

```

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	4844	4826	4783	4826	4844	4826	4783	4826	0- 10	4637	4637	12,12
20	4246	4378	4236	4378	4246	4378	4236	4378	10- 20	13170	17806	46.2,46.2
30	2001	2067	2106	2067	2001	2067	2106	2067	20- 30	15016	32822	85.1,85.1
40	111.0	115.8	122.7	115.8	111.0	115.8	122.7	115.8	30- 40	4282	37104	96.2,96.2
50	65.58	68.60	69.70	68.60	65.58	68.60	69.70	68.60	40- 50	668.5	37773	98,98
60	27.35	26.02	26.63	26.02	27.35	26.02	26.63	26.02	50- 60	403.3	38176	99,99
70	18.39	17.47	16.64	17.47	18.39	17.47	16.64	17.47	60- 70	210.9	38387	99.5,99.5
80	7.813	7.784	7.479	7.784	7.813	7.784	7.479	7.784	70- 80	135.0	38522	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	39.44	38561	100,100
100	0	0	0	0	0	0	0	0	90-100	0	38561	100,100
110	0	0	0	0	0	0	0	0	100-110	0	38561	100,100
120	0	0	0	0	0	0	0	0	110-120	0	38561	100,100
130	0	0	0	0	0	0	0	0	120-130	0	38561	100,100
140	0	0	0	0	0	0	0	0	130-140	0	38561	100,100
150	0	0	0	0	0	0	0	0	140-150	0	38561	100,100
160	0	0	0	0	0	0	0	0	150-160	0	38561	100,100
170	0	0	0	0	0	0	0	0	160-170	0	38561	100,100
180	0	0	0	0	0	0	0	0	170-180	0	38561	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 37461 lm

%lum = 97.1%

%lamp = 97.1%

Conical surface Flux(120deg): 38176 lm

%lum = 99.0%

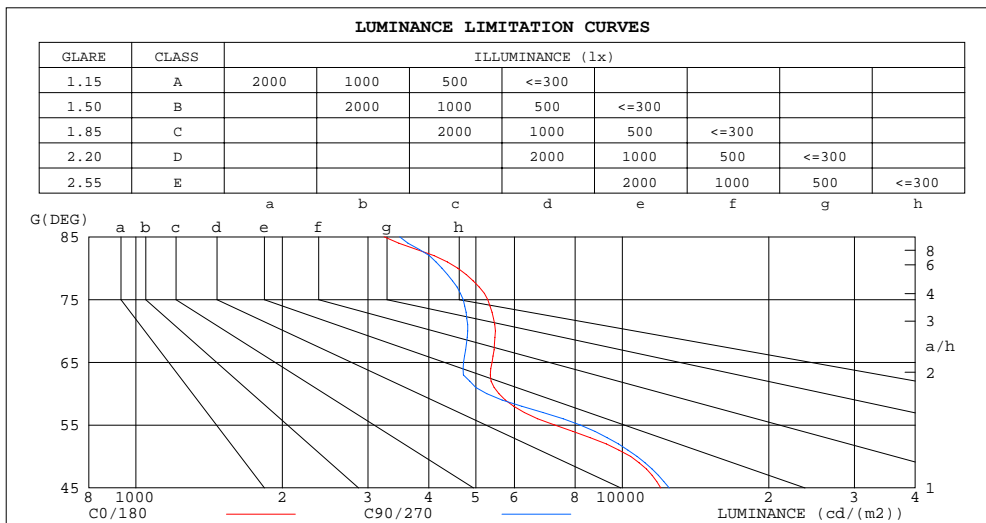
%lamp = 99.0%

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:0.9792 Freq:49.99Hz Lamp Flux:38561.2x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-60D-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	3240	3487
80	4588	4258
75	5289	4709
70	5482	4810
65	5399	4716
60	5578	5266
55	7263	8191
50	10405	10721
45	11995	12483

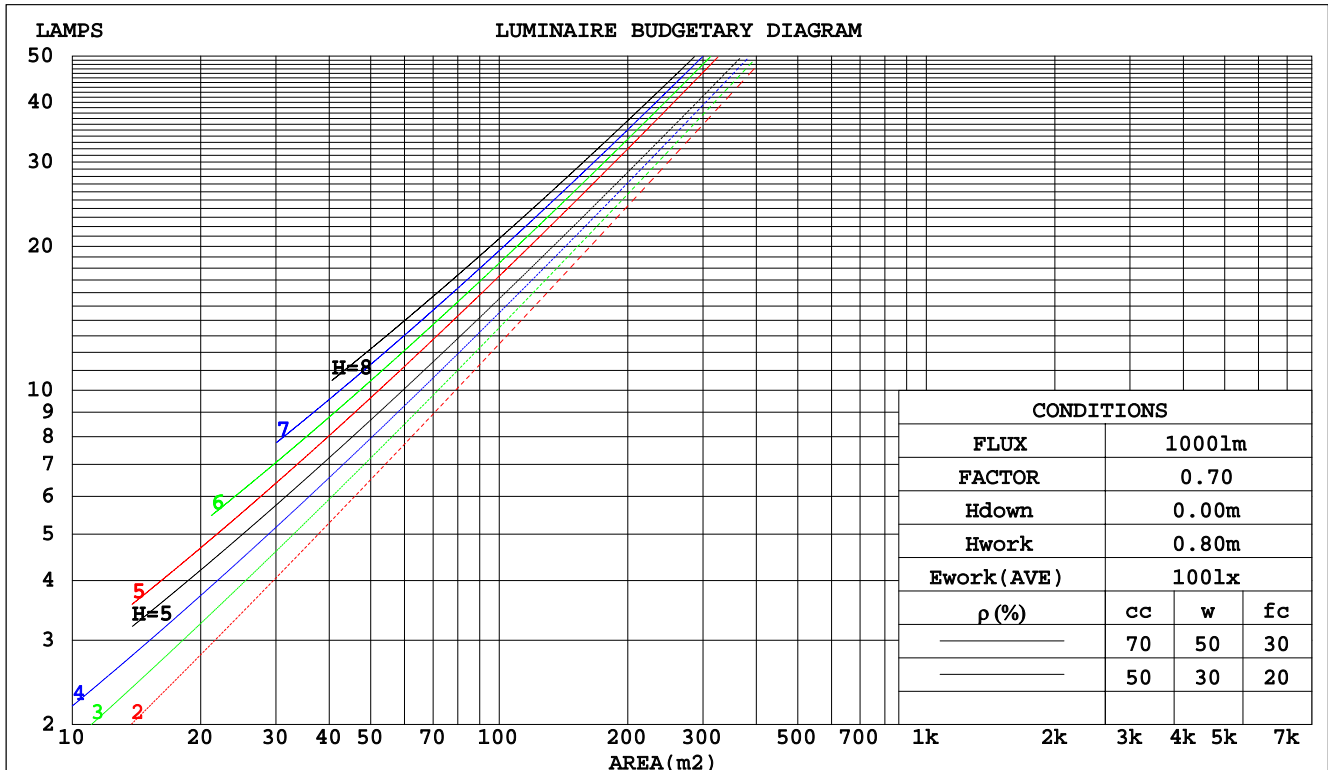
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-01-05

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:0.9792 Freq:49.99Hz Lamp Flux:38561.2x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-60D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.92	.90	.88
3.0	.98	.93	.89	.96	.92	.89	.94	.90	.87	.91	.88	.86	.89	.87	.85	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.85	.82	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.80	.76	.83	.79	.76	.81	.78	.75	.74
6.0	.82	.77	.73	.81	.76	.72	.80	.75	.72	.79	.75	.71	.77	.74	.71	.70
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.66
8.0	.74	.68	.65	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.64	.62
9.0	.70	.65	.61	.70	.64	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.59
10.0	.67	.61	.58	.66	.61	.58	.66	.61	.58	.65	.61	.57	.64	.60	.57	.56



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:0.9792 Freq:49.99Hz Lamp Flux:38561.2x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-60D-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
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	.170	.097	.031	.163	.093	.030	.150	.086	.028	.139	.080	.026	.128	.074	.024	
2.0	.161	.088	.027	.155	.085	.026	.145	.080	.025	.135	.076	.024	.126	.071	.022	
3.0	.152	.081	.024	.147	.079	.024	.138	.075	.023	.130	.071	.022	.123	.068	.021	
4.0	.144	.075	.022	.140	.073	.022	.133	.070	.021	.126	.067	.020	.119	.065	.020	
5.0	.137	.070	.020	.134	.069	.020	.127	.066	.019	.121	.064	.019	.115	.062	.018	
6.0	.131	.066	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018	.112	.059	.017	
7.0	.125	.062	.018	.123	.061	.017	.117	.059	.017	.113	.058	.017	.108	.056	.016	
8.0	.120	.059	.016	.118	.058	.016	.113	.056	.016	.109	.055	.016	.105	.054	.016	
9.0	.115	.056	.016	.113	.055	.015	.109	.054	.015	.105	.053	.015	.101	.051	.015	
10.0	.111	.053	.015	.109	.052	.015	.105	.051	.014	.102	.050	.014	.098	.049	.014	

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	.171	.157	.145	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.083	.068	.055	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.063	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.083	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.092	.054	.028	.080	.047	.025	.055	.033	.017	.032	.019	.010	.010	.006	.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:0.9792 Freq:49.99Hz Lamp Flux:38561.2x1 lm										
NAME: AOK-oH					TYPE:LED			WEIGHT:6.0KG		
SPEC.:AOK-240Woh-5050-60D-PC					DIM.: $\phi 0.4 \times 0.141M$			SERIAL No.:1		
MFR.: AOK					SUR.: $\phi 0.29M$			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	4.0	4.9	4.3	5.1	5.2	4.7	5.5	4.9	5.7	5.9
3H	4.1	4.9	4.3	5.1	5.3	4.6	5.4	4.9	5.6	5.8
4H	4.1	4.9	4.4	5.1	5.3	4.6	5.4	4.9	5.6	5.9
6H	4.2	4.9	4.5	5.1	5.4	4.6	5.4	4.9	5.6	5.8
8H	4.2	4.9	4.5	5.1	5.4	4.6	5.3	4.9	5.6	5.8
12H	4.1	4.8	4.5	5.1	5.3	4.6	5.3	4.9	5.5	5.8
4H 2H	3.9	4.6	4.1	4.9	5.1	4.5	5.3	4.8	5.5	5.7
3H	4.0	4.7	4.3	4.9	5.2	4.5	5.2	4.8	5.5	5.7
4H	4.1	4.7	4.5	5.0	5.3	4.6	5.2	4.9	5.5	5.8
6H	4.2	4.8	4.6	5.1	5.4	4.6	5.2	5.0	5.5	5.8
8H	4.2	4.7	4.6	5.1	5.5	4.6	5.1	5.0	5.5	5.8
12H	4.2	4.7	4.6	5.1	5.4	4.6	5.1	5.0	5.4	5.8
8H 4H	4.1	4.6	4.5	4.9	5.3	4.5	5.0	4.9	5.4	5.7
6H	4.2	4.6	4.7	5.0	5.4	4.6	5.0	5.0	5.4	5.8
8H	4.3	4.6	4.7	5.1	5.5	4.6	5.0	5.1	5.4	5.8
12H	4.3	4.6	4.8	5.0	5.5	4.6	4.9	5.1	5.4	5.9
12H 4H	4.0	4.5	4.5	4.9	5.3	4.5	4.9	4.9	5.3	5.7
6H	4.2	4.6	4.7	5.0	5.4	4.6	4.9	5.0	5.4	5.8
8H	4.3	4.6	4.7	5.0	5.5	4.6	4.9	5.1	5.4	5.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.4 / - 0.9					+ 2.3 / - 1.2				
1.5H	+ 2.1 / - 0.7					+ 3.5 / - 0.8				
2.0H	+ 1.3 / - 1.0					+ 1.3 / - 1.2				

CIE Pub.117, 38561 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 12.7$)

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:0.9792 Freq:49.99Hz Lamp Flux:38561.2x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240WoH-5050-60D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

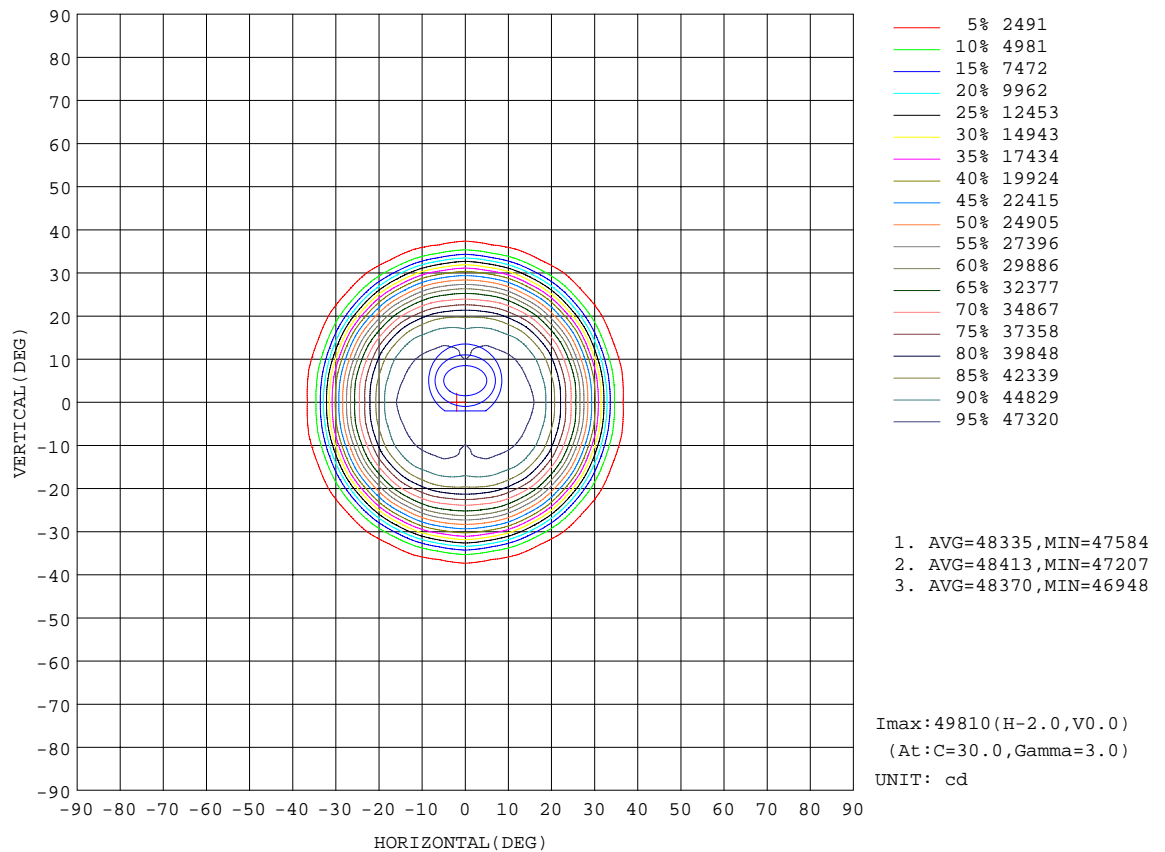
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	89	83	80	89	83	80	88	83	79	76
0.80	96	91	87	96	90	87	95	90	87	83
1.00	100	95	92	100	95	91	98	94	91	87
1.25	104	99	96	103	99	96	101	97	95	91
1.50	107	102	99	105	101	99	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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Test Speed: HIGH
Temperature:25.3DEG
Operators:
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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:0.9792 Freq:49.99Hz Lamp Flux:38561.2x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240WoH-5050-60D-PC	DIM.: ϕ 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.: ϕ 0.29M	Shielding Angle:



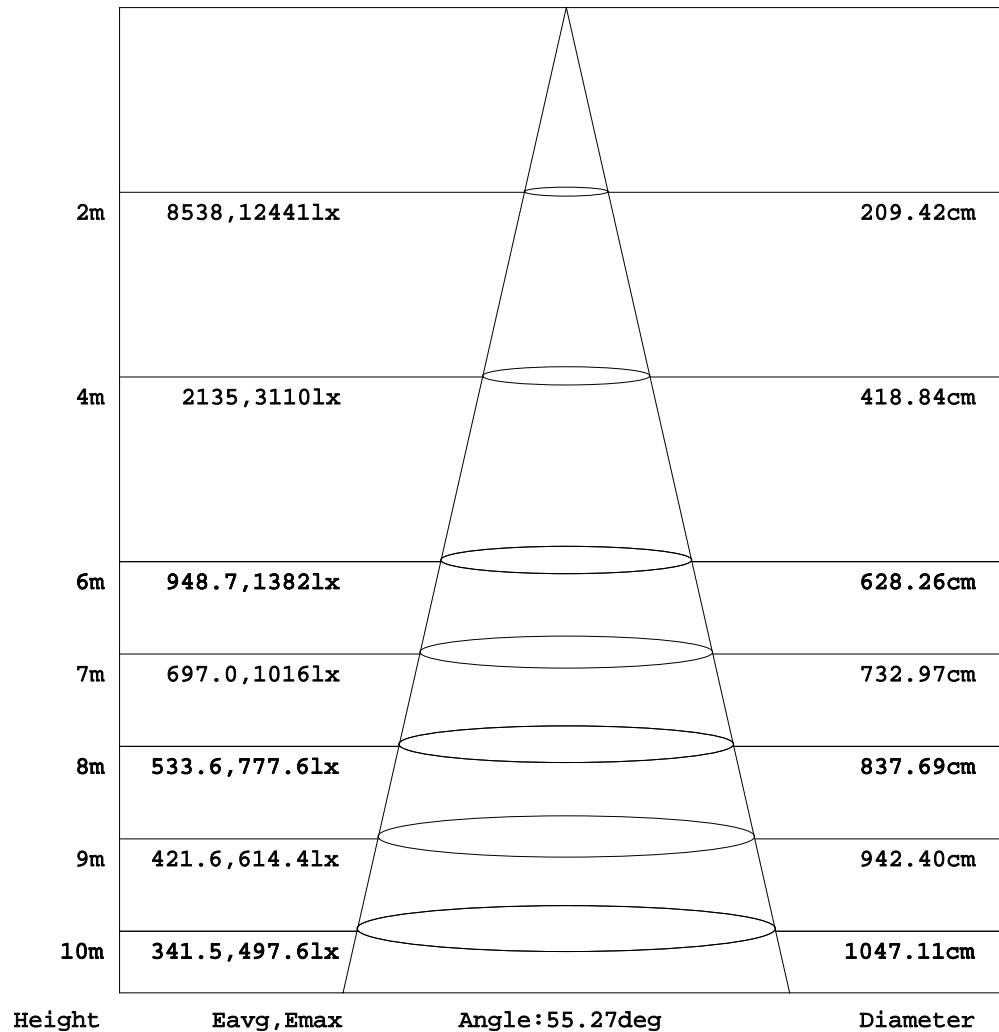
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-01-05

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:0.9792 Freq:49.99Hz Lamp Flux:38561.2x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-60D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

Flux out:30334 lm



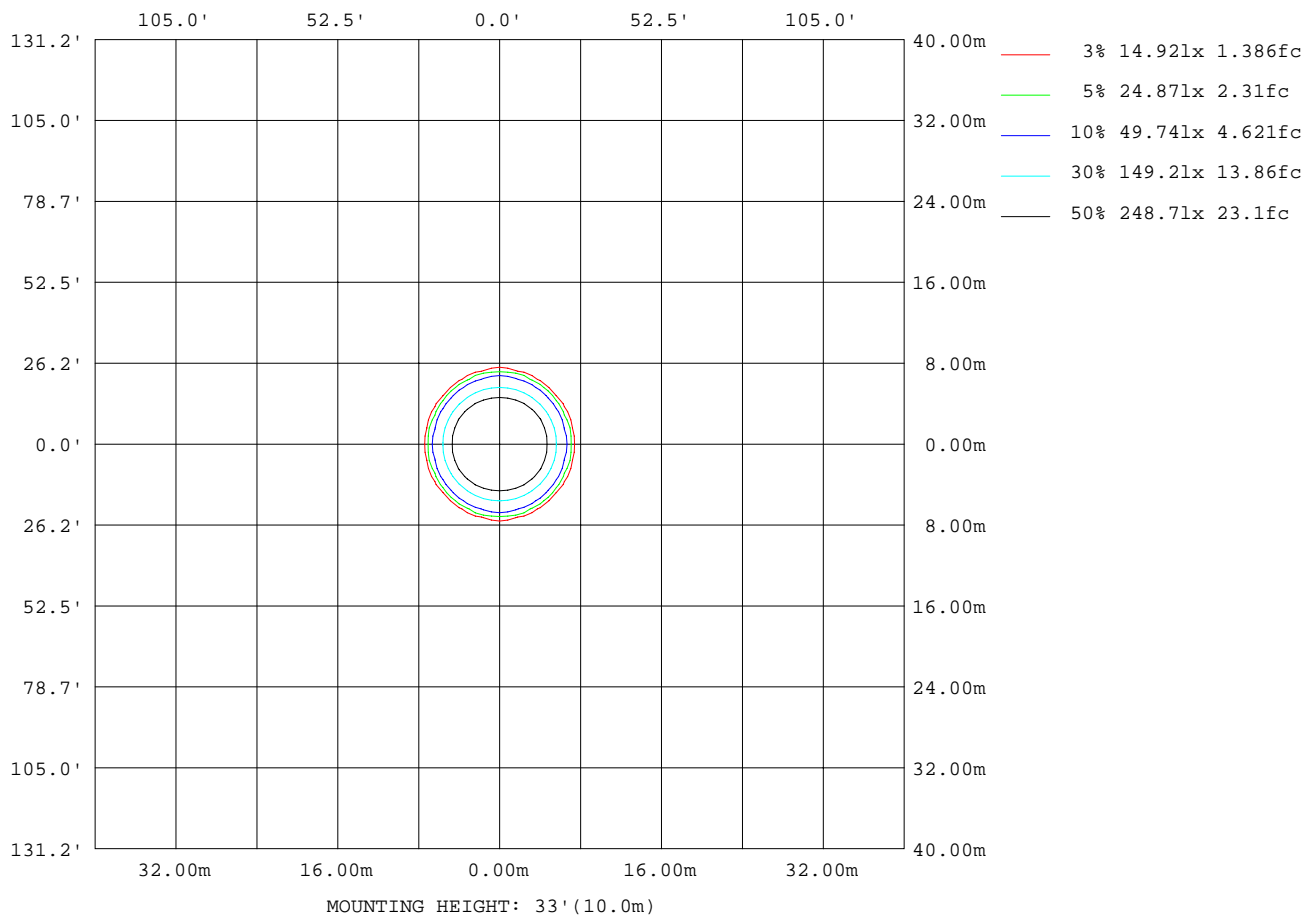
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 Operators:
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
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 Remarks:

ISOLUX DIAGRAM

Test:U:220.0V I:1.137A P:240.1W PF:0.9792 Freq:49.99Hz Lamp Flux:38561.2x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-60D-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:
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γ Range: 0 - 180DEG
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Humidity:65.0%
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Remarks:

LED Avg.L Report

Test:U:220.0V I:1.137A P:240.1W PF:0.9792 Freq:49.99Hz Lamp Flux:38561.2x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-60D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

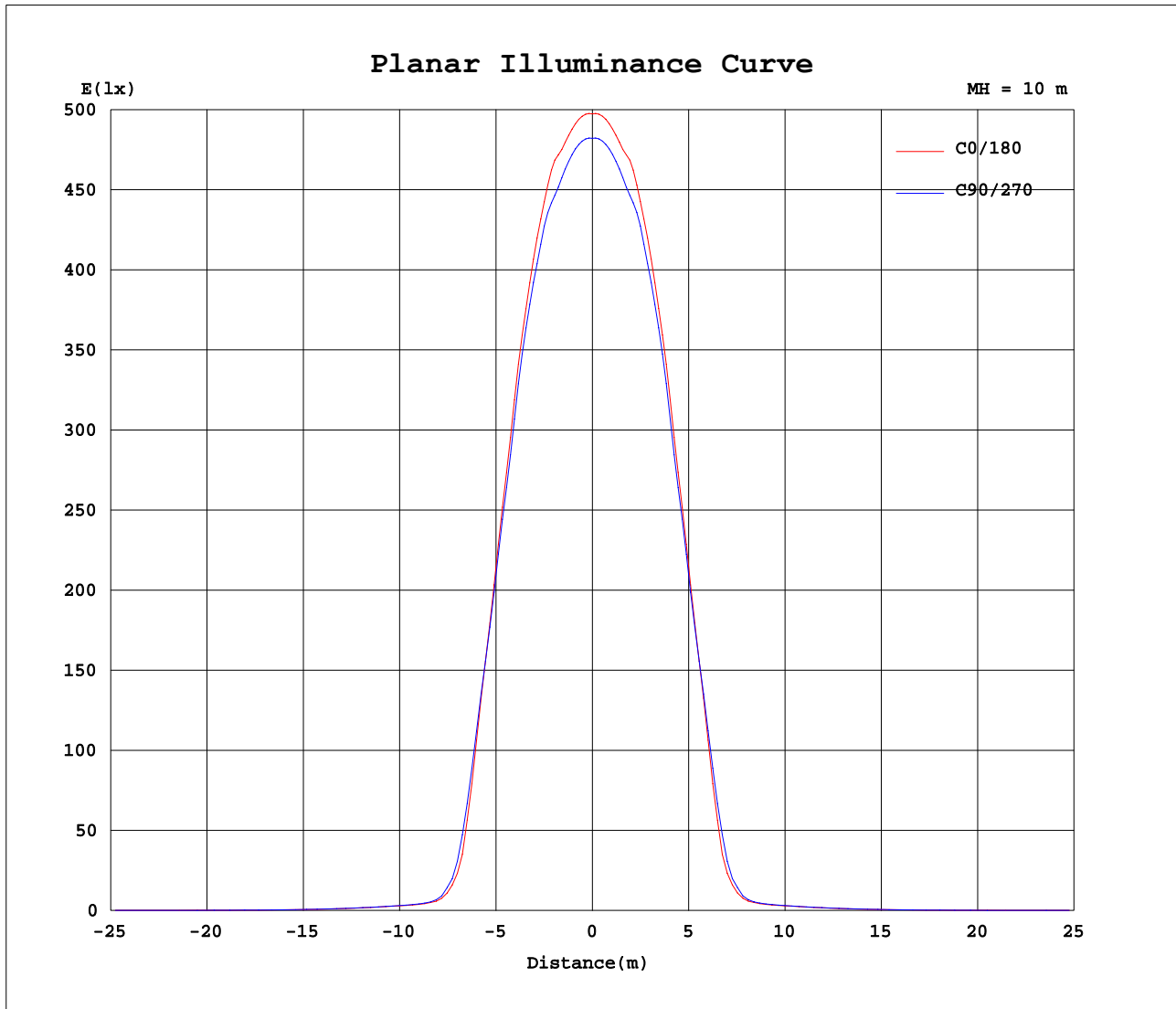
AvgL	cd/m2
L_0~180 (65) av	5294
L_0~180 (75) av	5186
L_0~180 (85) av	3177
L_90~270 (65) av	4770
L_90~270 (75) av	4763
L_90~270 (85) av	3526
L_45 (65) av	4974
L_45 (75) av	4998
L_45 (85) av	3435

Standard: GB/T 29293-2012

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γ Range: 0 - 180DEG
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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
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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:0.9792 Freq:49.99Hz Lamp Flux:38561.2x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-60D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

Table--1

UNIT: $\times 10cd$

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877
5	4873	4880	4881	4884	4882	4882	4877	4875	4868	4865	4868	4875	4877	4882	4882	4884	4881	4880	4873
10	4844	4851	4845	4837	4828	4824	4814	4806	4793	4783	4793	4806	4814	4824	4828	4837	4845	4851	4844
15	4697	4706	4711	4731	4743	4741	4735	4738	4706	4669	4706	4738	4735	4741	4743	4731	4711	4706	4697
20	4246	4301	4322	4375	4376	4380	4338	4313	4267	4236	4267	4313	4338	4380	4376	4375	4322	4301	4246
25	3317	3402	3414	3454	3429	3434	3387	3370	3321	3320	3321	3370	3387	3434	3429	3454	3414	3402	3317
30	2001	2053	2037	2079	2052	2083	2058	2099	2067	2106	2067	2099	2058	2083	2052	2079	2037	2053	2001
35	415	445	434	458	447	486	472	512	507	567	507	512	472	486	447	458	434	445	415
40	111	111	116	114	117	115	119	118	118	123	118	118	119	115	117	114	116	111	111
45	83.2	84.9	85.2	85.4	84.7	85.1	84.9	86.1	87.2	89.3	87.2	86.1	84.9	85.1	84.7	85.4	85.2	84.9	83.2
50	65.6	67.5	67.7	68.4	68.1	69.1	68.0	68.0	68.2	69.7	68.2	68.0	68.0	69.1	68.1	68.4	67.7	67.5	65.6
55	40.8	41.6	41.3	43.0	43.8	46.1	46.6	47.2	46.3	47.5	46.3	47.2	46.6	46.1	43.8	43.0	41.3	41.6	40.8
60	27.3	27.1	26.3	26.1	25.7	26.3	26.1	26.4	26.1	26.6	26.1	26.4	26.1	26.3	25.7	26.1	26.3	27.1	27.3
65	22.4	22.2	21.8	21.4	21.2	20.9	20.7	20.5	20.2	20.2	20.2	20.5	20.7	20.9	21.2	21.4	21.8	22.2	22.4
70	18.4	18.4	18.1	17.9	17.6	17.3	17.0	16.9	16.6	16.6	16.6	16.9	17.0	17.3	17.6	17.9	18.1	18.4	18.4
75	13.4	13.6	13.5	13.4	13.1	12.8	12.5	12.4	12.2	12.3	12.2	12.4	12.5	12.8	13.1	13.4	13.5	13.6	13.4
80	7.81	8.12	8.00	8.05	7.84	7.73	7.49	7.48	7.27	7.48	7.27	7.48	7.49	7.73	7.84	8.05	8.00	8.12	7.81
85	2.77	2.94	2.93	3.04	2.95	3.04	2.96	3.04	2.93	3.07	2.93	3.04	2.96	3.04	2.95	3.04	2.93	2.94	2.77
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:0.9792 Freq:49.99Hz Lamp Flux:38561.2x1 lm		
NAME: AOK-oH	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-240Woh-5050-60D-PC	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

Table--2

UNIT: $\times 10cd$

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877	4877		
5	4880	4881	4884	4882	4882	4877	4875	4868	4865	4868	4875	4877	4882	4882	4884	4881	4880		
10	4851	4845	4837	4828	4824	4814	4806	4793	4783	4793	4806	4814	4824	4828	4837	4845	4851		
15	4706	4711	4731	4743	4741	4735	4738	4706	4669	4706	4738	4735	4741	4743	4731	4711	4706		
20	4301	4322	4375	4376	4380	4338	4313	4267	4236	4267	4313	4338	4380	4376	4375	4322	4301		
25	3402	3414	3454	3429	3434	3387	3370	3321	3320	3321	3370	3387	3434	3429	3454	3414	3402		
30	2053	2037	2079	2052	2083	2058	2099	2067	2106	2067	2099	2058	2083	2052	2079	2037	2053		
35	445	434	458	447	486	472	512	507	567	507	512	472	486	447	458	434	445		
40	111	116	114	117	115	119	118	118	123	118	118	119	115	117	114	116	111		
45	84.9	85.2	85.4	84.7	85.1	84.9	86.1	87.2	89.3	87.2	86.1	84.9	85.1	84.7	85.4	85.2	84.9		
50	67.5	67.7	68.4	68.1	69.1	68.0	68.0	68.2	69.7	68.2	68.0	68.0	69.1	68.1	68.4	67.7	67.5		
55	41.6	41.3	43.0	43.8	46.1	46.6	47.2	46.3	47.5	46.3	47.2	46.6	46.1	43.8	43.0	41.3	41.6		
60	27.1	26.3	26.1	25.7	26.3	26.1	26.4	26.1	26.6	26.1	26.4	26.1	26.3	25.7	26.1	26.3	27.1		
65	22.2	21.8	21.4	21.2	20.9	20.7	20.5	20.2	20.2	20.2	20.5	20.7	20.9	21.2	21.4	21.8	22.2		
70	18.4	18.1	17.9	17.6	17.3	17.0	16.9	16.6	16.6	16.6	16.9	17.0	17.3	17.6	17.9	18.1	18.4		
75	13.6	13.5	13.4	13.1	12.8	12.5	12.4	12.2	12.3	12.2	12.4	12.5	12.8	13.1	13.4	13.5	13.6		
80	8.12	8.00	8.05	7.84	7.73	7.49	7.48	7.27	7.48	7.27	7.48	7.49	7.73	7.84	8.05	8.00	8.12		
85	2.94	2.93	3.04	2.95	3.04	2.96	3.04	2.93	3.07	2.93	3.04	2.96	3.04	2.95	3.04	2.93	2.94		
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: