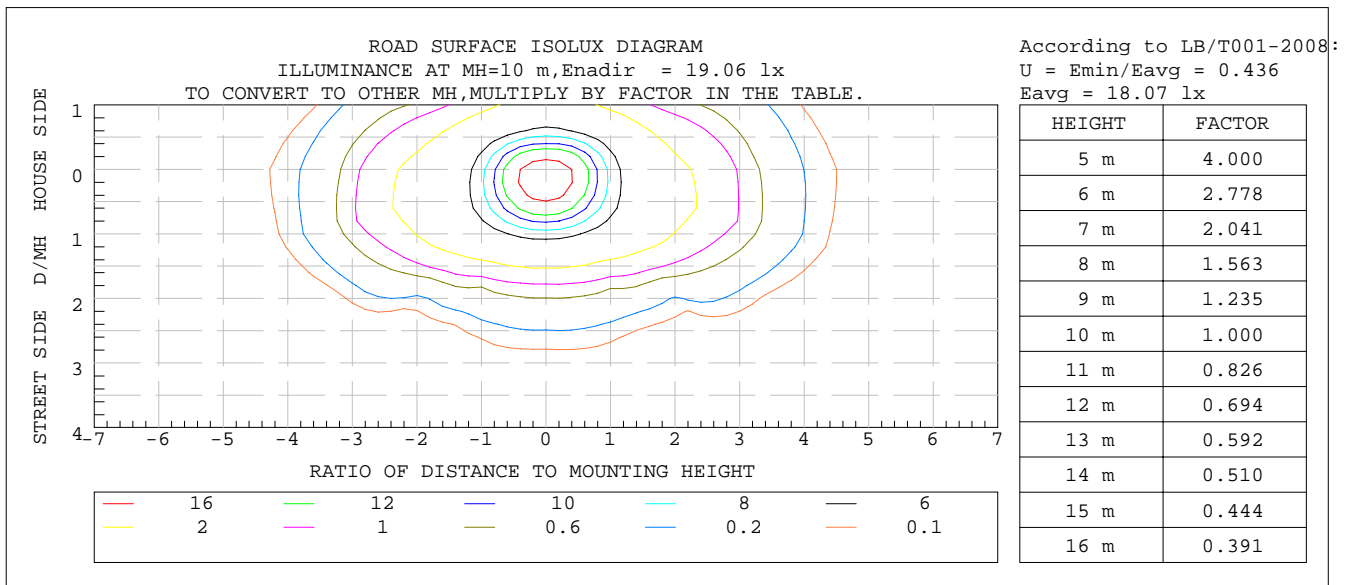
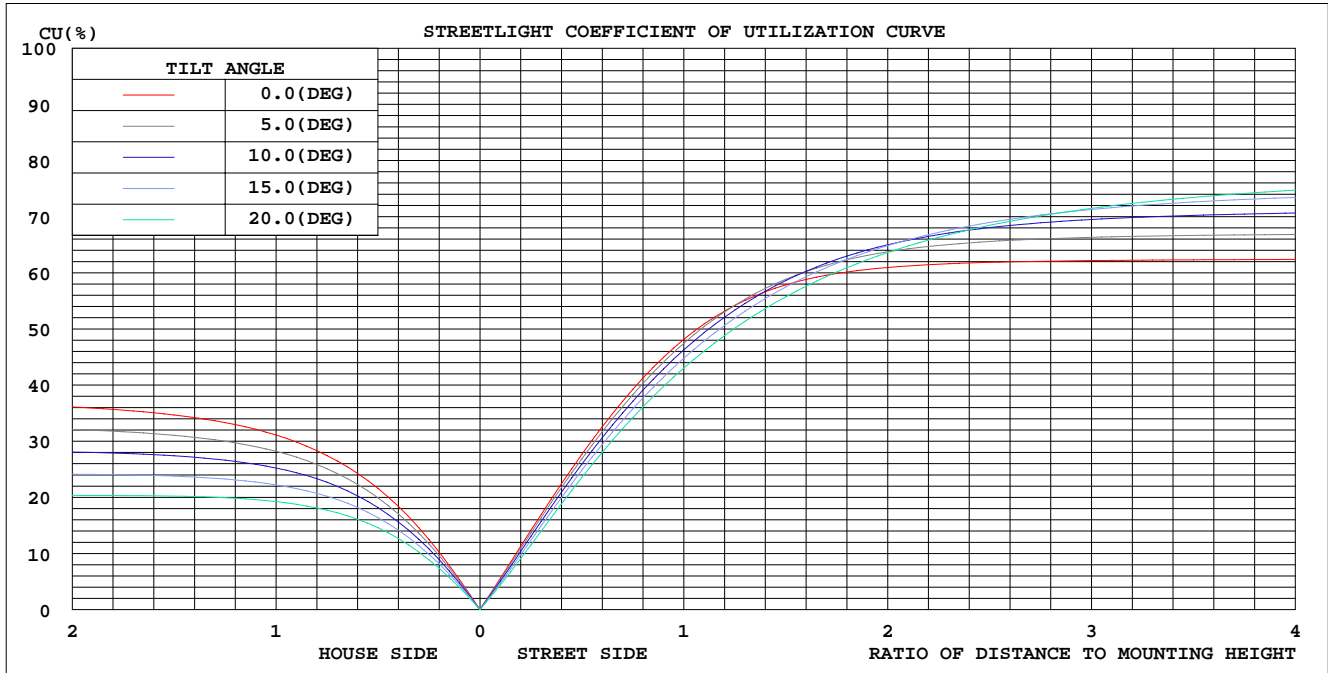
Classification:

IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:63.06cd/klm
Max.At90:0cd/klm
Max.80-90:63.06cd/klm
NRB 5101:Limited[4.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3712
90%	3341
80%	2970
70%	2599
60%	2227
50%	1856
40%	1485
30%	1114
20%	742
10%	371
5%	186

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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: 2024-12-12

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:0.2304A P:49.94W PF:0.9894 Freq:50.01Hz Lamp Flux:7396.36x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

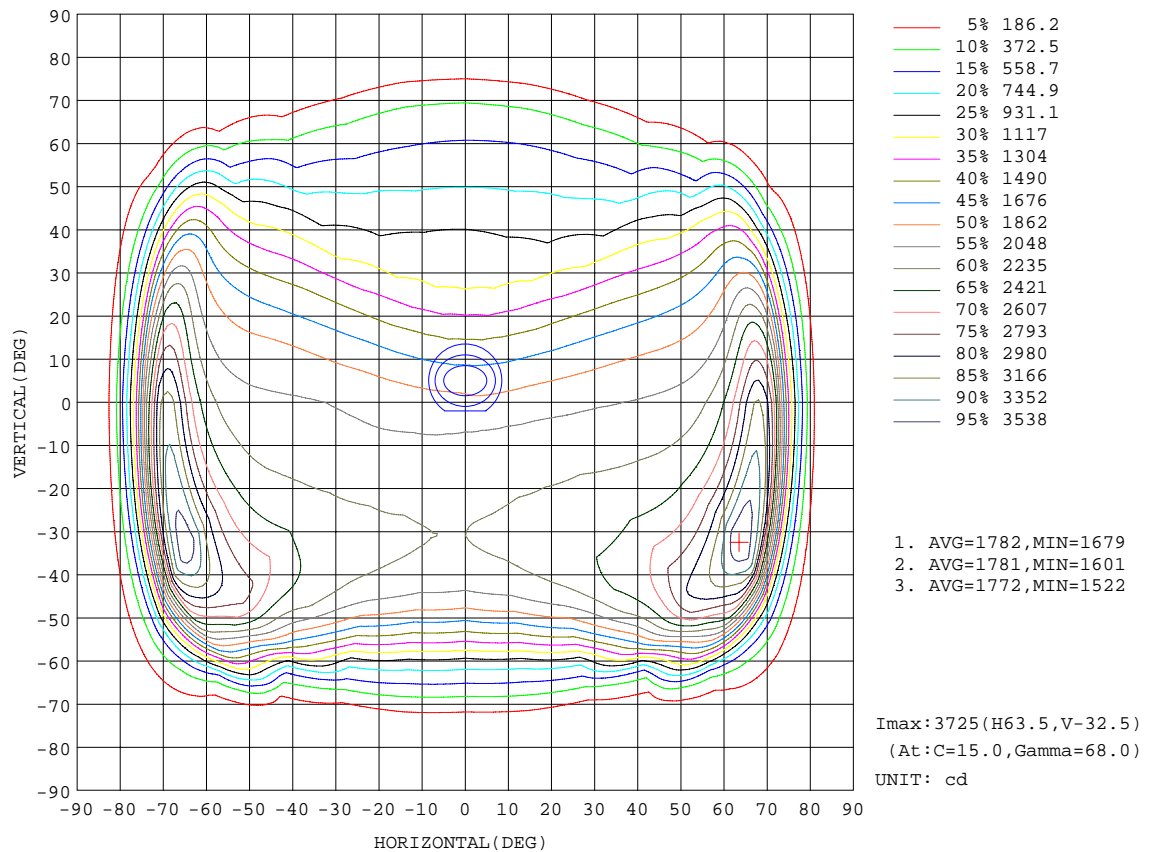
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1933	2057	2093	2052	1927	1736	1630	1735	0- 10	181.6	181.6	2.45,2.45
20	1977	2170	2188	2157	1973	1566	1307	1556	10- 20	532.5	714.1	9.65,9.65
30	2015	2259	2231	2230	2025	1391	1057	1374	20- 30	850.9	1565	21.2,21.2
40	2048	2362	2144	2316	2062	1180	931.1	1142	30- 40	1131	2696	36.4,36.4
50	2113	2437	1715	2380	2096	947.0	739.7	896.6	40- 50	1342	4037	54.6,54.6
60	2410	2098	872.6	2048	2317	650.6	575.9	608.9	50- 60	1414	5452	73.7,73.7
70	2987	475.3	268.8	554.5	3195	288.6	355.3	250.1	60- 70	1336	6788	91.8,91.8
80	279.5	53.08	45.37	63.72	466.4	52.69	51.16	41.31	70- 80	576.8	7365	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	31.57	7396	100,100
100	0	0	0	0	0	0	0	0	90-100	0	7396	100,100
110	0	0	0	0	0	0	0	0	100-110	0	7396	100,100
120	0	0	0	0	0	0	0	0	110-120	0	7396	100,100
130	0	0	0	0	0	0	0	0	120-130	0	7396	100,100
140	0	0	0	0	0	0	0	0	130-140	0	7396	100,100
150	0	0	0	0	0	0	0	0	140-150	0	7396	100,100
160	0	0	0	0	0	0	0	0	150-160	0	7396	100,100
170	0	0	0	0	0	0	0	0	160-170	0	7396	100,100
180	0	0	0	0	0	0	0	0	170-180	0	7396	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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:

ISOCANDELA DIAGRAM

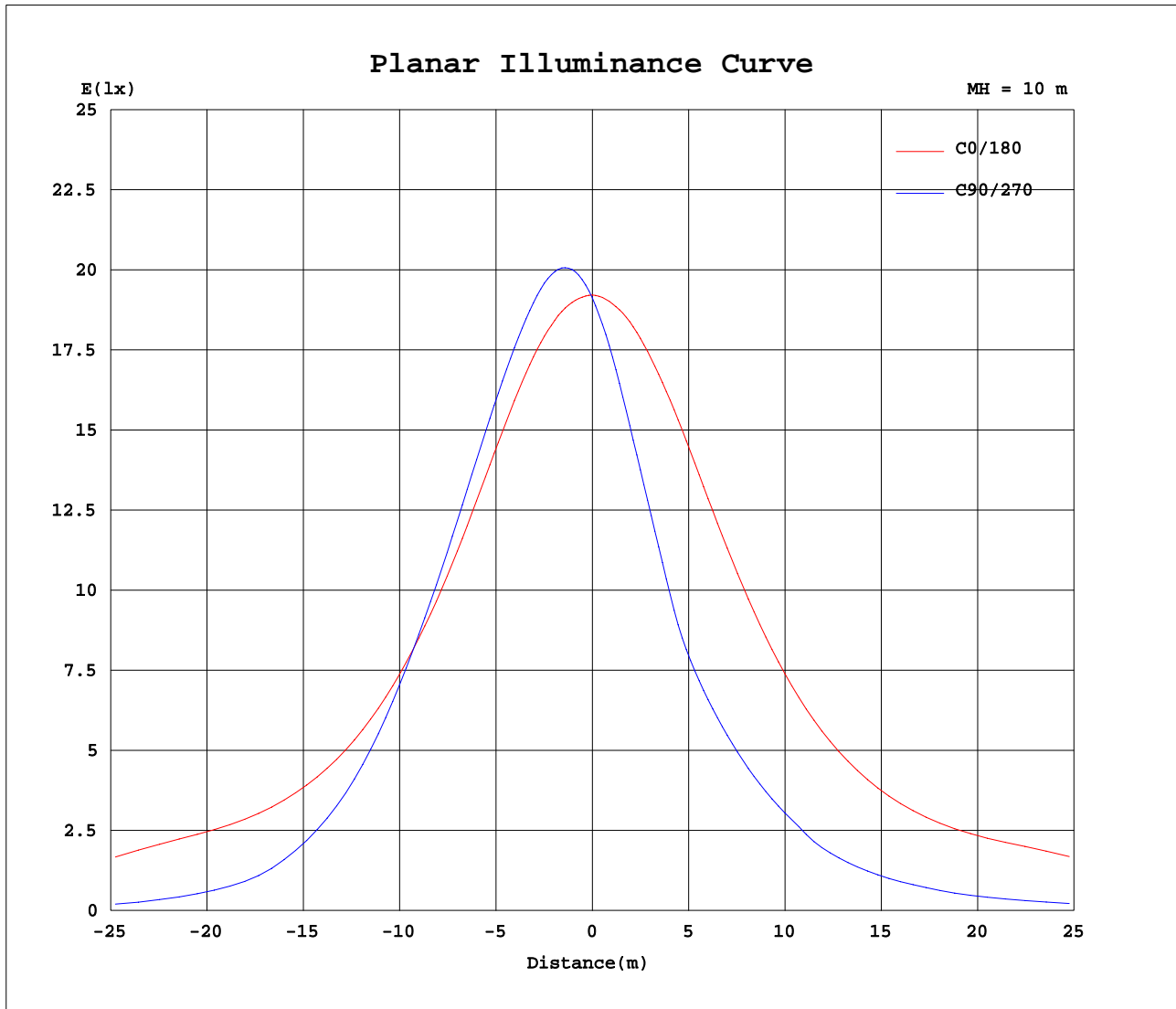
Test:U:219.1V I:0.2304A P:49.94W PF:0.9894 Freq:50.01Hz Lamp Flux:7396.36x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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



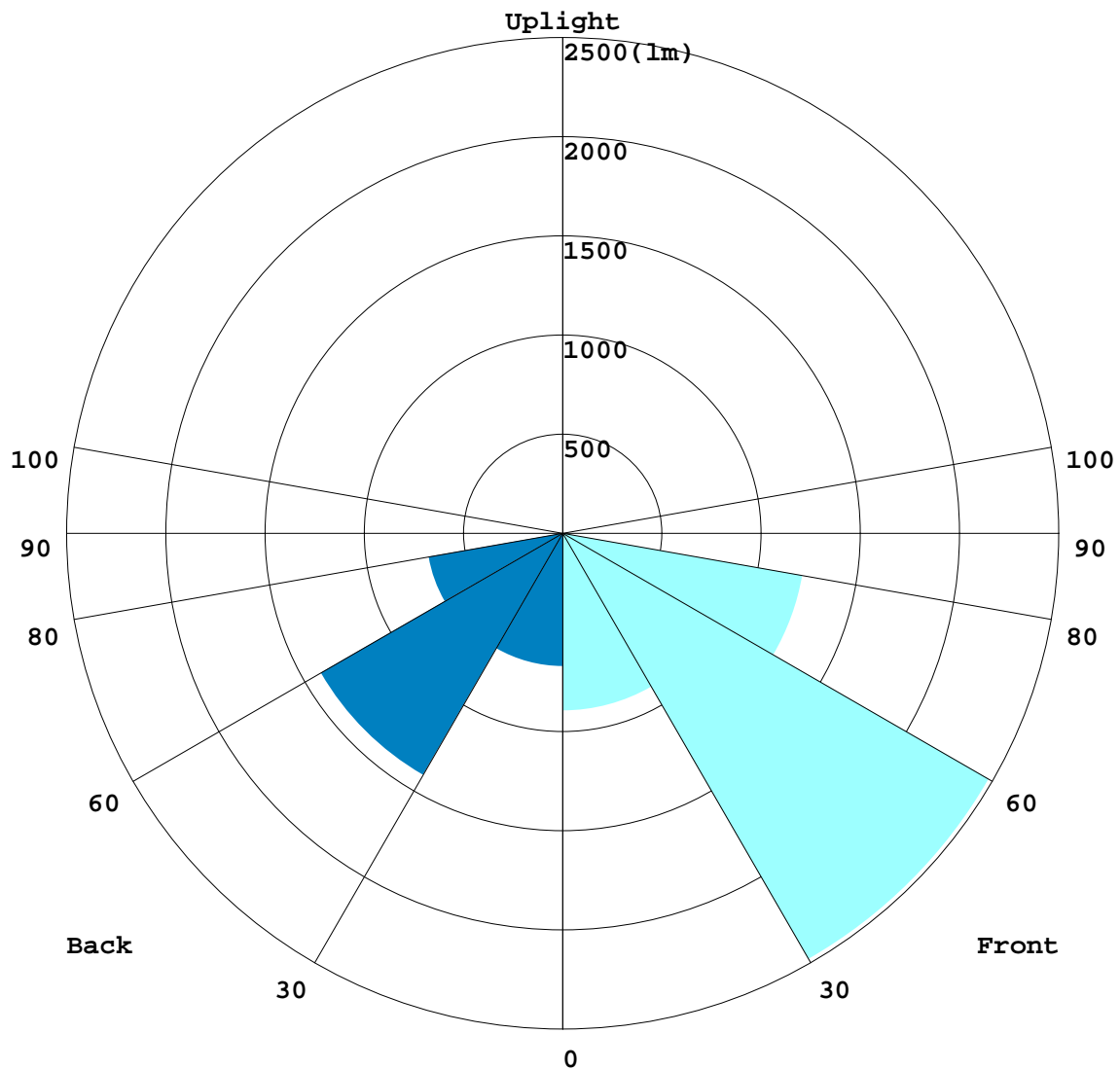
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-12

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:0.2304A P:49.94W PF:0.9894 Freq:50.01Hz Lamp Flux:7396.36x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	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:2024-12-12

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:0.2304A P:49.94W PF:0.9894 Freq:50.01Hz Lamp Flux:7396.36x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	894.39	12.1
FM - Front-Medium(30-60)	2479.3	33.5
FH - Front-High(60-80)	1226.8	16.6
FVH - Front-Very High(80-90)	17.413	0.2
Total Forward Light	4617.9	62.4

BL - Back-Low(0-30)	670.53	9.1
BM - Back-Medium(30-60)	1407.4	19.0
BH - Back-High(60-80)	686.36	9.3
BVH - Back-Very High(80-90)	14.154	0.2
Total Back Light	2778.5	37.6

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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2778.5	0	2778.5
Street Side	4617.9	0	4617.9

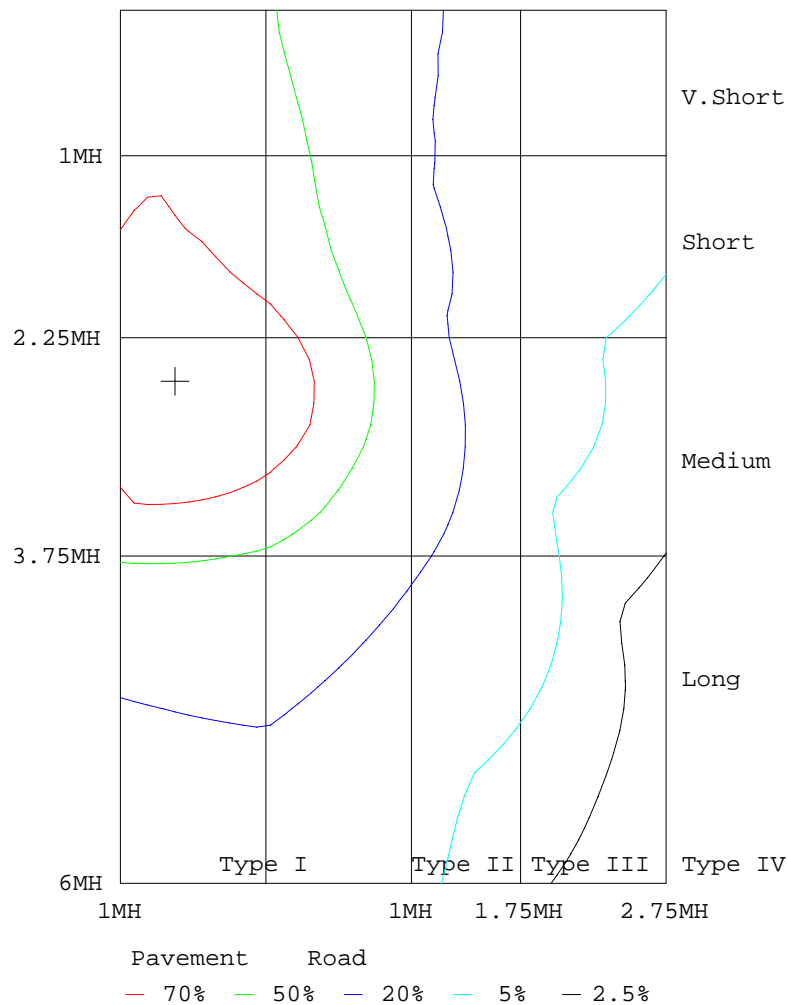
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-12

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:0.2304A P:49.94W PF:0.9894 Freq:50.01Hz Lamp Flux:7396.36x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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:0.2304A P:49.94W PF:0.9894 Freq:50.01Hz Lamp Flux:7396.36x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909
5	1915	1942	1968	1988	2001	2013	2014	2013	2000	1986	1965	1940	1911	1881	1851	1824	1801	1786	1782
10	1933	1984	2025	2057	2076	2090	2093	2089	2072	2052	2020	1976	1927	1867	1801	1736	1680	1642	1630
15	1954	2027	2080	2118	2136	2148	2150	2147	2131	2110	2073	2018	1947	1862	1758	1651	1556	1493	1473
20	1977	2067	2128	2170	2184	2191	2188	2187	2174	2157	2117	2056	1973	1861	1717	1566	1433	1339	1307
25	1996	2101	2170	2213	2226	2225	2218	2219	2209	2197	2156	2093	2002	1865	1681	1479	1299	1175	1142
30	2015	2136	2213	2259	2264	2249	2231	2238	2240	2230	2193	2125	2025	1860	1640	1391	1172	1074	1057
35	2029	2169	2258	2309	2292	2251	2212	2232	2262	2270	2228	2157	2045	1861	1597	1292	1060	1004	995
40	2048	2203	2313	2362	2297	2202	2144	2181	2257	2316	2277	2194	2062	1858	1546	1180	971	936	931
45	2075	2252	2393	2408	2251	2076	1991	2058	2207	2360	2357	2232	2075	1847	1479	1061	888	859	860
50	2113	2333	2506	2437	2104	1830	1715	1813	2056	2380	2463	2291	2096	1826	1392	947	801	744	740
55	2197	2493	2671	2376	1781	1449	1338	1445	1748	2320	2613	2423	2154	1807	1276	822	667	647	653
60	2410	2819	2874	2098	1276	957	873	977	1270	2048	2791	2705	2317	1810	1123	651	559	562	576
65	2940	3433	2899	1564	681	596	566	619	720	1525	2803	3258	2807	1893	905	500	444	461	481
70	2987	3589	2082	475	276	297	269	309	328	554	2161	3685	3195	1854	578	289	294	342	355
75	1286	1595	588	136	101	106	111	112	115	157	853	2178	1732	958	227	131	130	176	186
80	279	274	98.1	53.1	44.5	46.7	45.4	50.6	50.8	63.7	117	380	466	148	59.5	52.7	51.4	51.5	51.2
85	17.4	21.9	14.1	11.0	9.49	10.4	9.64	12.1	12.9	16.5	20.7	39.8	52.5	20.1	14.0	12.6	13.6	11.7	11.3
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:2024-12-12

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:0.2304A P:49.94W PF:0.9894 Freq:50.01Hz Lamp Flux:7396.36x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1909	1909	1909	1909	1909														
5	1785	1800	1823	1853	1887														
10	1640	1678	1735	1804	1876														
15	1490	1553	1647	1760	1871														
20	1331	1422	1556	1714	1864														
25	1175	1291	1467	1667	1858														
30	1065	1161	1374	1623	1852														
35	991	1041	1263	1570	1849														
40	924	948	1142	1505	1841														
45	858	866	1018	1426	1825														
50	745	785	897	1328	1806														
55	661	666	771	1198	1790														
60	574	566	609	1024	1798														
65	467	441	472	781	1833														
70	332	280	250	453	1540														
75	165	117	111	139	544														
80	47.8	43.8	41.3	42.9	64.3														
85	10.2	10.2	8.25	8.34	11.4														
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:2024-12-12

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: