

```

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=0.9904]
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	1619	1619	1613	1619	1619	1619	1613	1619	0- 10	1534	1534	5.49, 5.49
20	1630	1623	1623	1623	1630	1623	1623	1623	10- 20	4607	6140	22, 22
30	1551	1540	1549	1540	1551	1540	1549	1540	20- 30	7387	13527	48.4, 48.4
40	1206	1199	1191	1199	1206	1199	1191	1199	30- 40	8800	22327	79.9, 79.9
50	144.5	112.2	88.20	112.2	144.5	112.2	88.20	112.2	40- 50	4922	27249	97.5, 97.5
60	24.27	23.22	21.79	23.22	24.27	23.22	21.79	23.22	50- 60	378.7	27628	98.8, 98.8
70	16.18	15.53	14.49	15.53	16.18	15.53	14.49	15.53	60- 70	190.6	27818	99.5, 99.5
80	6.926	6.487	6.017	6.487	6.926	6.487	6.017	6.487	70- 80	119.1	27937	99.9, 99.9
90	0	0	0	0	0	0	0	0	80- 90	21.49	27959	100, 100
100	0	0	0	0	0	0	0	0	90-100	0	27959	100, 100
110	0	0	0	0	0	0	0	0	100-110	0	27959	100, 100
120	0	0	0	0	0	0	0	0	110-120	0	27959	100, 100
130	0	0	0	0	0	0	0	0	120-130	0	27959	100, 100
140	0	0	0	0	0	0	0	0	130-140	0	27959	100, 100
150	0	0	0	0	0	0	0	0	140-150	0	27959	100, 100
160	0	0	0	0	0	0	0	0	150-160	0	27959	100, 100
170	0	0	0	0	0	0	0	0	160-170	0	27959	100, 100
180	0	0	0	0	0	0	0	0	170-180	0	27959	100, 100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT: lm		

Conical surface Flux(90deg): 25886 lm

%lum = 92.6%

%lamp = 92.6%

Conical surface Flux(120deg): 27628 lm

%lum = 98.8%

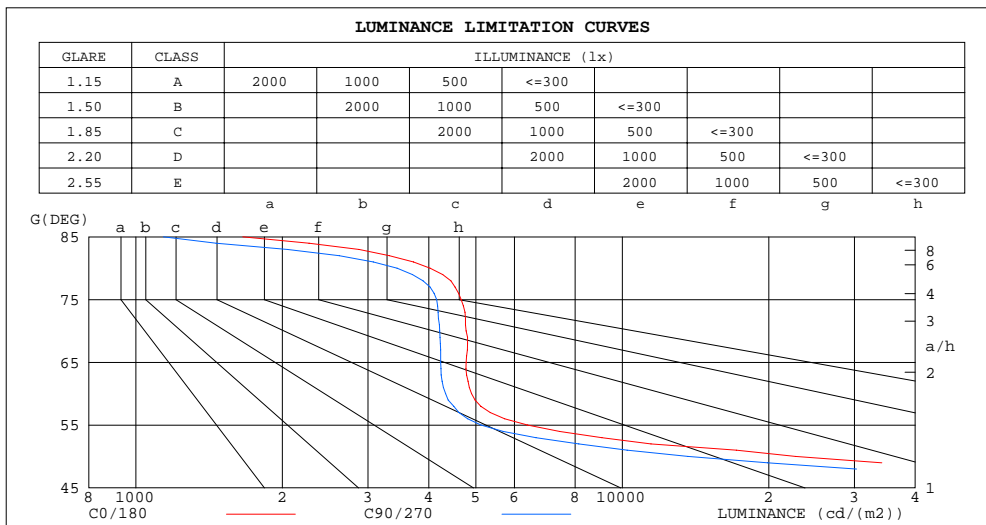
%lamp = 98.8%

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-12-28

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=0.9904]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.9V I:0.9670A P:207.0W PF:0.9735 Freq:49.99Hz Lamp Flux:27958.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6.0
SPEC.:AOK-200Woh	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	1659	1139
80	4026	3445
75	4662	4151
70	4776	4212
65	4775	4231
60	4900	4332
55	6388	5121
50	22684	13640
45	106556	84820

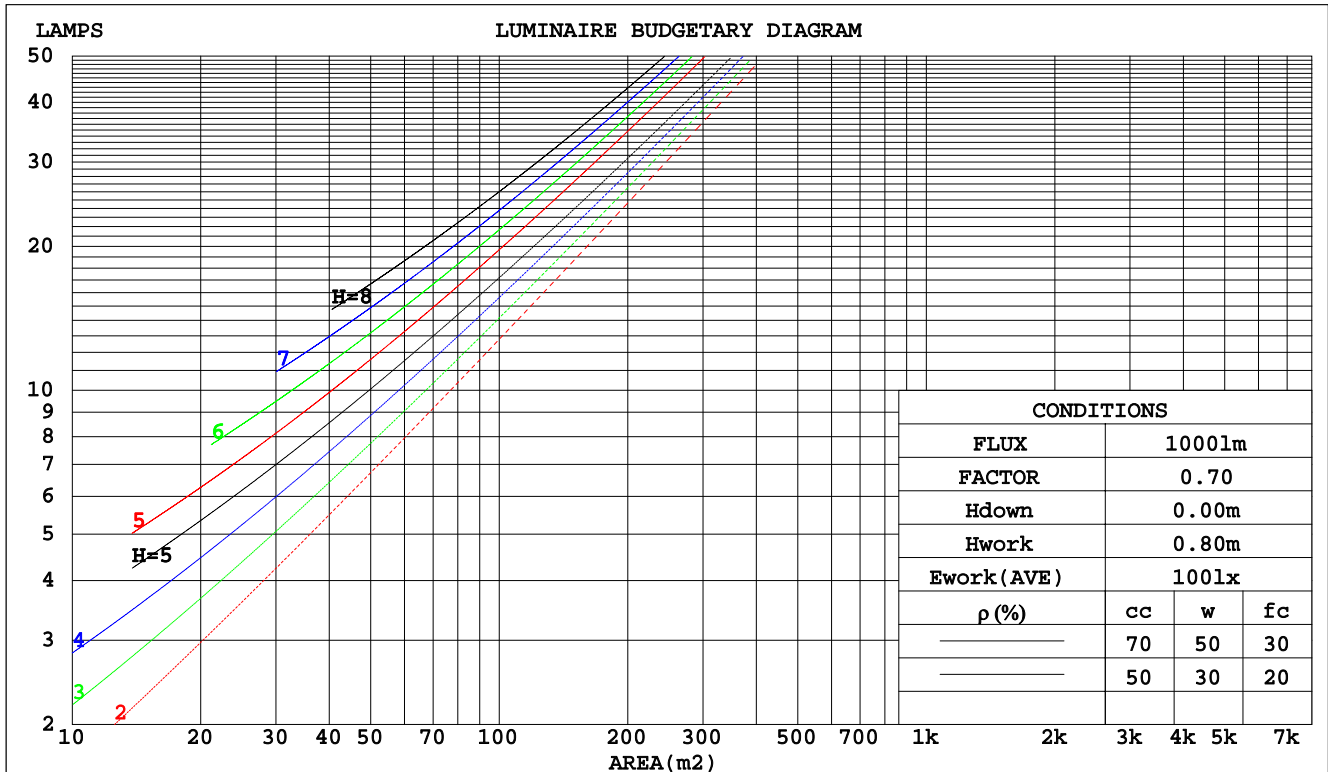
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-28

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=0.9904]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.9V I:0.9670A P:207.0W PF:0.9735 Freq:49.99Hz Lamp Flux:27958.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6.0
SPEC.:AOK-200WoH	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	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.92
2.0	1.00	.96	.92	.99	.94	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.92	.86	.82	.90	.85	.81	.88	.83	.80	.85	.81	.78	.83	.80	.77	.75
4.0	.84	.78	.73	.83	.77	.73	.81	.76	.72	.79	.74	.71	.77	.73	.70	.68
5.0	.78	.71	.66	.77	.70	.65	.75	.69	.65	.73	.68	.64	.71	.67	.64	.62
6.0	.71	.64	.59	.71	.64	.59	.69	.63	.59	.68	.62	.58	.66	.62	.58	.56
7.0	.66	.59	.54	.65	.59	.54	.64	.58	.54	.63	.57	.53	.61	.57	.53	.51
8.0	.61	.54	.49	.60	.54	.49	.59	.53	.49	.58	.53	.49	.57	.52	.49	.47
9.0	.57	.50	.45	.56	.50	.45	.55	.49	.45	.54	.49	.45	.53	.48	.45	.43
10.0	.53	.46	.42	.52	.46	.42	.51	.45	.41	.51	.45	.41	.50	.45	.41	.40



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-12-28

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=0.9904]
 Remarks:

WEC AND CCEC

Test:U:219.9V I:0.9670A P:207.0W PF:0.9735 Freq:49.99Hz Lamp Flux:27958.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6.0
SPEC.:AOK-200WoH	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	.203	.115	.037	.196	.112	.036	.184	.105	.034	.172	.099	.032	.161	.093	.030	
2.0	.197	.108	.033	.192	.106	.033	.181	.101	.031	.171	.096	.030	.162	.091	.029	
3.0	.190	.101	.030	.185	.099	.030	.175	.095	.029	.167	.091	.028	.158	.088	.027	
4.0	.181	.094	.028	.177	.093	.027	.169	.089	.027	.161	.087	.026	.154	.084	.025	
5.0	.173	.088	.026	.169	.087	.025	.162	.084	.025	.155	.082	.024	.149	.080	.024	
6.0	.165	.083	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023	.144	.076	.023	
7.0	.158	.078	.022	.155	.077	.022	.149	.075	.022	.144	.074	.021	.139	.072	.021	
8.0	.151	.074	.021	.148	.073	.021	.143	.071	.020	.138	.070	.020	.134	.069	.020	
9.0	.144	.070	.019	.142	.069	.019	.137	.068	.019	.133	.067	.019	.129	.065	.019	
10.0	.138	.066	.018	.136	.066	.018	.132	.064	.018	.128	.063	.018	.124	.062	.018	

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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.049	.019	.017	.016		
2.0	.160	.132	.109	.137	.114	.095	.094	.079	.066	.054	.046	.039	.017	.015	.013		
3.0	.149	.114	.086	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010		
4.0	.140	.099	.068	.120	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008		
5.0	.133	.088	.056	.114	.076	.048	.078	.053	.034	.045	.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	.115	.066	.033	.099	.058	.029	.068	.040	.020	.040	.024	.012	.013	.008	.004		
9.0	.110	.061	.029	.094	.053	.025	.065	.037	.018	.038	.022	.011	.012	.007	.004		
10.0	.105	.057	.025	.091	.050	.022	.063	.035	.016	.037	.021	.009	.012	.007	.003		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-28

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=0.9904]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.9V I:0.9670A P:207.0W PF:0.9735 Freq:49.99Hz Lamp Flux:27958.8x1 lm										
NAME: AOK oH					TYPE:LED			WEIGHT:6.0		
SPEC.:AOK-200WoH					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	13.3	14.5	13.6	14.6	14.8	13.0	14.1	13.2	14.3	14.5
3H	13.2	14.2	13.4	14.4	14.6	12.8	13.9	13.1	14.1	14.3
4H	13.1	14.1	13.4	14.3	14.5	12.7	13.7	13.0	13.9	14.2
6H	13.0	13.9	13.3	14.2	14.4	12.7	13.6	13.0	13.8	14.1
8H	13.0	13.8	13.3	14.1	14.4	12.6	13.5	12.9	13.8	14.0
12H	12.9	13.8	13.2	14.0	14.3	12.6	13.4	12.9	13.7	14.0
4H 2H	13.1	14.0	13.3	14.3	14.5	12.7	13.7	13.0	13.9	14.2
3H	12.9	13.7	13.2	14.0	14.3	12.6	13.4	12.9	13.7	14.0
4H	12.8	13.6	13.2	13.9	14.2	12.5	13.2	12.8	13.5	13.9
6H	12.8	13.4	13.1	13.8	14.1	12.4	13.1	12.8	13.4	13.8
8H	12.7	13.3	13.1	13.7	14.1	12.4	13.0	12.8	13.3	13.7
12H	12.7	13.2	13.1	13.6	14.0	12.3	12.9	12.7	13.3	13.7
8H 4H	12.7	13.3	13.1	13.7	14.0	12.4	13.0	12.8	13.3	13.7
6H	12.6	13.1	13.1	13.5	14.0	12.3	12.8	12.7	13.2	13.6
8H	12.6	13.0	13.1	13.5	13.9	12.3	12.7	12.7	13.1	13.6
12H	12.6	12.9	13.0	13.4	13.8	12.2	12.6	12.7	13.0	13.5
12H 4H	12.7	13.2	13.1	13.6	14.0	12.3	12.9	12.7	13.2	13.6
6H	12.6	13.0	13.0	13.5	13.9	12.3	12.7	12.7	13.1	13.6
8H	12.6	12.9	13.0	13.4	13.8	12.2	12.6	12.7	13.0	13.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.9 / -11.5					+ 2.8 / -12.0				
1.5H	+ 3.7 / -12.0					+ 4.2 / -12.1				
2.0H	+ 8.1 / - 8.3					+ 8.3 / - 7.2				

CIE Pub.117, 27959 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 11.6$)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-28

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=0.9904]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.9V I:0.9670A P:207.0W PF:0.9735 Freq:49.99Hz Lamp Flux:27958.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6.0
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

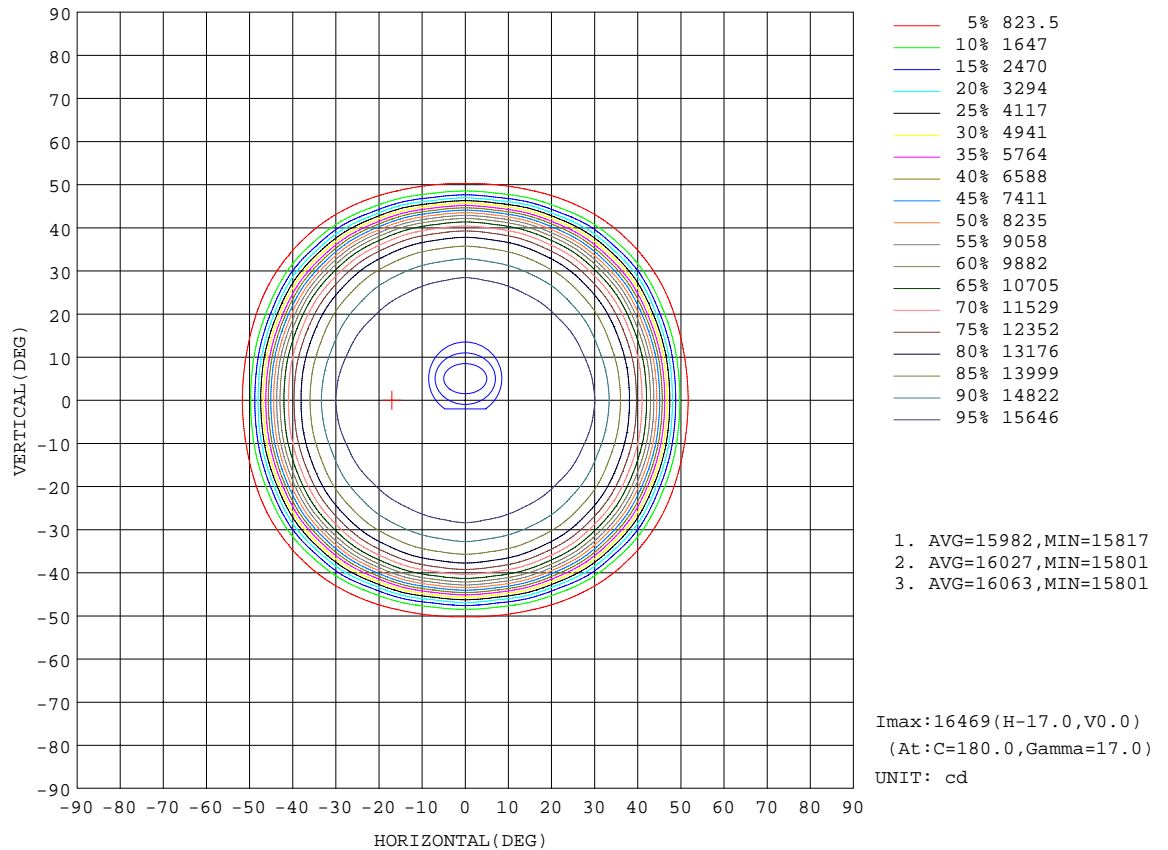
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	79	71	66	78	71	66	77	70	66	62
0.80	88	80	76	87	80	76	86	79	75	71
1.00	94	87	83	93	87	82	91	87	82	77
1.25	99	93	89	98	92	88	96	91	87	83
1.50	102	97	93	101	96	92	99	94	91	86
2.00	106	101	98	105	100	97	102	98	95	90
2.50	108	104	100	107	102	99	103	100	97	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	111	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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Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2017-12-28

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=0.9904]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.9V I:0.9670A P:207.0W PF:0.9735 Freq:49.99Hz Lamp Flux:27958.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6.0
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

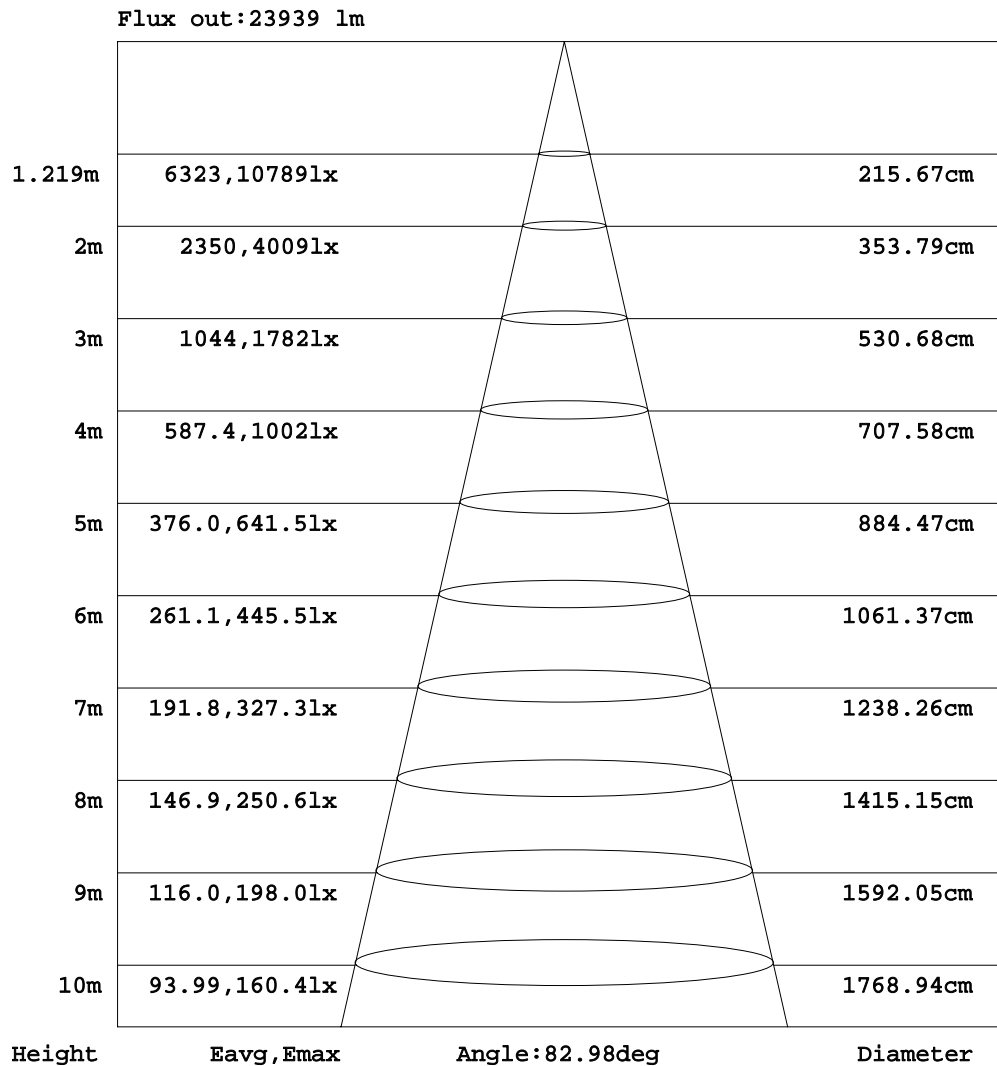


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.633m [K=0.9904]
Remarks:

AAI Figure

Test:U:219.9V I:0.9670A P:207.0W PF:0.9735 Freq:49.99Hz Lamp Flux:27958.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6.0
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:



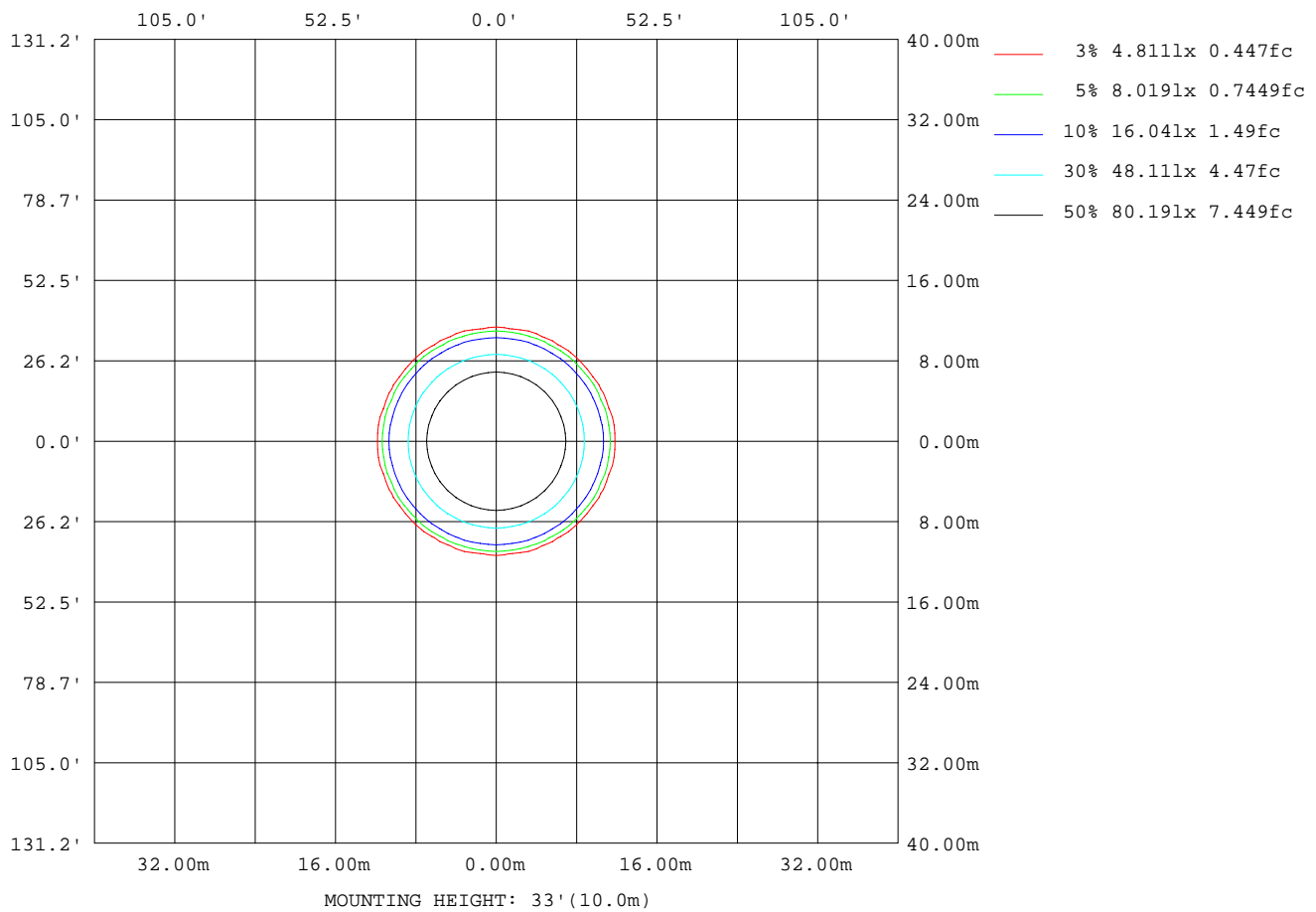
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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C Interval: 10.0DEG
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Temperature:25.3DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
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Test Distance:7.633m [K=0.9904]
Remarks:

ISOLUX DIAGRAM

Test:U:219.9V I:0.9670A P:207.0W PF:0.9735 Freq:49.99Hz Lamp Flux:27958.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6.0
SPEC.:AOK-200WoH	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
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
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Humidity: 65.0%
Test Distance: 7.633m [K=0.9904]
Remarks:

LED Avg.L Report

Test:U:219.9V I:0.9670A P:207.0W PF:0.9735 Freq:49.99Hz Lamp Flux:27958.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6.0
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

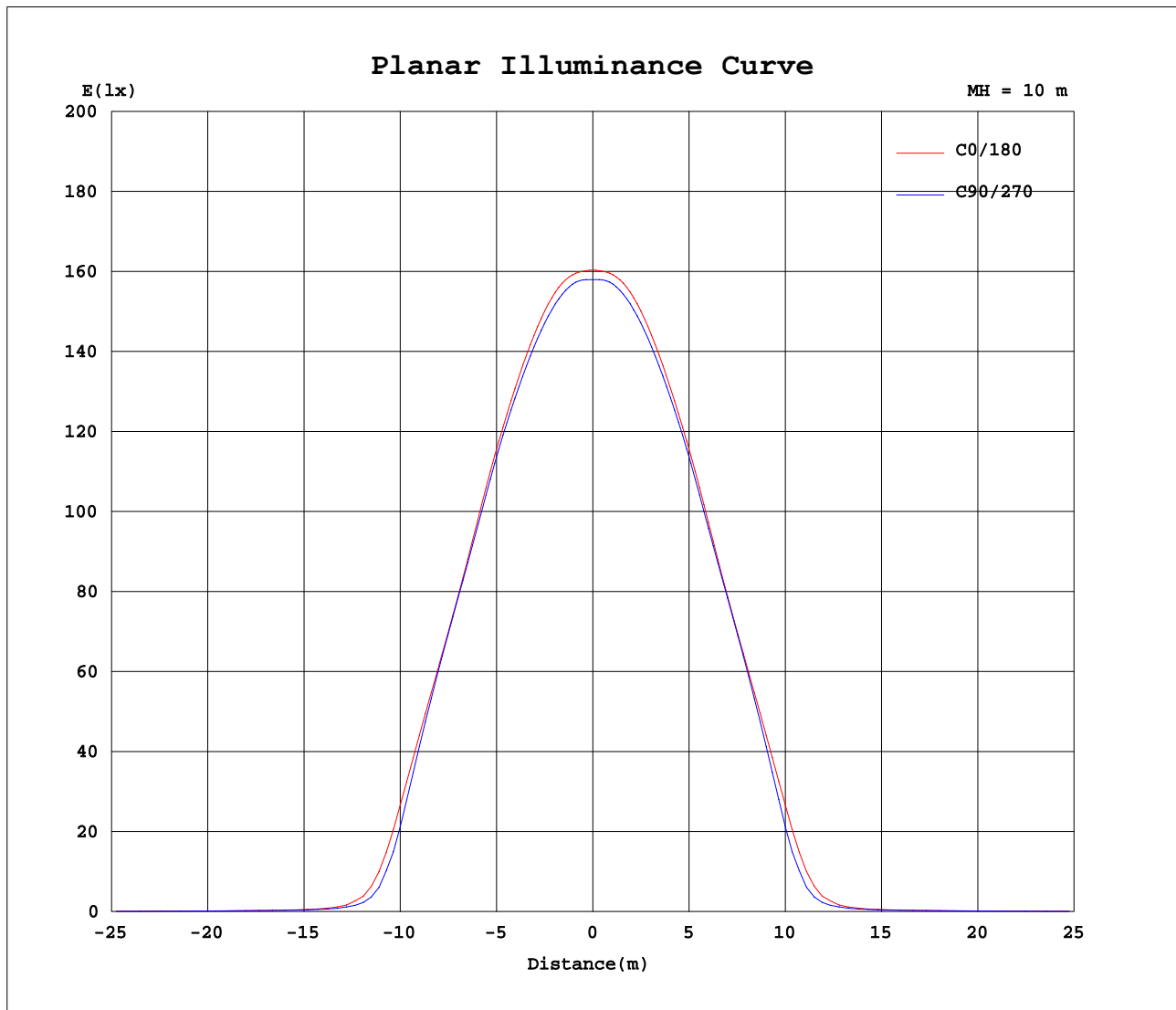
AvgL	cd/m2
L_0~180 (65) av	4731
L_0~180 (75) av	4620
L_0~180 (85) av	1643
L_90~270 (65) av	4256
L_90~270 (75) av	4176
L_90~270 (85) av	1146
L_45 (65) av	4543
L_45 (75) av	4413
L_45 (85) av	1214

Standard: GB/T 29293-2012

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Humidity:65.0%
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Remarks:

Planar Illuminance Curve



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 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.633m [K=0.9904]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.9V I:0.9670A P:207.0W PF:0.9735 Freq:49.99Hz Lamp Flux:27958.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6.0
SPEC.:AOK-200WoH	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	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589
5	1599	1599	1600	1600	1601	1601	1602	1602	1602	1601	1602	1602	1602	1601	1601	1600	1600	1599	1599
10	1619	1619	1619	1619	1619	1619	1618	1617	1615	1613	1615	1617	1618	1619	1619	1619	1619	1619	1619
15	1630	1629	1628	1628	1627	1627	1626	1625	1623	1622	1623	1625	1626	1627	1627	1628	1628	1629	1630
20	1630	1629	1627	1625	1623	1623	1622	1623	1622	1623	1622	1623	1622	1623	1623	1625	1627	1629	1630
25	1612	1611	1608	1606	1603	1603	1601	1604	1605	1609	1605	1604	1601	1603	1603	1606	1608	1611	1612
30	1551	1551	1544	1544	1539	1541	1539	1542	1542	1549	1542	1542	1539	1541	1539	1544	1544	1551	1551
35	1420	1422	1419	1426	1423	1429	1424	1428	1425	1433	1425	1428	1424	1429	1423	1426	1419	1422	1420
40	1206	1214	1206	1208	1197	1200	1188	1192	1180	1191	1180	1192	1188	1200	1197	1208	1206	1214	1206
45	747	746	710	705	661	658	619	618	582	603	582	618	619	658	661	705	710	746	747
50	144	142	124	122	119	105	104	93.0	93.2	88.2	93.2	93.0	104	105	119	122	124	142	144
55	36.3	36.1	34.6	34.4	32.8	32.1	30.9	30.7	29.7	29.5	29.7	30.7	30.9	32.1	32.8	34.4	34.6	36.1	36.3
60	24.3	24.4	24.0	24.0	23.4	23.0	22.7	22.6	22.2	21.8	22.2	22.6	22.7	23.0	23.4	24.0	24.0	24.4	24.3
65	20.0	20.0	19.9	19.7	19.4	19.0	18.8	18.7	18.3	18.0	18.3	18.7	18.8	19.0	19.4	19.7	19.9	20.0	20.0
70	16.2	16.2	16.0	15.9	15.7	15.4	15.1	15.1	14.7	14.5	14.7	15.1	15.1	15.4	15.7	15.9	16.0	16.2	16.2
75	12.0	12.0	11.7	11.7	11.4	11.4	11.2	11.2	10.9	10.8	10.9	11.2	11.2	11.4	11.4	11.7	11.7	12.0	12.0
80	6.93	7.03	6.66	6.68	6.46	6.52	6.39	6.31	5.93	6.02	5.93	6.31	6.39	6.52	6.46	6.68	6.66	7.03	6.93
85	1.43	1.41	1.21	1.19	1.07	1.06	0.99	1.00	0.96	1.00	0.96	1.00	0.99	1.06	1.07	1.19	1.21	1.41	1.43
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: 2017-12-28

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=0.9904]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.9V I:0.9670A P:207.0W PF:0.9735 Freq:49.99Hz Lamp Flux:27958.8x1 lm																	
NAME: AOK oH									TYPE:LED						WEIGHT:6.0		
SPEC.:AOK-200WoH									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	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589	1589		
5	1599	1600	1600	1601	1601	1602	1602	1602	1601	1602	1602	1602	1601	1601	1600	1600	1599		
10	1619	1619	1619	1619	1619	1618	1617	1615	1613	1615	1617	1618	1619	1619	1619	1619	1619		
15	1629	1628	1628	1627	1627	1626	1625	1623	1622	1623	1625	1626	1627	1627	1628	1628	1629		
20	1629	1627	1625	1623	1623	1622	1623	1622	1623	1622	1623	1622	1623	1623	1625	1627	1629		
25	1611	1608	1606	1603	1603	1601	1604	1605	1609	1605	1604	1601	1603	1603	1606	1608	1611		
30	1551	1544	1544	1539	1541	1539	1542	1542	1549	1542	1542	1539	1541	1539	1544	1544	1551		
35	1422	1419	1426	1423	1429	1424	1428	1425	1433	1425	1428	1424	1429	1423	1426	1419	1422		
40	1214	1206	1208	1197	1200	1188	1192	1180	1191	1180	1192	1188	1200	1197	1208	1206	1214		
45	746	710	705	661	658	619	618	582	603	582	618	619	658	661	705	710	746		
50	142	124	122	119	105	104	93.0	93.2	88.2	93.2	93.0	104	105	119	122	124	142		
55	36.1	34.6	34.4	32.8	32.1	30.9	30.7	29.7	29.5	29.7	30.7	30.9	32.1	32.8	34.4	34.6	36.1		
60	24.4	24.0	24.0	23.4	23.0	22.7	22.6	22.2	21.8	22.2	22.6	22.7	23.0	23.4	24.0	24.0	24.4		
65	20.0	19.9	19.7	19.4	19.0	18.8	18.7	18.3	18.0	18.3	18.7	18.8	19.0	19.4	19.7	19.9	20.0		
70	16.2	16.0	15.9	15.7	15.4	15.1	15.1	14.7	14.5	14.7	15.1	15.1	15.4	15.7	15.9	16.0	16.2		
75	12.0	11.7	11.7	11.4	11.4	11.2	11.2	10.9	10.8	10.9	11.2	11.2	11.4	11.4	11.7	11.7	12.0		
80	7.03	6.66	6.68	6.46	6.52	6.39	6.31	5.93	6.02	5.93	6.31	6.39	6.52	6.46	6.68	6.66	7.03		
85	1.41	1.21	1.19	1.07	1.06	0.99	1.00	0.96	1.00	0.96	1.00	0.99	1.06	1.07	1.19	1.21	1.41		
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: 2017-12-28

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=0.9904]
 Remarks: