

```

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

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1516	1517	1513	1511	1513	1508	1508	1514	0- 10	1453	1453	7.27,7.27
20	1409	1403	1380	1385	1398	1392	1385	1392	10- 20	4158	5610	28.1,28.1
30	955.1	927.5	906.6	925.7	954.2	961.8	949.4	932.9	20- 30	5473	11083	55.4,55.4
40	418.7	436.0	449.6	457.2	451.8	435.6	457.2	444.8	30- 40	4161	15244	76.2,76.2
50	202.3	217.3	217.5	223.3	215.7	207.8	210.4	207.3	40- 50	2378	17622	88.1,88.1
60	100.1	108.8	107.8	112.1	107.6	105.0	103.6	101.3	50- 60	1374	18996	95,95
70	40.08	44.76	43.62	46.96	43.86	42.96	41.28	40.43	60- 70	697.6	19694	98.5,98.5
80	11.30	12.51	14.39	15.71	13.85	12.75	11.50	9.908	70- 80	261.6	19955	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	40.83	19996	100,100
100	0	0	0	0	0	0	0	0	90-100	0	19996	100,100
110	0	0	0	0	0	0	0	0	100-110	0	19996	100,100
120	0	0	0	0	0	0	0	0	110-120	0	19996	100,100
130	0	0	0	0	0	0	0	0	120-130	0	19996	100,100
140	0	0	0	0	0	0	0	0	130-140	0	19996	100,100
150	0	0	0	0	0	0	0	0	140-150	0	19996	100,100
160	0	0	0	0	0	0	0	0	150-160	0	19996	100,100
170	0	0	0	0	0	0	0	0	160-170	0	19996	100,100
180	0	0	0	0	0	0	0	0	170-180	0	19996	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 16598 lm

%lum = 83.0%

%lamp = 83.0%

Conical surface Flux(120deg): 18996 lm

%lum = 95.0%

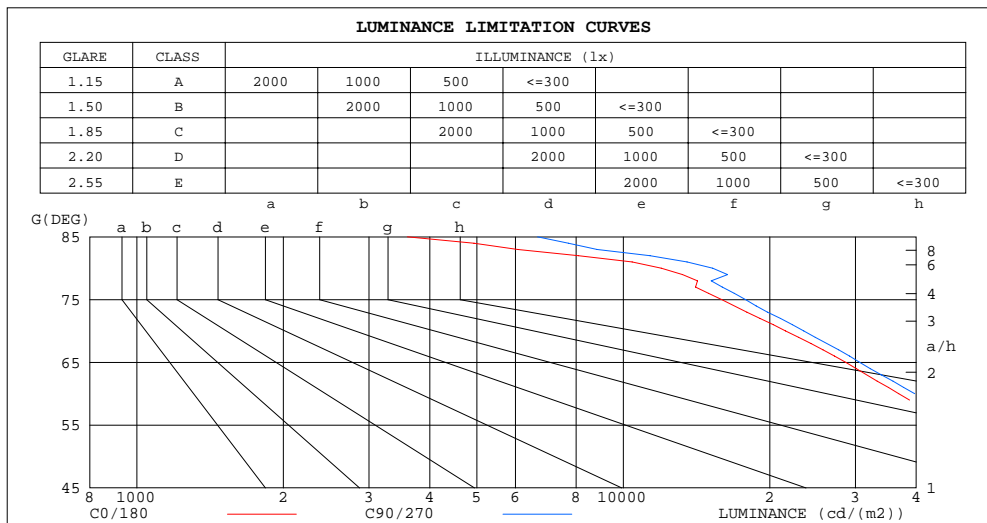
%lamp = 95.0%

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-10-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:219.4V I:0.5611A P:120.6W PF:0.9797 Freq:50.01Hz Lamp Flux:19995.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: $\phi$ 263mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3598	6660
80	11970	15263
75	15925	17833
70	21554	23486
65	28643	30611
60	36828	39713
55	46666	50040
50	57875	62309
45	73899	80091

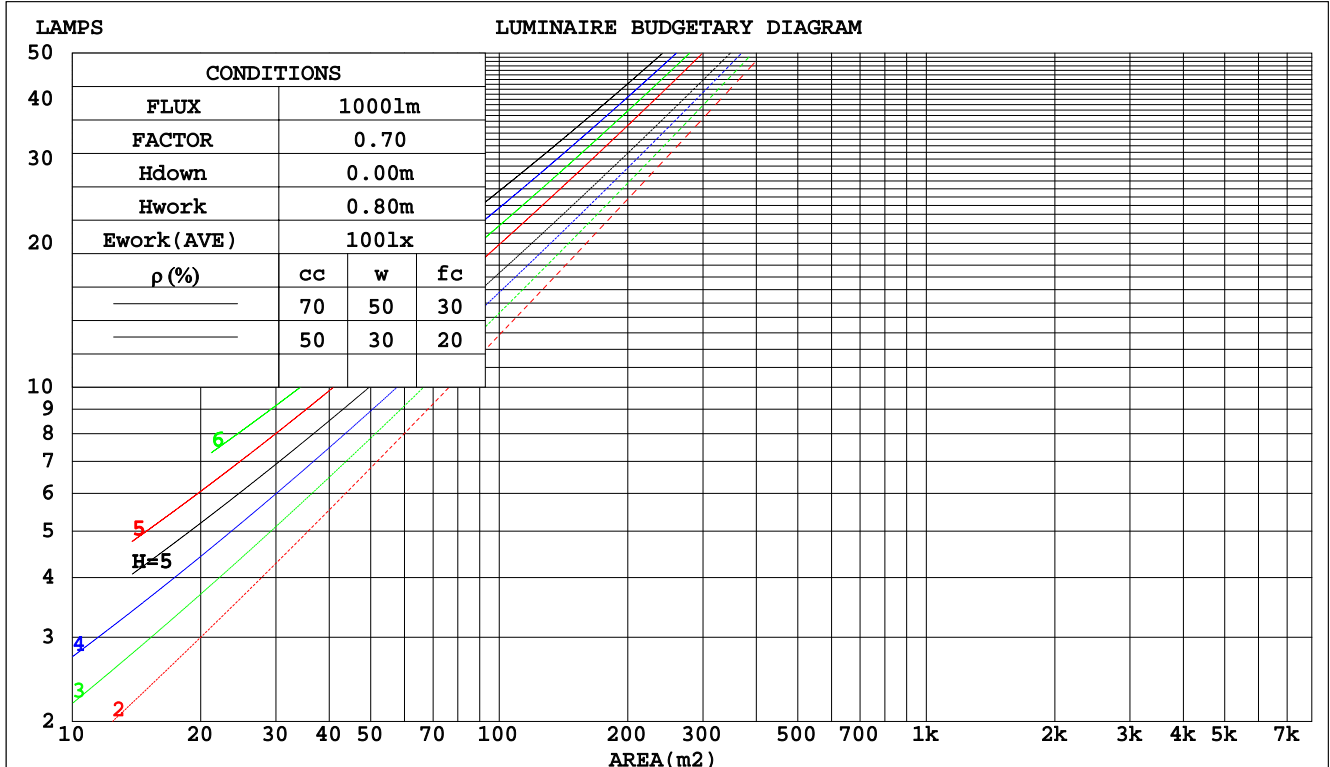
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-10-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.4V I:0.5611A P:120.6W PF:0.9797 Freq:50.01Hz Lamp Flux:19995.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: $\phi$ 263mm	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.09	1.06	1.03	1.07	1.04	1.02	1.03	1.00	.98	.99	.97	.96	.95	.94	.93	.91
2.0	.99	.95	.91	.98	.93	.89	.94	.91	.87	.91	.88	.86	.88	.86	.84	.82
3.0	.91	.85	.80	.90	.84	.80	.87	.82	.78	.84	.80	.77	.82	.79	.76	.74
4.0	.84	.77	.72	.82	.76	.72	.80	.75	.71	.78	.73	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.72	.67	.64	.71	.66	.63	.61
6.0	.71	.64	.59	.71	.64	.59	.69	.63	.59	.67	.62	.58	.66	.61	.58	.56
7.0	.66	.59	.54	.66	.59	.54	.64	.58	.54	.63	.58	.54	.62	.57	.53	.52
8.0	.62	.55	.50	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.48
9.0	.58	.51	.46	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44
10.0	.54	.48	.43	.54	.47	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2024-10-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity: 65.0%  
Test Distance: 7.682m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:219.4V I:0.5611A P:120.6W PF:0.9797 Freq:50.01Hz Lamp Flux:19995.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: $\phi$ 263mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.213	.121	.038	.206	.118	.037	.193	.111	.035	.182	.105	.034	.171	.099	.032	
2.0	.206	.113	.035	.200	.110	.034	.189	.105	.033	.179	.100	.031	.169	.096	.030	
3.0	.195	.104	.031	.190	.102	.031	.181	.098	.030	.172	.094	.029	.164	.091	.028	
4.0	.185	.096	.028	.181	.095	.028	.172	.091	.027	.165	.088	.027	.158	.086	.026	
5.0	.175	.089	.026	.171	.088	.026	.164	.085	.025	.157	.083	.025	.151	.081	.024	
6.0	.166	.083	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023	.144	.076	.023	
7.0	.157	.078	.022	.154	.077	.022	.148	.075	.022	.143	.073	.021	.138	.072	.021	
8.0	.149	.073	.020	.146	.072	.020	.141	.071	.020	.137	.069	.020	.132	.068	.020	
9.0	.142	.069	.019	.139	.068	.019	.135	.067	.019	.131	.065	.019	.126	.064	.019	
10.0	.135	.065	.018	.133	.064	.018	.129	.063	.018	.125	.062	.018	.121	.061	.017	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.174	.157	.142	.149	.135	.122	.102	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.161	.132	.108	.138	.114	.094	.094	.079	.065	.054	.046	.038	.017	.015	.012	
3.0	.150	.114	.085	.129	.098	.074	.088	.068	.052	.051	.040	.030	.016	.013	.010	
4.0	.141	.100	.068	.121	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.133	.088	.055	.114	.076	.048	.079	.053	.034	.046	.031	.020	.015	.010	.007	
6.0	.126	.079	.046	.108	.069	.040	.075	.048	.028	.043	.028	.017	.014	.009	.006	
7.0	.120	.072	.039	.103	.063	.034	.071	.044	.024	.041	.026	.014	.013	.008	.005	
8.0	.114	.066	.033	.098	.057	.029	.068	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.109	.061	.029	.094	.053	.025	.065	.037	.018	.038	.022	.011	.012	.007	.004	
10.0	.104	.057	.026	.089	.049	.022	.062	.035	.016	.036	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-10-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.4V I:0.5611A P:120.6W PF:0.9797 Freq:50.01Hz Lamp Flux:19995.9x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-120WHBE-NV-L2-00-3080-60D-P					DIM.:			SERIAL No.:		
MFR.: AOK					SUR.: $\phi$ 263mm			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	24.5	25.7	24.8	25.9	26.0	24.7	25.8	24.9	26.0	26.2
3H	24.8	25.9	25.1	26.1	26.3	25.0	26.1	25.3	26.3	26.5
4H	24.9	25.9	25.2	26.1	26.3	25.1	26.1	25.4	26.3	26.5
6H	24.9	25.8	25.2	26.0	26.3	25.1	26.0	25.4	26.3	26.5
8H	24.8	25.7	25.2	26.0	26.3	25.1	26.0	25.4	26.2	26.5
12H	24.8	25.7	25.1	25.9	26.2	25.0	25.9	25.4	26.2	26.5
4H 2H	24.7	25.7	25.0	25.9	26.1	24.8	25.8	25.1	26.0	26.2
3H	25.1	25.9	25.4	26.2	26.5	25.2	26.1	25.6	26.4	26.6
4H	25.2	25.9	25.5	26.2	26.6	25.3	26.1	25.7	26.4	26.7
6H	25.2	25.9	25.6	26.2	26.6	25.4	26.1	25.8	26.4	26.8
8H	25.2	25.8	25.6	26.2	26.5	25.4	26.0	25.8	26.4	26.8
12H	25.1	25.7	25.5	26.1	26.5	25.4	26.0	25.8	26.3	26.7
8H 4H	25.1	25.8	25.5	26.1	26.5	25.3	25.9	25.7	26.3	26.7
6H	25.2	25.7	25.6	26.1	26.5	25.4	25.9	25.8	26.3	26.7
8H	25.2	25.6	25.6	26.1	26.5	25.4	25.9	25.9	26.3	26.7
12H	25.2	25.5	25.6	26.0	26.5	25.4	25.8	25.9	26.2	26.7
12H 4H	25.1	25.7	25.5	26.0	26.4	25.3	25.9	25.7	26.2	26.6
6H	25.2	25.6	25.6	26.0	26.5	25.4	25.8	25.8	26.3	26.7
8H	25.2	25.6	25.6	26.0	26.5	25.4	25.8	25.9	26.2	26.7
Variations with the observer position at spacings:										
S = 1.0H	+ 1.0 / - 1.5					+ 1.0 / - 1.4				
1.5H	+ 1.3 / - 1.0					+ 1.4 / - 0.9				
2.0H	+ 1.8 / - 1.5					+ 1.8 / - 1.7				

CIE Pub.117, 19996 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 10.4$ )

C Range: 0 - 360DEG  
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 Temperature:25.3DEG  
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 Test Date:2024-10-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
 Humidity:65.0%  
 Test Distance:7.682m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:219.4V I:0.5611A P:120.6W PF:0.9797 Freq:50.01Hz Lamp Flux:19995.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: $\Phi$ 263mm	Shielding Angle:

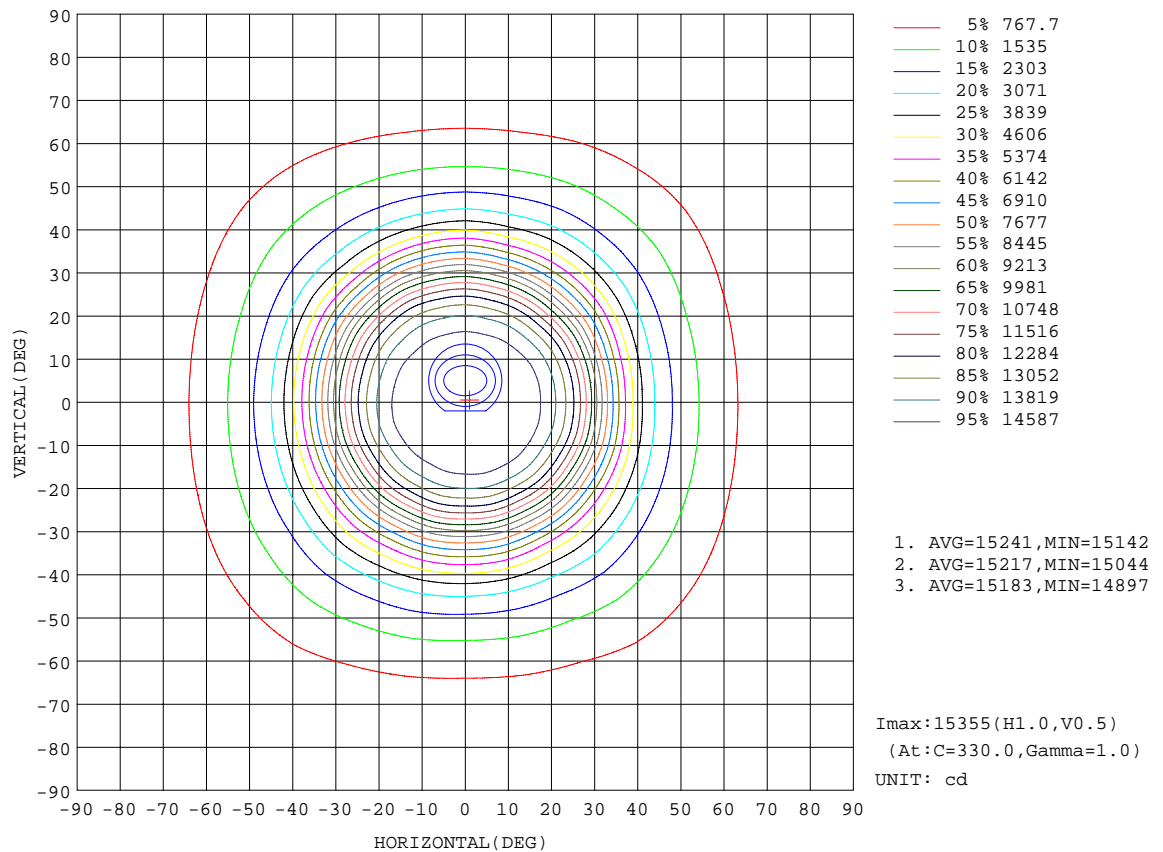
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	68	63	76	68	63	75	68	63	58
0.80	85	77	72	85	77	72	83	76	72	67
1.00	92	84	79	91	84	79	89	84	79	74
1.25	97	90	85	96	89	85	94	88	84	79
1.50	100	94	90	99	93	89	97	92	88	83
2.00	105	99	95	103	98	94	100	96	93	87
2.50	107	102	98	105	101	97	102	98	95	89
3.00	109	105	101	107	103	100	104	100	98	91
4.00	112	108	105	109	106	104	106	103	101	93
5.00	113	110	108	111	108	106	107	105	103	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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 $\gamma$  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:219.4V I:0.5611A P:120.6W PF:0.9797 Freq:50.01Hz Lamp Flux:19995.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: $\phi$ 263mm	Shielding Angle:



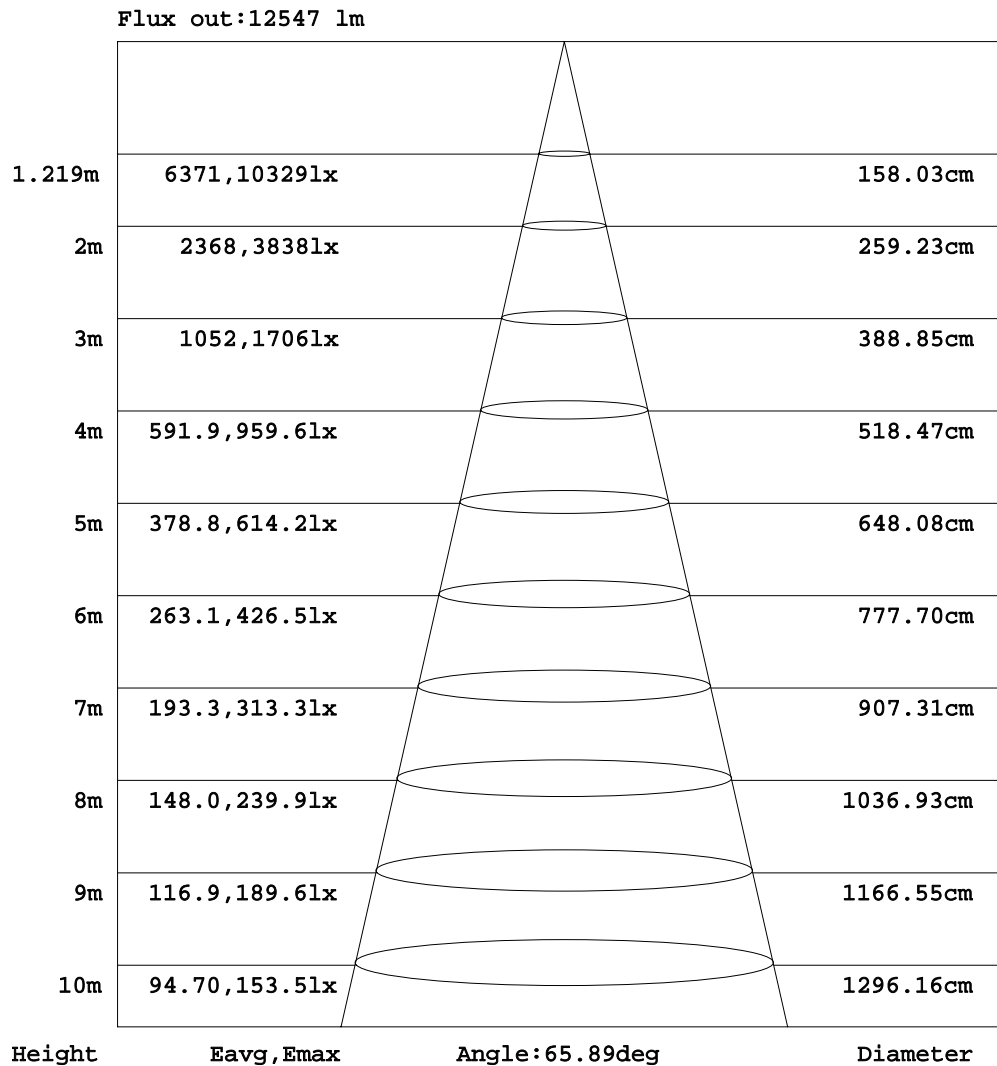
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
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Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:219.4V I:0.5611A P:120.6W PF:0.9797 Freq:50.01Hz Lamp Flux:19995.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: $\Phi$ 263mm	Shielding Angle:



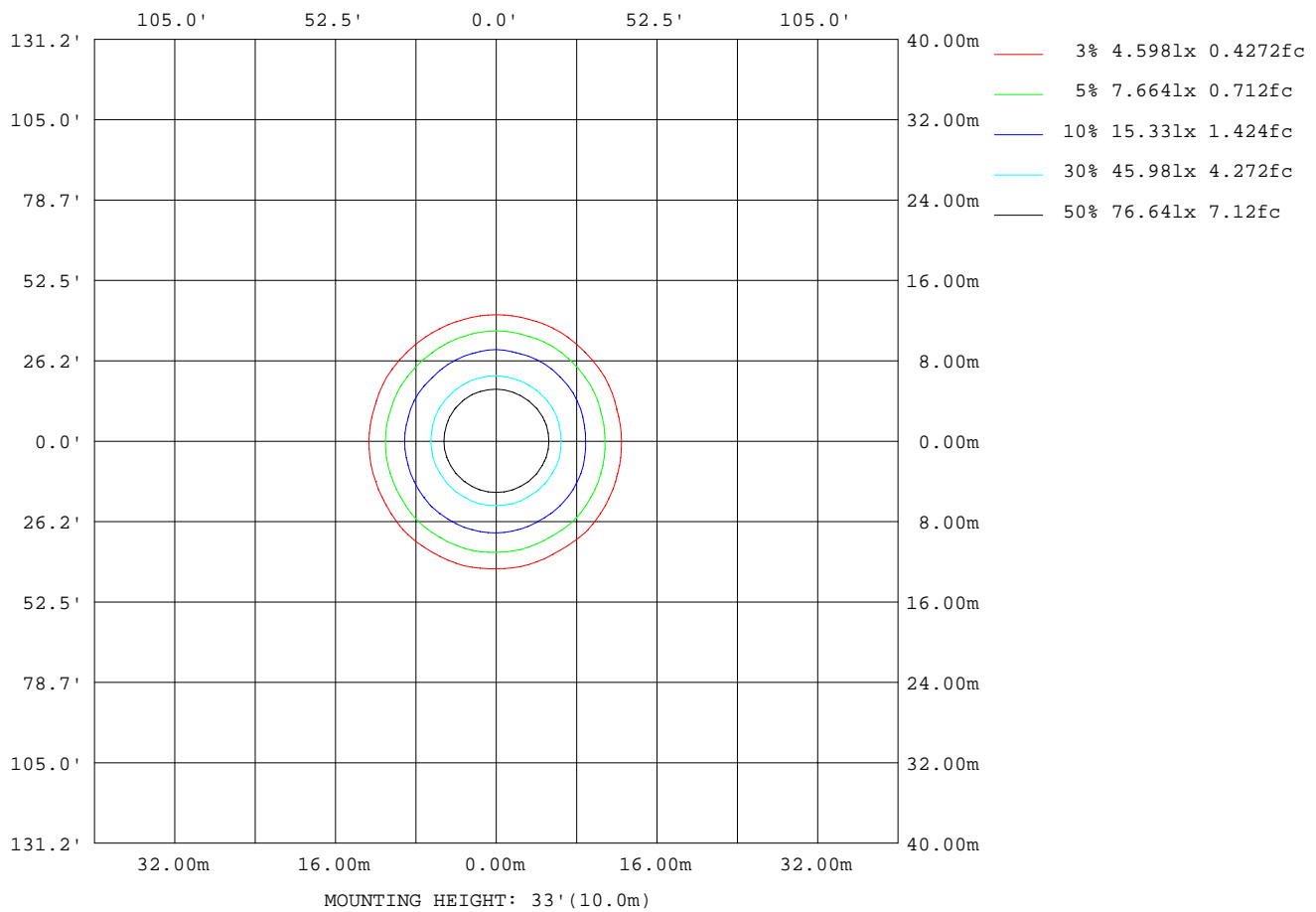
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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Temperature:25.3DEG  
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Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:219.4V I:0.5611A P:120.6W PF:0.9797 Freq:50.01Hz Lamp Flux:19995.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: $\Phi$ 263mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2024-10-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity: 65.0%  
Test Distance: 7.682m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:219.4V I:0.5611A P:120.6W PF:0.9797 Freq:50.01Hz Lamp Flux:19995.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: $\Phi$ 263mm	Shielding Angle:

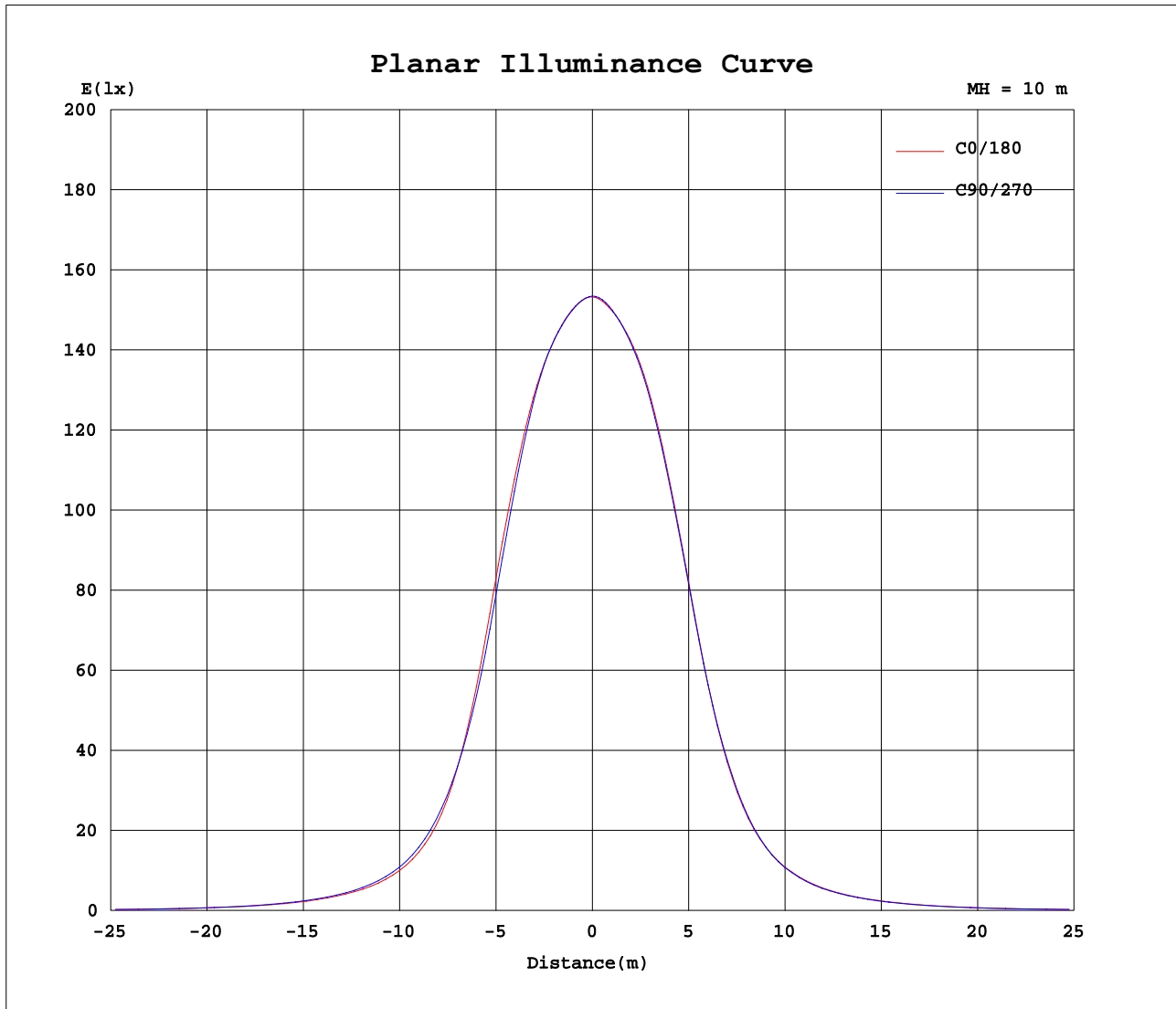
AvgL	cd/m2
L_0~180 (65) av	29757
L_0~180 (75) av	16938
L_0~180 (85) av	5176
L_90~270 (65) av	29997
L_90~270 (75) av	17000
L_90~270 (85) av	5301
L_45 (65) av	30781
L_45 (75) av	17571
L_45 (85) av	6939

Standard: GB/T 29293-2012

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Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-10-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: 2024-10-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:219.4V I:0.5611A P:120.6W PF:0.9797 Freq:50.01Hz Lamp Flux:19995.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: $\Phi$ 263mm	Shielding Angle:

Table--1

UNIT:  $\times 10\text{cd}$ 

C (DEG) $\gamma$ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1534	1534	1534	1534	1534	1534	1534	1534	1534	1534	1534	1534	1534	1534	1534	1534	1534	1534	1534
5	1529	1529	1528	1528	1527	1527	1525	1525	1524	1525	1524	1525	1524	1524	1525	1524	1525	1525	1526
10	1516	1517	1516	1517	1516	1515	1513	1512	1511	1511	1512	1514	1513	1512	1511	1508	1508	1507	1508
15	1489	1492	1491	1492	1488	1487	1482	1481	1478	1481	1482	1487	1486	1483	1482	1477	1477	1475	1476
20	1409	1412	1404	1403	1392	1390	1380	1382	1377	1385	1386	1397	1398	1395	1397	1392	1393	1385	1385
25	1239	1241	1220	1216	1196	1197	1184	1194	1189	1200	1202	1218	1222	1218	1230	1226	1230	1213	1211
30	955	957	930	928	908	916	907	918	911	926	925	947	954	954	971	962	967	950	949
35	650	665	648	644	638	655	653	659	649	662	661	669	675	681	688	671	680	682	684
40	419	434	437	436	429	446	450	454	448	457	449	448	452	454	459	436	442	450	457
45	284	294	299	305	296	304	308	314	311	316	306	305	306	302	303	293	295	298	303
50	202	206	212	217	210	216	218	223	221	223	215	216	216	211	213	208	208	208	210
55	146	148	152	156	151	156	156	161	159	161	155	155	155	152	154	151	149	150	150
60	100	102	104	109	104	108	108	111	111	112	107	108	108	105	107	105	104	103	104
65	65.8	66.8	68.6	72.3	68.9	71.1	70.3	72.5	72.3	74.8	71.1	71.0	70.8	68.9	70.4	69.6	68.4	66.6	67.5
70	40.1	40.9	41.8	44.8	42.6	43.8	43.6	44.5	44.6	47.0	44.4	44.1	43.9	42.7	43.5	43.0	42.0	40.3	41.3
75	22.4	22.8	22.5	25.2	23.0	25.0	25.1	25.4	24.6	27.6	25.0	25.5	25.2	24.2	23.9	23.6	22.6	22.0	22.7
80	11.3	10.6	9.99	12.5	10.4	13.5	14.4	14.2	13.3	15.7	13.1	13.7	13.8	12.7	10.9	12.8	11.0	11.4	11.5
85	1.71	2.02	2.60	3.26	3.13	3.19	3.15	3.57	4.10	4.67	3.97	3.36	3.20	2.50	3.09	2.98	2.74	1.85	1.87
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: 2024-10-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:219.4V I:0.5611A P:120.6W PF:0.9797 Freq:50.01Hz Lamp Flux:19995.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:

Table--2

UNIT: ×10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1534	1534	1534	1534	1534														
5	1526	1528	1528	1529	1529														
10	1509	1512	1514	1516	1516														
15	1475	1480	1483	1489	1490														
20	1380	1388	1392	1405	1408														
25	1199	1207	1207	1232	1235														
30	931	934	933	955	956														
35	658	661	663	673	653														
40	439	444	445	439	425														
45	296	302	297	297	286														
50	209	212	207	208	201														
55	149	151	147	149	143														
60	102	104	101	102	98.0														
65	66.3	67.7	65.9	66.5	64.0														
70	40.0	41.2	40.4	40.0	38.8														
75	22.1	22.2	22.4	21.4	21.5														
80	10.4	9.34	9.91	8.85	9.95														
85	1.86	2.30	2.23	2.20	1.76														
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:2024-10-26

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: