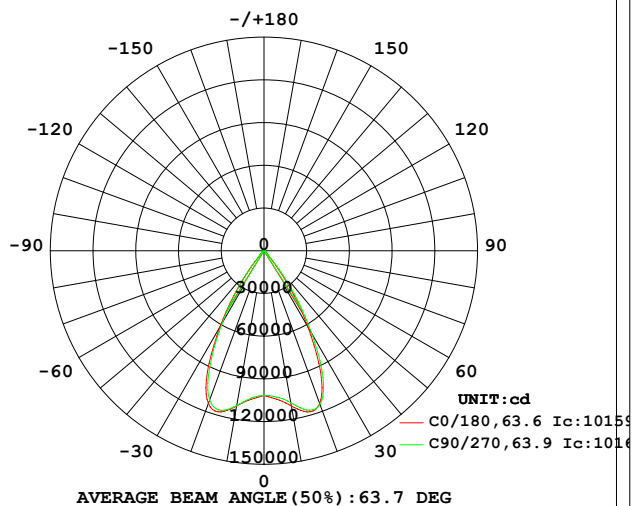


LUMINAIRE PHOTOMETRIC TEST REPORT

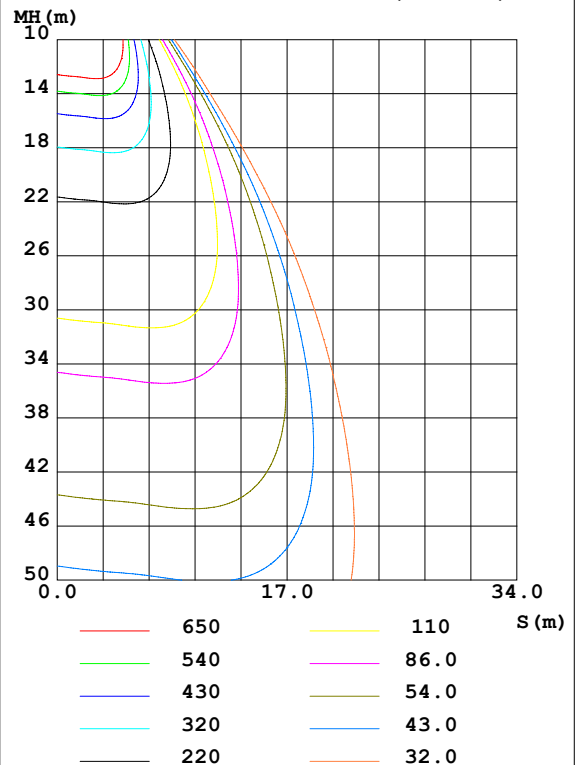
Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm		
NAME: AOK win	TYPE:LED	WEIGHT:8.5KG
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 530mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 156.31 lm/W			
MODEL	5050	I _{max} (cd)	117728	S/MH (C0/180)	0.92
NOMINAL POWER (W)	720	LOR (%)	100.0	S/MH (C90/270)	0.91
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	112023	η UP,DN (C0-180)	0.0,51.4
NOMINAL FLUX (lm)	112023	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,48.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.90

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1107	1091	1083	1091	1107	1091	1104	1091	0- 10	10117	10117	9.03,9.03
20	1143	1146	1150	1146	1143	1117	1116	1117	10- 20	32480	42597	38,38
30	618.0	655.7	670.7	655.7	618.0	594.8	588.3	594.8	20- 30	41864	84461	75.4,75.4
40	100.0	111.6	129.6	111.6	100.0	92.17	88.10	92.17	30- 40	20478	104939	93.7,93.7
50	22.30	22.73	23.47	22.73	22.30	21.58	22.01	21.58	40- 50	3243	108182	96.6,96.6
60	16.26	15.89	16.71	15.89	16.26	14.96	15.87	14.96	50- 60	1642	109823	98,98
70	10.34	10.01	10.81	10.01	10.34	9.467	10.19	9.467	60- 70	1227	111051	99.1,99.1
80	4.929	4.864	5.563	4.864	4.929	4.373	4.704	4.373	70- 80	776.9	111828	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	195.3	112023	100,100
100	0	0	0	0	0	0	0	0	90-100	0	112023	100,100
110	0	0	0	0	0	0	0	0	100-110	0	112023	100,100
120	0	0	0	0	0	0	0	0	110-120	0	112023	100,100
130	0	0	0	0	0	0	0	0	120-130	0	112023	100,100
140	0	0	0	0	0	0	0	0	130-140	0	112023	100,100
150	0	0	0	0	0	0	0	0	140-150	0	112023	100,100
160	0	0	0	0	0	0	0	0	150-160	0	112023	100,100
170	0	0	0	0	0	0	0	0	160-170	0	112023	100,100
180	0	0	0	0	0	0	0	0	170-180	0	112023	100,100
DEG	LUMINOUS INTENSITY:×100cd									UNIT:lm		

Conical surface Flux(90deg): 1.0709e+005 lm

%lum = 95.6%

%lamp = 95.6%

Conical surface Flux(120deg): 1.0982e+005 lm

%lum = 98.0%

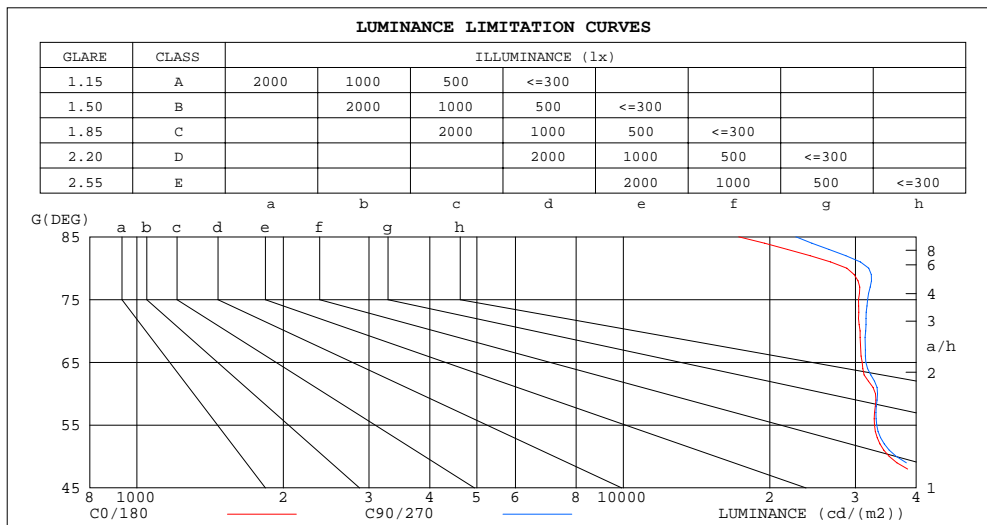
%lamp = 98.0%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm		
NAME: AOK win	TYPE:LED	WEIGHT:8.5KG
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 530mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	17265	22638
80	28798	31942
75	30447	31775
70	30664	31500
65	30965	31513
60	32985	33321
55	32830	33175
50	35200	36397
45	49441	55671

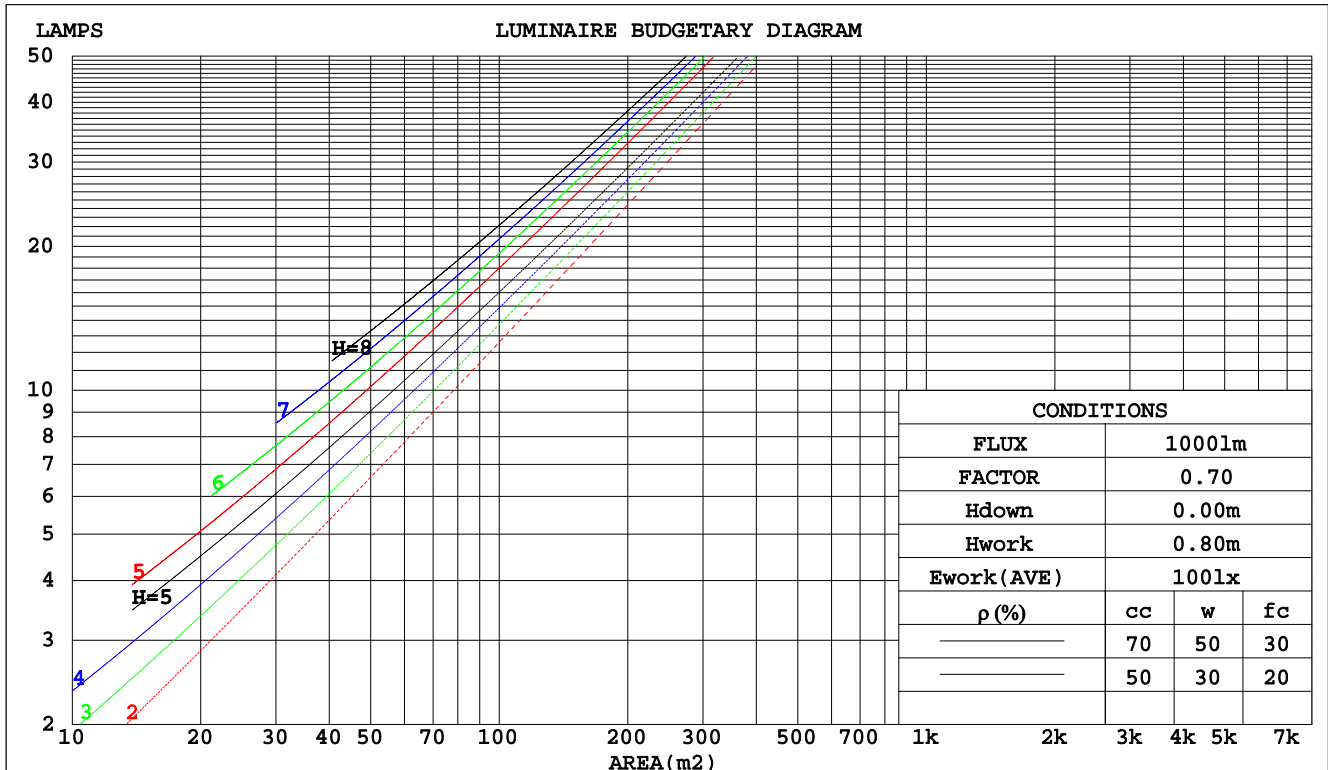
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm		
NAME: AOK win	TYPE:LED	WEIGHT:8.5KG
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P	DIM.: ϕ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 530mm	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	.00
1.0	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.95	1.01	.97	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.87
3.0	.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.80
4.0	.90	.84	.80	.88	.83	.79	.86	.82	.78	.84	.80	.77	.82	.79	.77	.75
5.0	.84	.78	.74	.83	.78	.73	.81	.76	.73	.80	.75	.72	.78	.74	.71	.70
6.0	.79	.73	.69	.78	.72	.68	.77	.72	.68	.75	.71	.67	.74	.70	.67	.65
7.0	.74	.68	.64	.73	.68	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.61
8.0	.70	.64	.60	.69	.64	.60	.68	.63	.59	.67	.63	.59	.66	.62	.59	.58
9.0	.66	.60	.56	.66	.60	.56	.65	.59	.56	.64	.59	.56	.63	.59	.55	.54
10.0	.62	.57	.53	.62	.56	.53	.61	.56	.53	.60	.56	.52	.60	.55	.52	.51



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm		
NAME: AOK win	TYPE:LED	WEIGHT:8.5KG
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P	DIM.: ϕ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 530mm	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	.183	.104	.033	.176	.100	.032	.163	.094	.030	.152	.087	.028	.141	.082	.026	
2.0	.174	.095	.029	.168	.093	.029	.157	.088	.027	.148	.083	.026	.139	.078	.025	
3.0	.165	.088	.026	.160	.086	.026	.151	.082	.025	.142	.078	.024	.135	.075	.023	
4.0	.156	.081	.024	.152	.080	.024	.144	.077	.023	.137	.074	.022	.130	.071	.022	
5.0	.149	.076	.022	.145	.074	.022	.138	.072	.021	.132	.070	.021	.126	.067	.020	
6.0	.142	.071	.020	.139	.070	.020	.133	.068	.020	.127	.066	.019	.122	.064	.019	
7.0	.135	.067	.019	.133	.066	.019	.127	.064	.019	.122	.063	.018	.118	.061	.018	
8.0	.129	.063	.018	.127	.063	.018	.122	.061	.017	.118	.060	.017	.114	.058	.017	
9.0	.124	.060	.017	.122	.059	.017	.118	.058	.016	.114	.057	.016	.110	.056	.016	
10.0	.119	.057	.016	.117	.057	.016	.113	.055	.016	.110	.054	.015	.106	.053	.015	

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	.172	.157	.144	.147	.135	.124	.100	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.156	.132	.112	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.089	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.059	.108	.076	.052	.074	.053	.036	.043	.031	.022	.014	.010	.007	
6.0	.118	.078	.049	.101	.068	.043	.070	.047	.030	.041	.028	.018	.013	.009	.006	
7.0	.111	.071	.042	.096	.061	.036	.066	.043	.026	.038	.025	.015	.012	.008	.005	
8.0	.106	.064	.036	.091	.056	.031	.063	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.101	.059	.031	.087	.051	.027	.060	.036	.019	.035	.021	.011	.011	.007	.004	
10.0	.096	.055	.027	.083	.048	.024	.058	.033	.017	.034	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm										
NAME: AOK win					TYPE:LED			WEIGHT:8.5KG		
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P					DIM.: Φ 550*200mm			SERIAL No.:		
MFR.: AOK					SUR.: Φ 530mm			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	7.7	8.6	7.9	8.8	9.0	8.1	9.0	8.3	9.2	9.4
3H	7.8	8.7	8.0	8.9	9.1	8.1	9.0	8.4	9.2	9.4
4H	7.9	8.7	8.1	8.9	9.1	8.2	9.1	8.5	9.3	9.5
6H	7.9	8.7	8.2	9.0	9.2	8.3	9.1	8.6	9.3	9.6
8H	8.0	8.7	8.3	9.0	9.2	8.3	9.1	8.6	9.3	9.6
12H	7.9	8.7	8.3	8.9	9.2	8.3	9.0	8.6	9.3	9.6
4H 2H	7.5	8.4	7.8	8.6	8.8	7.9	8.7	8.2	9.0	9.2
3H	7.7	8.5	8.1	8.7	9.0	8.1	8.8	8.4	9.1	9.3
4H	7.9	8.6	8.3	8.9	9.2	8.2	8.9	8.6	9.2	9.5
6H	8.1	8.7	8.5	9.0	9.3	8.4	9.0	8.8	9.3	9.7
8H	8.1	8.7	8.5	9.0	9.4	8.5	9.0	8.9	9.4	9.7
12H	8.1	8.6	8.5	9.0	9.4	8.5	9.0	8.9	9.4	9.7
8H 4H	7.9	8.4	8.3	8.8	9.2	8.2	8.8	8.6	9.1	9.5
6H	8.2	8.6	8.6	9.0	9.4	8.5	8.9	8.9	9.3	9.7
8H	8.2	8.6	8.7	9.0	9.5	8.6	9.0	9.0	9.4	9.8
12H	8.3	8.6	8.7	9.0	9.5	8.6	9.0	9.1	9.4	9.9
12H 4H	7.9	8.4	8.3	8.7	9.1	8.2	8.7	8.6	9.0	9.4
6H	8.1	8.5	8.6	9.0	9.4	8.5	8.9	8.9	9.3	9.7
8H	8.2	8.6	8.7	9.0	9.5	8.6	8.9	9.0	9.4	9.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / - 2.1					+ 2.9 / - 2.5				
1.5H	+ 4.6 / - 2.1					+ 5.2 / - 2.4				
2.0H	+ 0.6 / - 0.3					+ 0.9 / - 0.3				

CIE Pub.117, 112023 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 16.4$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm		
NAME: AOK win	TYPE:LED	WEIGHT:8.5KG
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 530mm	Shielding Angle:

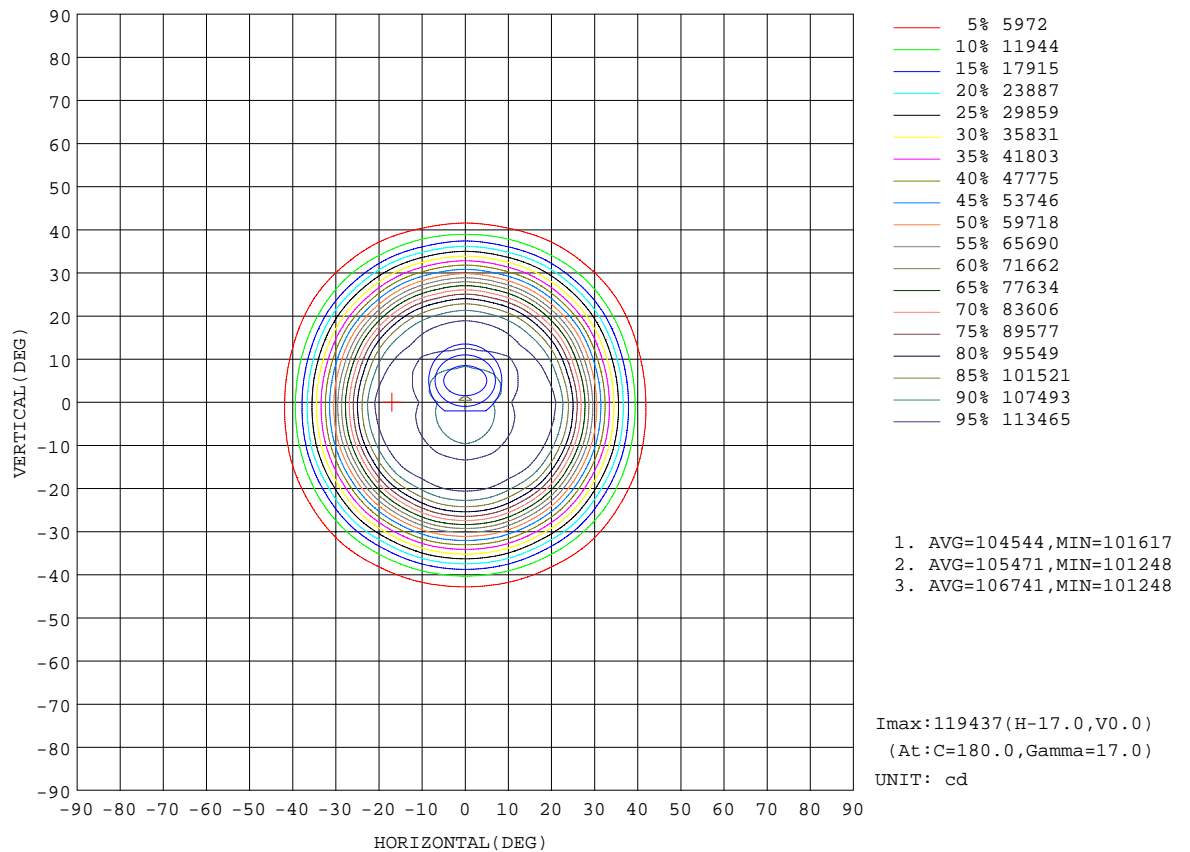
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	95
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	98
5.00	115	113	111	113	111	109	109	107	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm		
NAME: AOK win	TYPE:LED	WEIGHT:8.5KG
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 530mm	Shielding Angle:



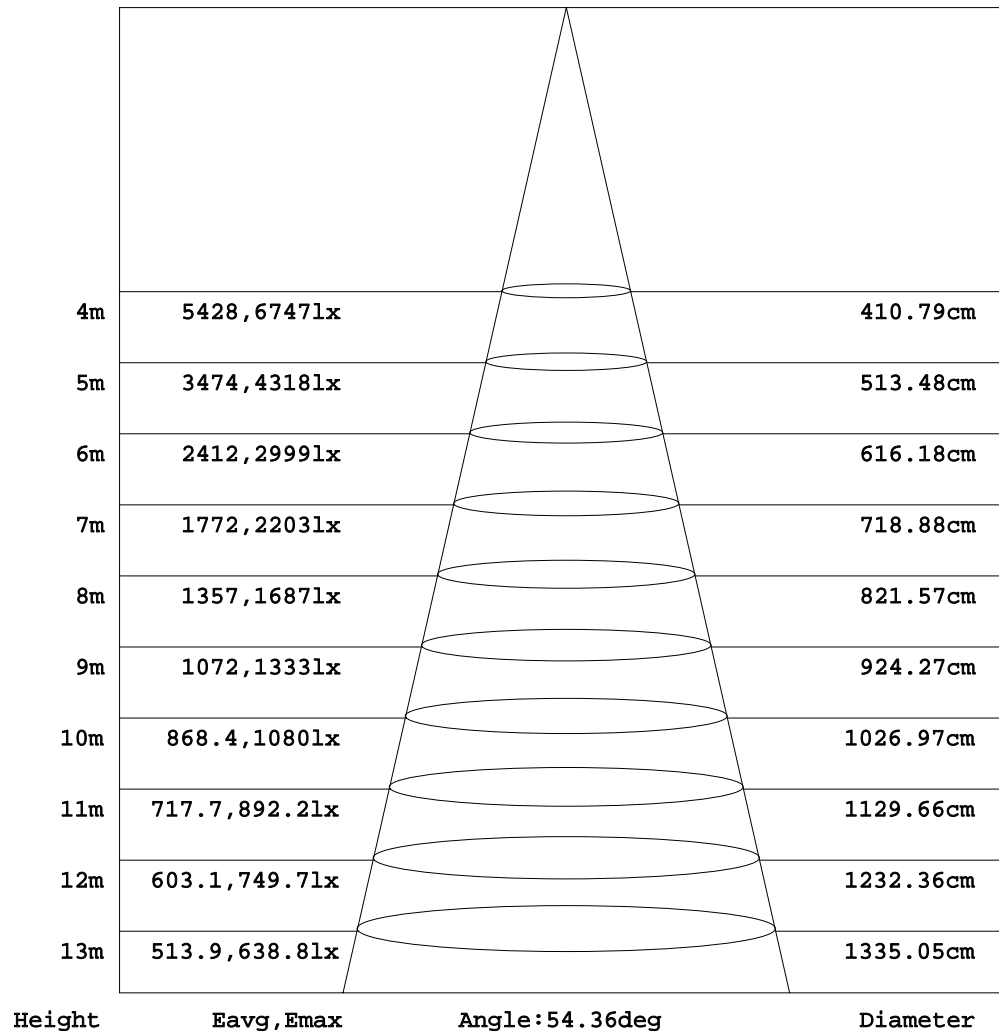
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

AAI Figure

Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm		
NAME: AOK win	TYPE:LED	WEIGHT:8.5KG
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P	DIM.: $\Phi 550 \times 200\text{mm}$	SERIAL No.:
MFR.: AOK	SUR.: $\Phi 530\text{mm}$	Shielding Angle:

Flux out:77130 lm



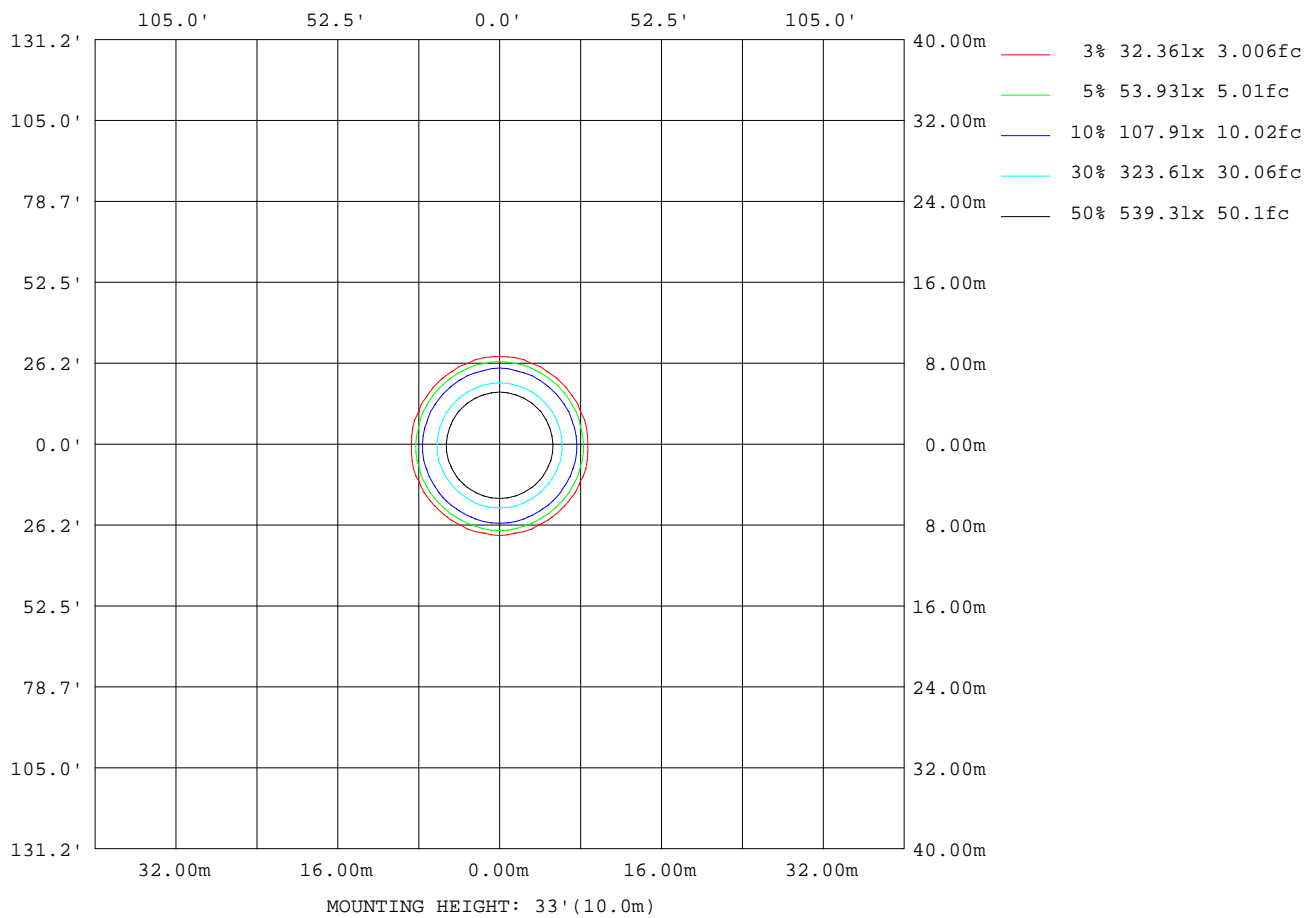
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.801m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm		
NAME: AOK win	TYPE:LED	WEIGHT:8.5KG
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P	DIM.: $\Phi 550 \times 200$ mm	SERIAL No.:
MFR.: AOK	SUR.: $\Phi 530$ mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm		
NAME: AOK win	TYPE:LED	WEIGHT:8.5KG
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 530mm	Shielding Angle:

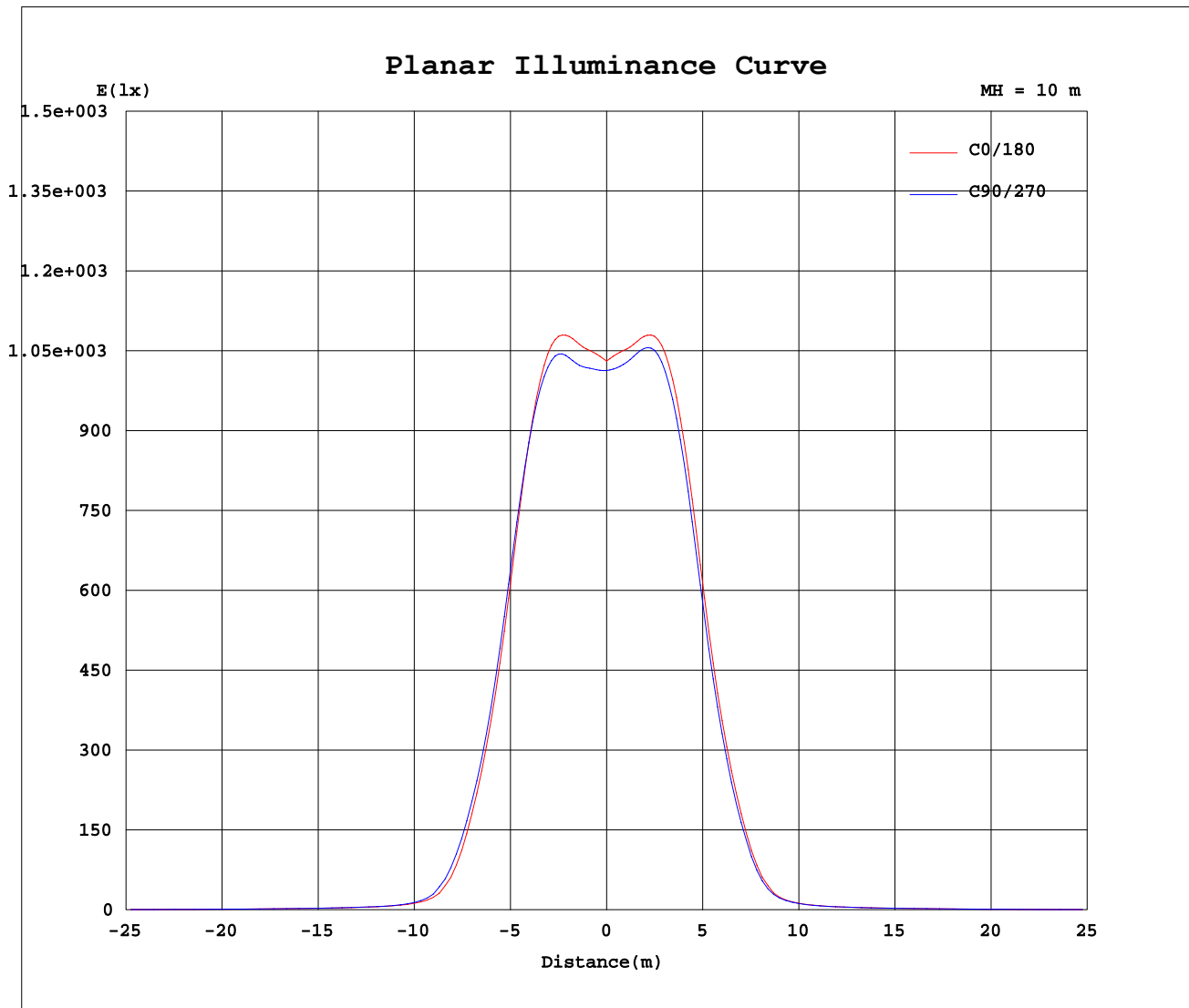
AvgL	cd/m2
L_0~180 (65) av	30522
L_0~180 (75) av	30012
L_0~180 (85) av	17018
L_90~270 (65) av	30860
L_90~270 (75) av	30785
L_90~270 (85) av	18932
L_45 (65) av	28265
L_45 (75) av	27963
L_45 (85) av	16999

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm		
NAME: AOK win	TYPE:LED	WEIGHT:8.5KG
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 530mm	Shielding Angle:

Table--1

UNIT: $\times 100\text{cd}$

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016
5	1048	1047	1046	1043	1040	1036	1032	1036	1040	1043	1046	1047	1048	1044	1043	1044	1044	1044	1039
10	1107	1098	1094	1091	1088	1086	1083	1086	1088	1091	1094	1098	1107	1105	1092	1091	1100	1109	1104
15	1171	1160	1155	1155	1151	1157	1158	1157	1151	1155	1155	1160	1171	1170	1151	1144	1154	1162	1160
20	1143	1141	1143	1146	1139	1147	1150	1147	1139	1146	1143	1141	1143	1141	1129	1117	1119	1114	1116
25	941	957	962	975	969	980	981	980	969	975	962	957	941	935	936	918	913	894	903
30	618	638	638	656	658	672	671	672	658	656	638	638	618	612	610	595	592	580	588
35	324	336	336	348	352	367	372	367	352	348	336	336	324	317	311	296	298	291	299
40	100	104	112	112	115	125	130	125	115	112	112	104	100	95.6	90.4	92.2	85.9	91.0	88.1
45	34.5	35.9	35.2	36.4	36.4	38.7	39.5	38.7	36.4	36.4	35.2	35.9	34.5	33.3	33.0	32.1	33.0	32.9	33.9
50	22.3	21.9	21.9	22.7	22.0	22.4	23.5	22.4	22.0	22.7	21.9	21.9	22.3	21.1	21.2	21.6	21.2	21.1	22.0
55	18.6	18.1	18.1	18.8	18.2	18.4	19.1	18.4	18.2	18.8	18.1	18.1	18.6	17.7	17.8	18.1	17.8	17.7	18.3
60	16.3	15.9	15.5	15.9	15.6	16.1	16.7	16.1	15.6	15.9	15.5	15.9	16.3	15.5	15.1	15.0	14.9	15.2	15.9
65	12.9	12.5	11.9	12.1	12.1	12.7	13.4	12.7	12.1	12.1	11.9	12.5	12.9	12.2	11.7	11.8	11.7	12.0	12.7
70	10.3	9.87	9.68	10.0	9.81	10.2	10.8	10.2	9.81	10.0	9.68	9.87	10.3	9.59	9.46	9.47	9.37	9.45	10.2
75	7.77	7.55	7.24	7.47	7.37	7.80	8.25	7.80	7.37	7.47	7.24	7.55	7.77	7.31	7.08	7.01	6.99	7.18	7.69
80	4.93	4.91	4.71	4.86	4.86	5.26	5.56	5.26	4.86	4.86	4.71	4.91	4.93	4.65	4.52	4.37	4.40	4.36	4.70
85	1.48	1.58	1.58	1.69	1.72	1.88	1.98	1.88	1.72	1.69	1.58	1.58	1.48	1.42	1.40	1.27	1.26	1.19	1.32
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:
Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.0V I:3.302A P:716.7W PF:0.9912 Freq:49.99Hz Lamp Flux:112023x1 lm		
NAME: AOK win	TYPE:LED	WEIGHT:8.5KG
SPEC.:AOK-720WiNS-NV-L5-00-5070-60D-P	DIM.: ϕ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 530mm	Shielding Angle:

Table--2

UNIT: $\times 100\text{cd}$

C (DEG) γ (DEG)	285	300	315	330	345														
0	1016	1016	1016	1016	1016														
5	1044	1044	1044	1043	1044														
10	1109	1100	1091	1092	1105														
15	1162	1154	1144	1151	1170														
20	1114	1119	1117	1129	1141														
25	894	913	918	936	935														
30	580	592	595	610	612														
35	291	298	296	311	317														
40	91.0	85.9	92.2	90.4	95.6														
45	32.9	33.0	32.1	33.0	33.3														
50	21.1	21.2	21.6	21.2	21.1														
55	17.7	17.8	18.1	17.8	17.7														
60	15.2	14.9	15.0	15.1	15.5														
65	12.0	11.7	11.8	11.7	12.2														
70	9.45	9.37	9.47	9.46	9.59														
75	7.18	6.99	7.01	7.08	7.31														
80	4.36	4.40	4.37	4.52	4.65														
85	1.19	1.26	1.27	1.40	1.42														
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:
Test Date:2019-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks: