

```

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.633m [K=1.0000]
Remarks:

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ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2260	2277	2264	2277	2260	2277	2264	2277	0- 10	2150	2150	5.46, 5.46
20	2479	2474	2486	2474	2479	2474	2486	2474	10- 20	6806	8956	22.7, 22.7
30	2300	2297	2252	2297	2300	2297	2252	2297	20- 30	11250	20206	51.3, 51.3
40	1418	1385	1350	1385	1418	1385	1350	1385	30- 40	11541	31747	80.6, 80.6
50	271.5	229.4	267.5	229.4	271.5	229.4	267.5	229.4	40- 50	6514	38261	97.2, 97.2
60	31.81	30.27	29.49	30.27	31.81	30.27	29.49	30.27	50- 60	668.4	38929	98.9, 98.9
70	18.43	17.99	17.89	17.99	18.43	17.99	17.89	17.99	60- 70	228.2	39157	99.5, 99.5
80	9.684	9.499	9.423	9.499	9.684	9.499	9.423	9.499	70- 80	144.9	39302	99.8, 99.8
90	0	0	0	0	0	0	0	0	80- 90	63.94	39366	100, 100
100	0	0	0	0	0	0	0	0	90-100	0	39366	100, 100
110	0	0	0	0	0	0	0	0	100-110	0	39366	100, 100
120	0	0	0	0	0	0	0	0	110-120	0	39366	100, 100
130	0	0	0	0	0	0	0	0	120-130	0	39366	100, 100
140	0	0	0	0	0	0	0	0	130-140	0	39366	100, 100
150	0	0	0	0	0	0	0	0	140-150	0	39366	100, 100
160	0	0	0	0	0	0	0	0	150-160	0	39366	100, 100
170	0	0	0	0	0	0	0	0	160-170	0	39366	100, 100
180	0	0	0	0	0	0	0	0	170-180	0	39366	100, 100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT: lm		

Conical surface Flux(90deg): 36002 lm

%lum = 91.5%

%lamp = 91.5%

Conical surface Flux(120deg): 38929 lm

%lum = 98.9%

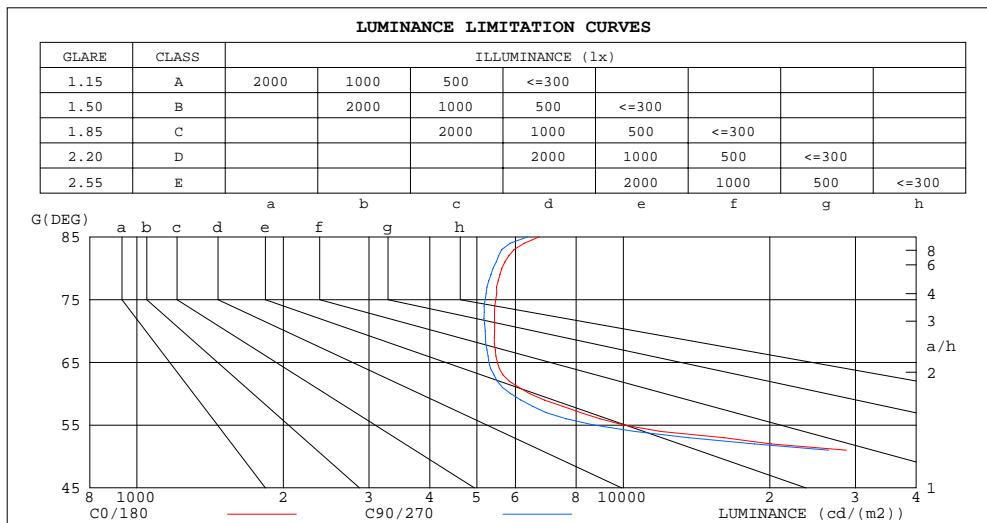
%lamp = 98.9%

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.633m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.0V I:1.137A P:240.1W PF:0.9798 Freq:49.99Hz Lamp Flux:39366.1x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-90D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6719	6362
80	5629	5395
75	5466	5200
70	5440	5202
65	5510	5294
60	6421	5864
55	10028	8708
50	42622	41376
45	132602	126931

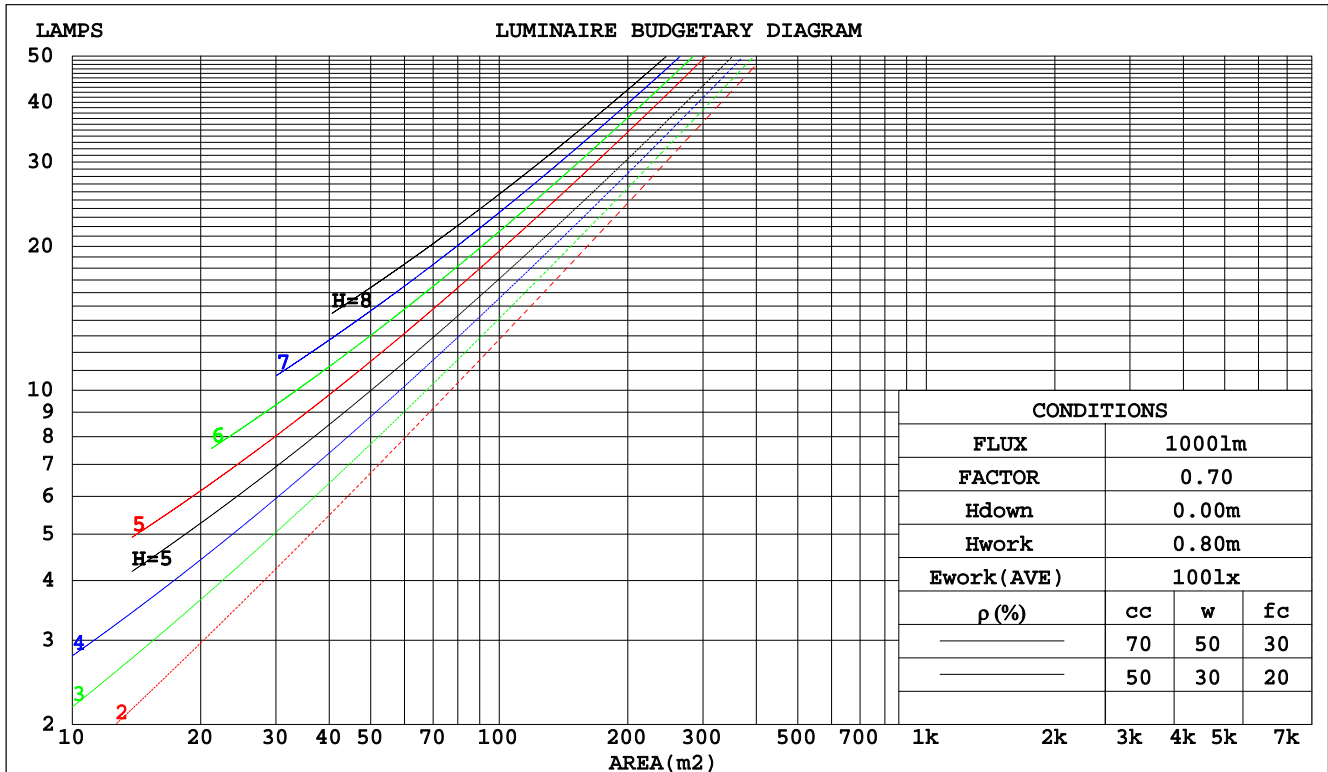
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.633m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:1.137A P:240.1W PF:0.9798 Freq:49.99Hz Lamp Flux:39366.1x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-90D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	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						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	1.10	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.94	.92
2.0	1.00	.96	.92	.99	.94	.91	.95	.92	.89	.92	.89	.87	.90	.87	.85	.83
3.0	.92	.86	.82	.91	.85	.81	.88	.84	.80	.86	.82	.79	.83	.80	.77	.76
4.0	.85	.78	.73	.84	.78	.73	.81	.76	.72	.79	.75	.71	.77	.74	.70	.69
5.0	.78	.71	.66	.77	.71	.66	.75	.70	.65	.73	.69	.65	.72	.68	.64	.63
6.0	.72	.65	.60	.71	.65	.60	.70	.64	.59	.68	.63	.59	.67	.62	.59	.57
7.0	.67	.60	.55	.66	.59	.55	.64	.59	.54	.63	.58	.54	.62	.57	.54	.52
8.0	.62	.55	.50	.61	.55	.50	.60	.54	.50	.59	.53	.49	.58	.53	.49	.48
9.0	.57	.51	.46	.57	.50	.46	.56	.50	.46	.55	.49	.46	.54	.49	.45	.44
10.0	.53	.47	.42	.53	.47	.42	.52	.46	.42	.51	.46	.42	.50	.45	.42	.40



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.633m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.0V I:1.137A P:240.1W PF:0.9798 Freq:49.99Hz Lamp Flux:39366.1x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-90D-PC	DIM.: ϕ 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.: ϕ 0.29M	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.202	.115	.036	.195	.111	.035	.182	.105	.033	.171	.098	.032	.160	.093	.030	
2.0	.196	.107	.033	.190	.105	.032	.179	.100	.031	.169	.095	.030	.160	.090	.029	
3.0	.188	.100	.030	.183	.098	.029	.173	.094	.029	.165	.090	.028	.157	.087	.027	
4.0	.180	.093	.027	.175	.092	.027	.167	.089	.026	.159	.086	.026	.152	.083	.025	
5.0	.171	.087	.025	.168	.086	.025	.160	.084	.025	.154	.081	.024	.147	.079	.024	
6.0	.164	.082	.023	.160	.081	.023	.154	.079	.023	.148	.077	.023	.142	.075	.022	
7.0	.156	.077	.022	.153	.076	.022	.148	.075	.021	.142	.073	.021	.137	.071	.021	
8.0	.149	.073	.021	.147	.072	.020	.142	.071	.020	.137	.069	.020	.132	.068	.020	
9.0	.143	.069	.019	.140	.068	.019	.136	.067	.019	.131	.066	.019	.127	.065	.019	
10.0	.137	.066	.018	.134	.065	.018	.130	.064	.018	.126	.063	.018	.123	.062	.018	

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.159	.132	.110	.137	.114	.095	.094	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.149	.114	.086	.127	.098	.074	.087	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.140	.099	.069	.120	.086	.060	.082	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.132	.088	.056	.113	.076	.049	.078	.053	.034	.045	.031	.020	.015	.010	.007	
6.0	.125	.079	.046	.108	.069	.040	.074	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.119	.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	.025	.090	.049	.022	.062	.035	.016	.036	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.633m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.0V I:1.137A P:240.1W PF:0.9798 Freq:49.99Hz Lamp Flux:39366.1x1 lm										
NAME: AOK-oH					TYPE:LED			WEIGHT:6.0KG		
SPEC.:AOK-240WoH-5050-90D-PC					DIM.: ϕ 0.4*0.141M			SERIAL No.:1		
MFR.: AOK					SUR.: ϕ 0.29M			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	12.7	13.9	13.0	14.0	14.2	12.4	13.5	12.6	13.7	13.9
3H	12.6	13.6	12.8	13.8	14.0	12.2	13.2	12.5	13.4	13.7
4H	12.5	13.5	12.8	13.7	13.9	12.1	13.1	12.4	13.3	13.6
6H	12.4	13.3	12.7	13.6	13.8	12.0	12.9	12.4	13.2	13.5
8H	12.4	13.2	12.7	13.5	13.8	12.0	12.9	12.3	13.1	13.4
12H	12.3	13.2	12.7	13.4	13.7	12.0	12.8	12.3	13.1	13.4
4H 2H	12.5	13.4	12.8	13.7	13.9	12.1	13.1	12.4	13.3	13.5
3H	12.3	13.1	12.6	13.4	13.7	12.0	12.8	12.3	13.1	13.3
4H	12.2	13.0	12.6	13.3	13.6	11.9	12.6	12.2	12.9	13.2
6H	12.2	12.8	12.5	13.2	13.5	11.8	12.5	12.2	12.8	13.1
8H	12.1	12.7	12.5	13.1	13.5	11.8	12.4	12.2	12.7	13.1
12H	12.1	12.6	12.5	13.0	13.4	11.7	12.3	12.2	12.7	13.1
8H 4H	12.1	12.7	12.5	13.1	13.4	11.7	12.4	12.1	12.7	13.1
6H	12.0	12.5	12.5	12.9	13.3	11.7	12.2	12.1	12.6	13.0
8H	12.0	12.4	12.5	12.9	13.3	11.7	12.1	12.1	12.5	13.0
12H	12.0	12.4	12.5	12.8	13.3	11.6	12.0	12.1	12.4	12.9
12H 4H	12.1	12.6	12.5	13.0	13.4	11.7	12.3	12.1	12.6	13.0
6H	12.0	12.4	12.4	12.9	13.3	11.6	12.1	12.1	12.5	12.9
8H	12.0	12.3	12.4	12.8	13.3	11.6	12.0	12.1	12.4	12.9
Variations with the observer position at spacings:										
S = 1.0H	+ 2.4 / -10.9					+ 2.6 / -11.0				
1.5H	+ 3.5 / -11.4					+ 3.4 / -11.4				
2.0H	+ 7.4 / - 8.6					+ 7.6 / - 8.4				

CIE Pub.117, 39366 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 12.8$)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.633m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.0V I:1.137A P:240.1W PF:0.9798 Freq:49.99Hz Lamp Flux:39366.1x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240WoH-5050-90D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

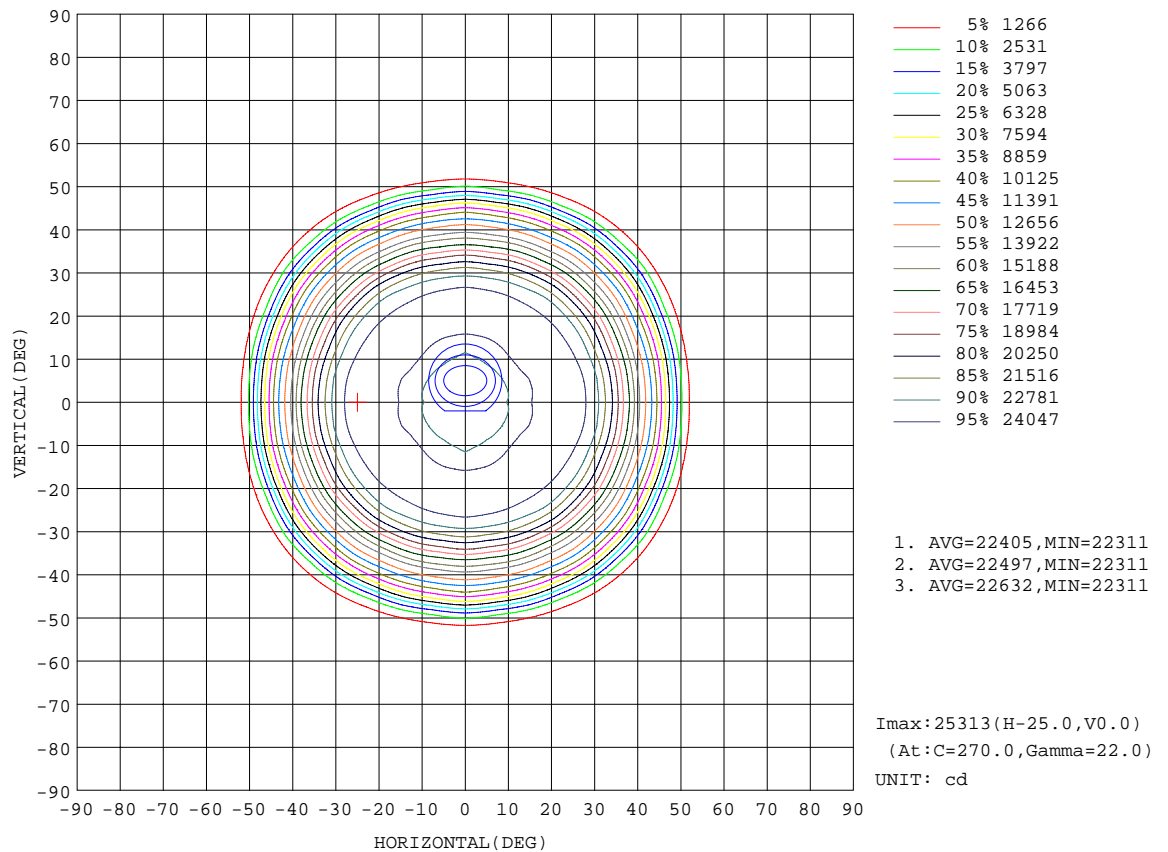
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	79	72	67	79	71	67	78	71	67	62
0.80	88	81	76	87	81	76	86	80	76	71
1.00	94	88	83	93	87	83	92	87	82	78
1.25	99	93	89	98	93	89	96	91	88	83
1.50	103	97	93	101	96	92	99	95	91	86
2.00	106	101	98	105	100	97	102	98	95	90
2.50	108	104	100	107	103	99	103	100	98	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	112	109	106	110	107	105	107	104	102	95
5.00	114	111	109	112	109	107	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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Temperature:25.3DEG
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.633m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.0V I:1.137A P:240.1W PF:0.9798 Freq:49.99Hz Lamp Flux:39366.1x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-90D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

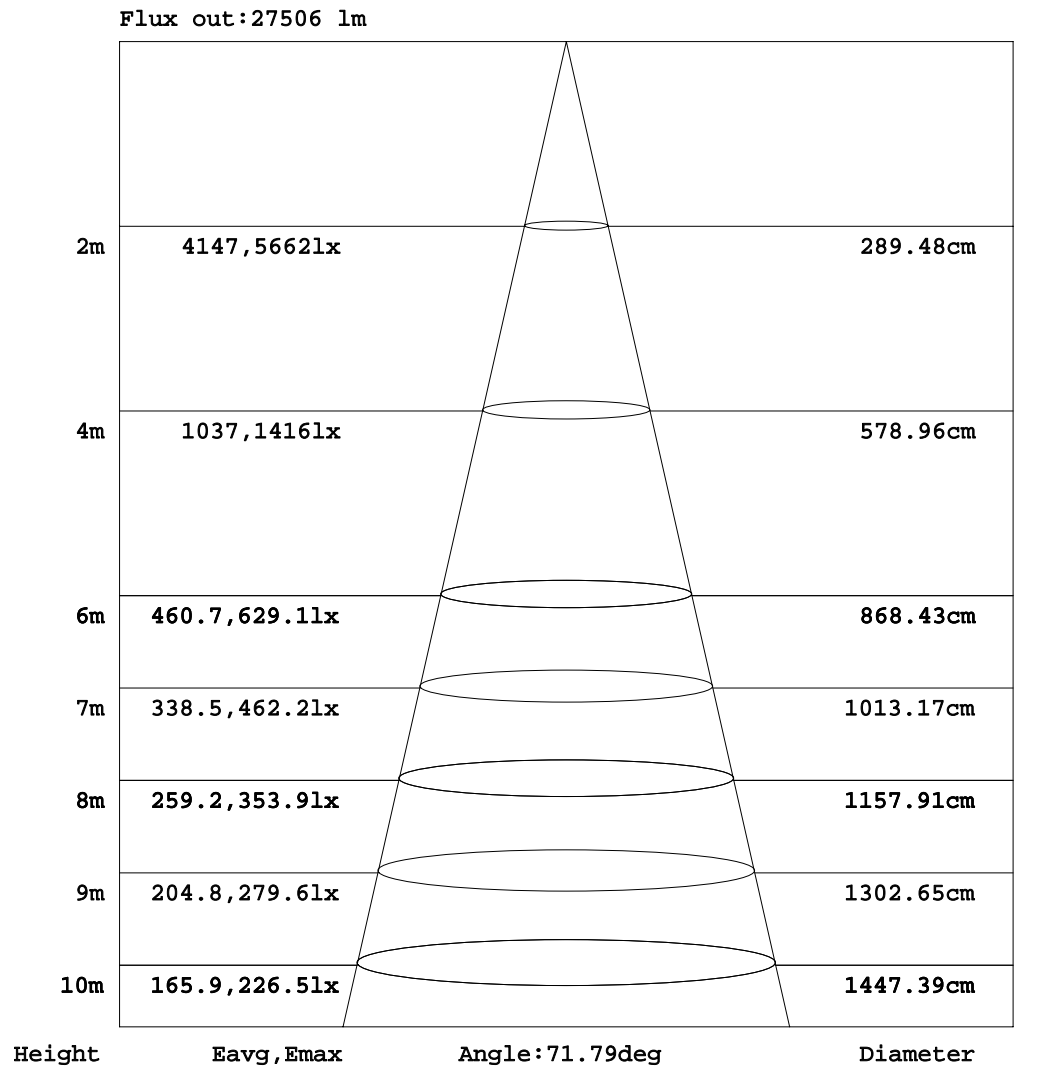


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
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Remarks:

AAI Figure

Test:U:220.0V I:1.137A P:240.1W PF:0.9798 Freq:49.99Hz Lamp Flux:39366.1x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-90D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:



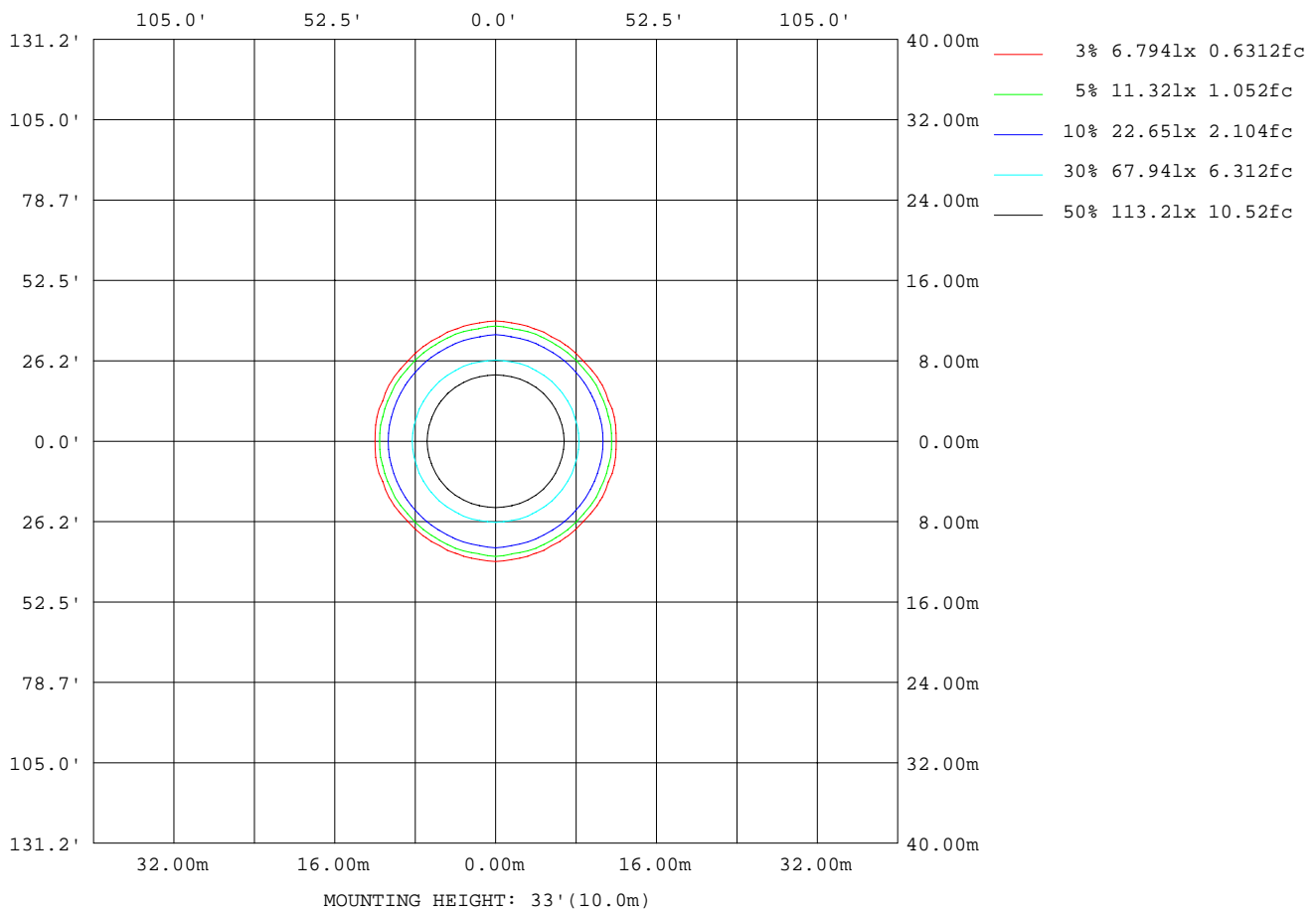
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
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 Remarks:

ISOLUX DIAGRAM

Test:U:220.0V I:1.137A P:240.1W PF:0.9798 Freq:49.99Hz Lamp Flux:39366.1x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-90D-PC	DIM.: $\Phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\Phi 0.29M$	Shielding Angle:



C Range: 0 - 360DEG
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Test Speed: HIGH
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Operators:
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
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Humidity: 65.0%
Test Distance: 7.633m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.0V I:1.137A P:240.1W PF:0.9798 Freq:49.99Hz Lamp Flux:39366.1x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-90D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

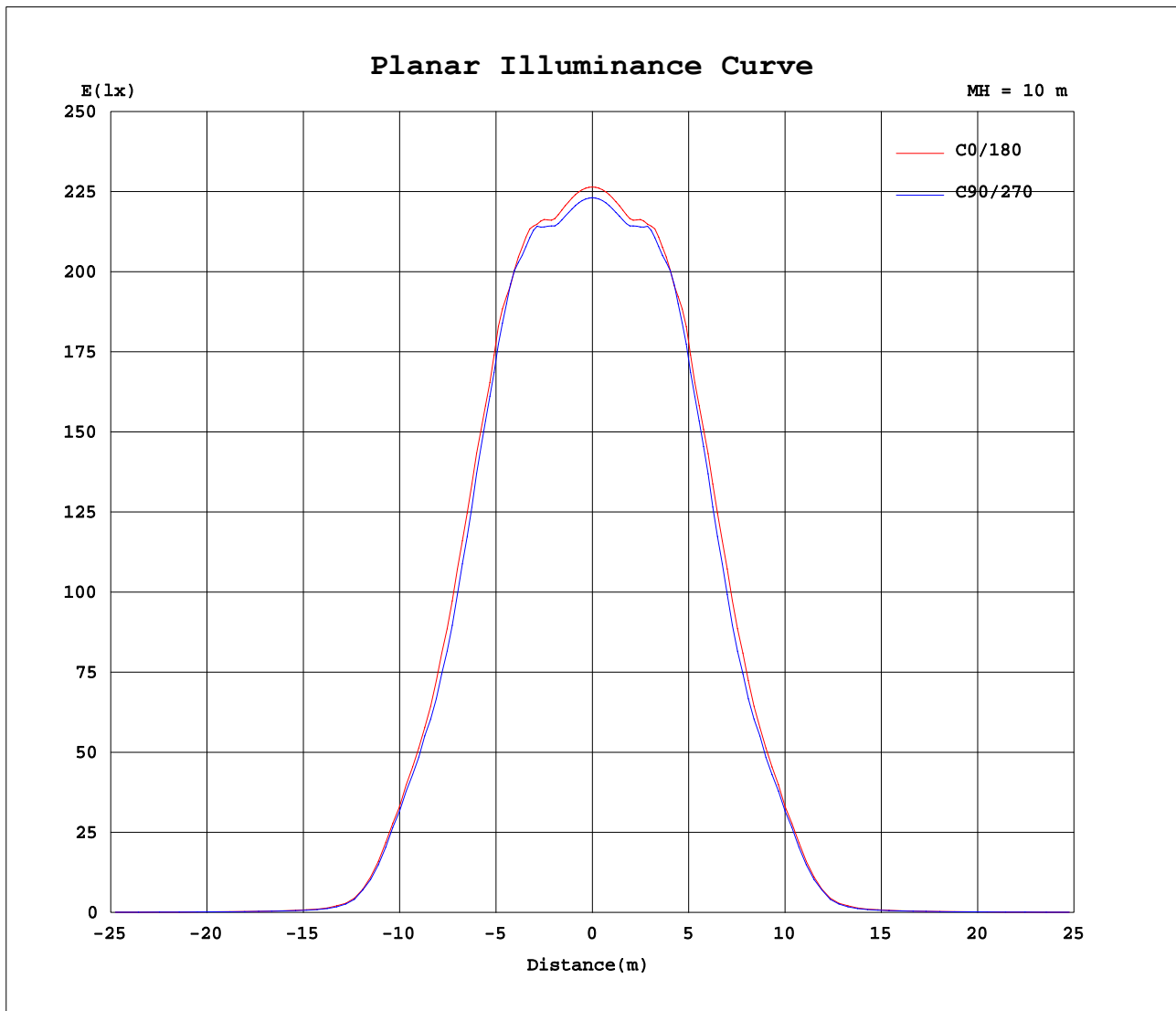
AvgL	cd/m2
L_0~180 (65) av	5459
L_0~180 (75) av	5416
L_0~180 (85) av	6657
L_90~270 (65) av	5324
L_90~270 (75) av	5230
L_90~270 (85) av	6399
L_45 (65) av	5329
L_45 (75) av	5299
L_45 (85) av	6458

Standard: GB/T 29293-2012

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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
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Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.633m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:1.137A P:240.1W PF:0.9798 Freq:49.99Hz Lamp Flux:39366.1x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240WoH-5050-90D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

Table--1

UNIT: $\times 10cd$

γ (DEG) \ C (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244
5	2246	2246	2246	2246	2246	2246	2246	2246	2245	2245	2245	2246	2246	2246	2246	2246	2246	2246	2246
10	2260	2262	2266	2270	2277	2277	2282	2277	2272	2264	2272	2277	2282	2277	2277	2270	2266	2262	2260
15	2373	2373	2384	2405	2415	2411	2401	2391	2390	2388	2390	2391	2401	2411	2415	2405	2384	2373	2373
20	2479	2476	2460	2460	2481	2466	2471	2473	2485	2486	2485	2473	2471	2466	2481	2460	2460	2476	2479
25	2508	2506	2487	2479	2472	2461	2461	2470	2474	2486	2474	2470	2461	2461	2472	2479	2487	2506	2508
30	2300	2313	2303	2302	2299	2296	2266	2252	2243	2252	2243	2252	2266	2296	2299	2302	2303	2313	2300
35	1933	1935	1905	1910	1876	1869	1836	1831	1798	1817	1798	1831	1836	1869	1876	1910	1905	1935	1933
40	1418	1414	1404	1409	1389	1381	1353	1349	1336	1350	1336	1349	1353	1381	1389	1409	1404	1414	1418
45	929	945	910	912	891	883	870	873	870	903	870	873	870	883	891	912	910	945	929
50	271	287	250	268	226	233	216	228	223	267	223	228	216	233	226	268	250	287	271
55	57.0	56.9	53.8	53.6	51.0	50.5	48.3	48.6	48.2	50.2	48.2	48.6	48.3	50.5	51.0	53.6	53.8	56.9	57.0
60	31.8	31.9	31.0	31.0	30.4	30.1	29.3	29.1	29.0	29.5	29.0	29.1	29.3	30.1	30.4	31.0	31.0	31.9	31.8
65	23.1	23.1	22.9	22.8	22.6	22.5	22.2	22.2	22.5	22.5	22.5	22.2	22.2	22.5	22.6	22.8	22.9	23.1	23.1
70	18.4	18.5	18.3	18.2	18.0	17.9	17.8	17.7	17.8	17.9	17.8	17.7	17.8	17.9	18.0	18.2	18.3	18.5	18.4
75	14.0	14.1	13.9	13.9	13.7	13.7	13.5	13.4	13.5	13.5	13.5	13.4	13.5	13.7	13.7	13.9	13.9	14.1	14.0
80	9.68	9.76	9.55	9.61	9.47	9.53	9.33	9.40	9.27	9.42	9.27	9.40	9.33	9.53	9.47	9.61	9.55	9.76	9.68
85	5.80	5.83	5.68	5.73	5.62	5.63	5.48	5.53	5.44	5.58	5.44	5.53	5.48	5.63	5.62	5.73	5.68	5.83	5.80
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: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.633m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:1.137A P:240.1W PF:0.9798 Freq:49.99Hz Lamp Flux:39366.1x1 lm																	
NAME: AOK-oH									TYPE:LED						WEIGHT:6.0KG		
SPEC.:AOK-240WoH-5050-90D-PC									DIM.: ϕ 0.4*0.141M						SERIAL No.:1		
MFR.: AOK									SUR.: ϕ 0.29M						Shielding Angle:		

Table--2

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

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244	2244		
5	2246	2246	2246	2246	2246	2246	2246	2245	2245	2245	2246	2246	2246	2246	2246	2246	2246		
10	2262	2266	2270	2277	2277	2282	2277	2272	2264	2272	2277	2282	2277	2277	2270	2266	2262		
15	2373	2384	2405	2415	2411	2401	2391	2390	2388	2390	2391	2401	2411	2415	2405	2384	2373		
20	2476	2460	2460	2481	2466	2471	2473	2485	2486	2485	2473	2471	2466	2481	2460	2460	2476		
25	2506	2487	2479	2472	2461	2461	2470	2474	2486	2474	2470	2461	2461	2472	2479	2487	2506		
30	2313	2303	2302	2299	2296	2266	2252	2243	2252	2243	2252	2266	2296	2299	2302	2303	2313		
35	1935	1905	1910	1876	1869	1836	1831	1798	1817	1798	1831	1836	1869	1876	1910	1905	1935		
40	1414	1404	1409	1389	1381	1353	1349	1336	1350	1336	1349	1353	1381	1389	1409	1404	1414		
45	945	910	912	891	883	870	873	870	903	870	873	870	883	891	912	910	945		
50	287	250	268	226	233	216	228	223	267	223	228	216	233	226	268	250	287		
55	56.9	53.8	53.6	51.0	50.5	48.3	48.6	48.2	50.2	48.2	48.6	48.3	50.5	51.0	53.6	53.8	56.9		
60	31.9	31.0	31.0	30.4	30.1	29.3	29.1	29.0	29.5	29.0	29.1	29.3	30.1	30.4	31.0	31.0	31.9		
65	23.1	22.9	22.8	22.6	22.5	22.2	22.2	22.5	22.5	22.5	22.2	22.2	22.5	22.6	22.8	22.9	23.1		
70	18.5	18.3	18.2	18.0	17.9	17.8	17.7	17.8	17.9	17.8	17.7	17.8	17.9	18.0	18.2	18.3	18.5		
75	14.1	13.9	13.9	13.7	13.7	13.5	13.4	13.5	13.5	13.5	13.4	13.5	13.7	13.7	13.9	13.9	14.1		
80	9.76	9.55	9.61	9.47	9.53	9.33	9.40	9.27	9.42	9.27	9.40	9.33	9.53	9.47	9.61	9.55	9.76		
85	5.83	5.68	5.73	5.62	5.63	5.48	5.53	5.44	5.58	5.44	5.53	5.48	5.63	5.62	5.73	5.68	5.83		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.633m [K=1.0000]
Remarks: