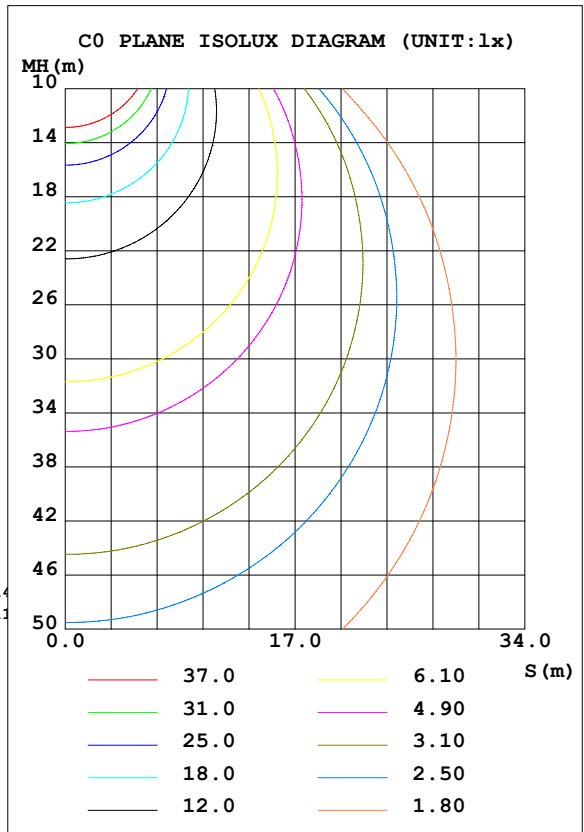
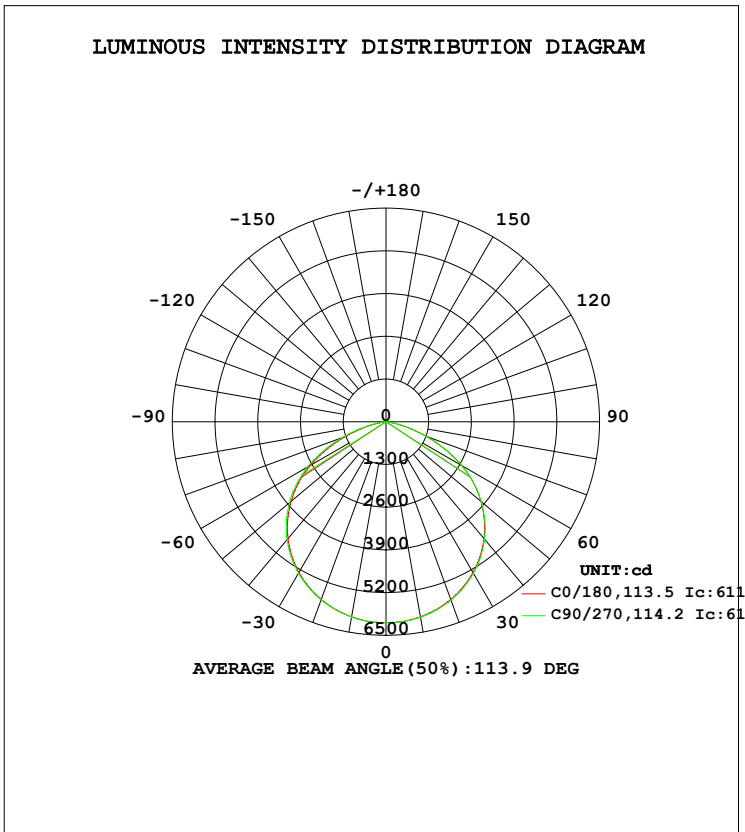


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P	DIM.: ϕ 420*165mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 240mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 177.98 lm/W			
MODEL	2835	I _{max} (cd)	6115	S/MH (C0/180)	1.29
NOMINAL POWER (W)	95	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	16966	η UP, DN (C0-180)	0.0,49.7
NOMINAL FLUX (lm)	16966.1	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0,50.3
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	6027	6035	6039	6035	6027	6026	6035	6026	0- 10	579.9	579.9	3.42,3.42
20	5758	5769	5778	5769	5758	5756	5769	5756	10- 20	1672	2252	13.3,13.3
30	5297	5318	5325	5318	5297	5302	5325	5302	20- 30	2563	4814	28.4,28.4
40	4641	4657	4666	4657	4641	4653	4684	4653	30- 40	3132	7947	46.8,46.8
50	3769	3795	3784	3795	3769	3816	3834	3816	40- 50	3279	11225	66.2,66.2
60	2659	2657	2654	2657	2659	2720	2755	2720	50- 60	2919	14144	83.4,83.4
70	1321	1311	1291	1311	1321	1399	1441	1399	60- 70	1997	16142	95.1,95.1
80	207.7	194.6	196.7	194.6	207.7	246.9	306.5	246.9	70- 80	773.4	16915	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	51.24	16966	100,100
100	0	0	0	0	0	0	0	0	90-100	0	16966	100,100
110	0	0	0	0	0	0	0	0	100-110	0	16966	100,100
120	0	0	0	0	0	0	0	0	110-120	0	16966	100,100
130	0	0	0	0	0	0	0	0	120-130	0	16966	100,100
140	0	0	0	0	0	0	0	0	130-140	0	16966	100,100
150	0	0	0	0	0	0	0	0	140-150	0	16966	100,100
160	0	0	0	0	0	0	0	0	150-160	0	16966	100,100
170	0	0	0	0	0	0	0	0	160-170	0	16966	100,100
180	0	0	0	0	0	0	0	0	170-180	0	16966	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 9597.6 lm

%lum = 56.6%
 %lamp = 56.6%

Conical surface Flux(120deg): 14144 lm

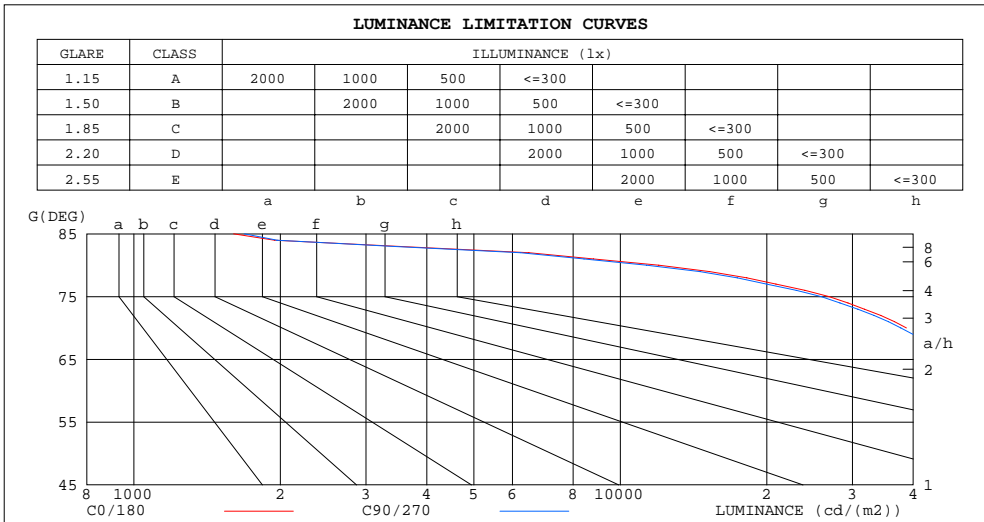
%lum = 83.4%
 %lamp = 83.4%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P	DIM.: ϕ 420*165mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 240mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1603	1687
80	11993	11322
75	26842	25857
70	38728	37721
65	47322	46686
60	53305	53053
55	56904	56809
50	58789	58835
45	60038	60187

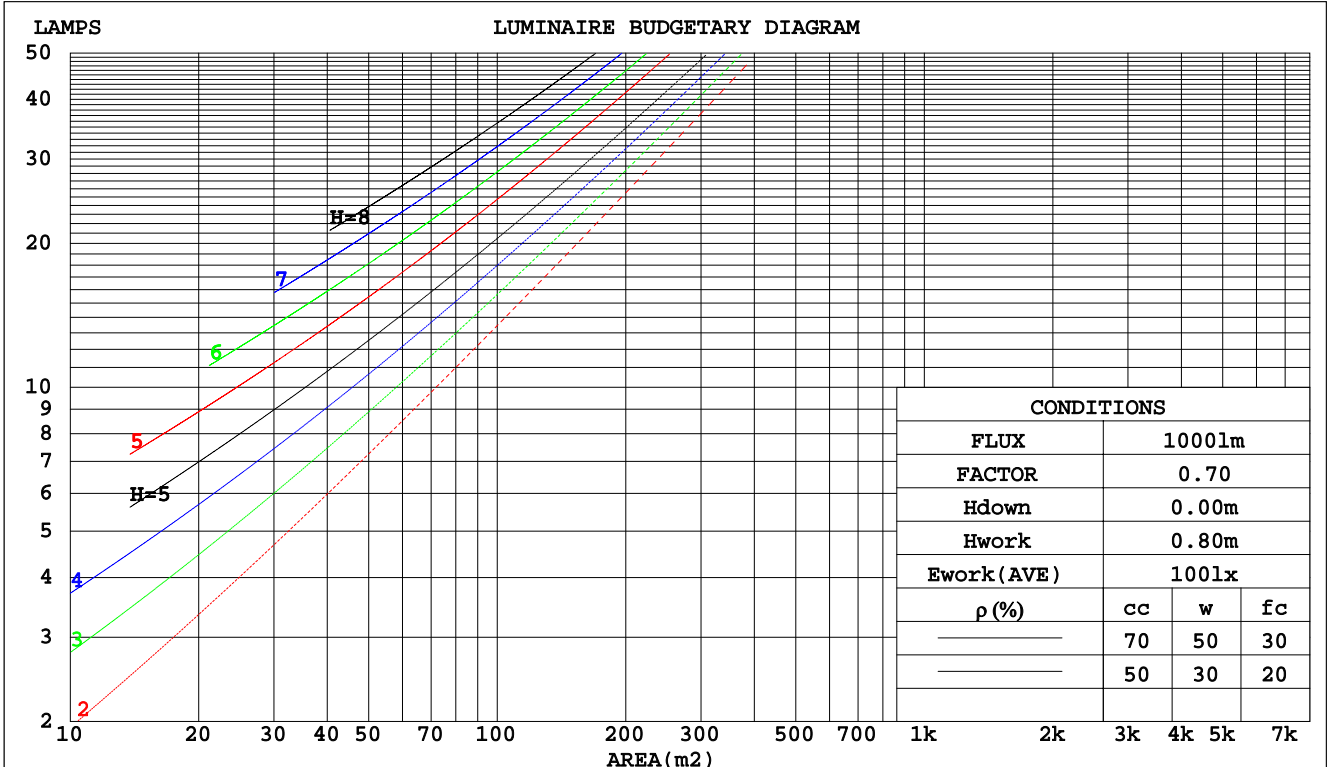
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P	DIM.: ϕ 420*165mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 240mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																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	1.05	1.01	.98	1.03	.90	.96	.99	.96	.93	.95	.93	.90	.91	.90	.88	.86
2.0	.92	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72
3.0	.81	.74	.67	.80	.73	.67	.77	.71	.65	.74	.69	.64	.72	.67	.63	.61
4.0	.72	.64	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.64	.59	.54	.52
5.0	.64	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.39	.34	.47	.39	.34	.46	.39	.33	.45	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.40	.33	.27	.40	.32	.27	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks:

WEC AND CCEC

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P	DIM.: ϕ 420*165mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 240mm	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.281	.160	.051	.274	.156	.050	.261	.150	.048	.249	.143	.046	.237	.138	.044	
2.0	.273	.150	.046	.267	.147	.045	.255	.142	.044	.245	.137	.043	.235	.133	.042	
3.0	.257	.137	.041	.252	.135	.041	.242	.131	.040	.232	.127	.039	.223	.124	.038	
4.0	.240	.125	.037	.235	.123	.036	.226	.120	.036	.218	.117	.035	.210	.114	.035	
5.0	.224	.114	.033	.220	.113	.033	.212	.110	.032	.204	.108	.032	.197	.105	.032	
6.0	.209	.105	.030	.205	.104	.030	.198	.101	.029	.191	.099	.029	.185	.097	.029	
7.0	.195	.096	.027	.192	.096	.027	.185	.094	.027	.179	.092	.027	.174	.090	.027	
8.0	.183	.089	.025	.180	.089	.025	.174	.087	.025	.169	.085	.025	.164	.084	.024	
9.0	.172	.083	.023	.169	.082	.023	.164	.081	.023	.159	.080	.023	.154	.078	.023	
10.0	.162	.078	.022	.159	.077	.021	.155	.076	.021	.150	.075	.021	.146	.073	.021	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.178	.156	.137	.153	.134	.118	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.145	.114	.087	.100	.079	.060	.057	.046	.035	.018	.015	.012	
3.0	.162	.114	.076	.139	.099	.066	.095	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.060	.133	.087	.052	.091	.061	.036	.053	.036	.022	.017	.012	.007	
5.0	.147	.090	.048	.127	.078	.042	.087	.055	.030	.051	.032	.018	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.115	.065	.029	.080	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm										
NAME: AOK-IV				TYPE:LED			WEIGHT:6.7KG			
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P				DIM.: ϕ 420*165mm			SERIAL No.:			
MFR.: AOK				SUR.: ϕ 240mm			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	17.1	18.6	17.4	18.8	19.0	17.2	18.7	17.5	18.9	19.1
3H	18.2	19.5	18.5	19.8	20.0	18.2	19.6	18.5	19.8	20.1
4H	18.4	19.7	18.7	19.9	20.2	18.5	19.8	18.8	20.0	20.3
6H	18.4	19.6	18.7	19.9	20.2	18.5	19.7	18.8	19.9	20.2
8H	18.4	19.5	18.7	19.8	20.1	18.4	19.6	18.8	19.9	20.2
12H	18.3	19.4	18.7	19.7	20.0	18.4	19.5	18.7	19.8	20.1
4H 2H	17.6	18.9	17.9	19.1	19.4	17.7	19.0	18.0	19.2	19.5
3H	18.8	19.9	19.1	20.2	20.5	18.9	20.0	19.2	20.3	20.6
4H	19.0	20.1	19.4	20.4	20.7	19.1	20.2	19.5	20.5	20.8
6H	19.1	20.0	19.5	20.4	20.7	19.2	20.1	19.6	20.4	20.8
8H	19.1	19.9	19.5	20.3	20.6	19.2	20.0	19.6	20.4	20.7
12H	19.0	19.8	19.4	20.2	20.6	19.1	19.9	19.5	20.3	20.7
8H 4H	19.1	19.9	19.5	20.3	20.7	19.2	20.0	19.6	20.4	20.8
6H	19.2	19.9	19.6	20.3	20.7	19.3	19.9	19.7	20.4	20.8
8H	19.2	19.8	19.6	20.2	20.6	19.2	19.8	19.7	20.3	20.7
12H	19.1	19.6	19.6	20.1	20.6	19.2	19.7	19.7	20.2	20.6
12H 4H	19.1	19.8	19.5	20.2	20.6	19.1	19.9	19.6	20.3	20.7
6H	19.1	19.8	19.6	20.2	20.6	19.2	19.8	19.7	20.3	20.7
8H	19.1	19.6	19.6	20.1	20.6	19.2	19.7	19.7	20.2	20.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.6				
2.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.4				

CIE Pub.117, 16966 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 9.8$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P	DIM.: φ420*165mm	SERIAL No.:
MFR.: AOK	SUR.:φ240mm	Shielding Angle:

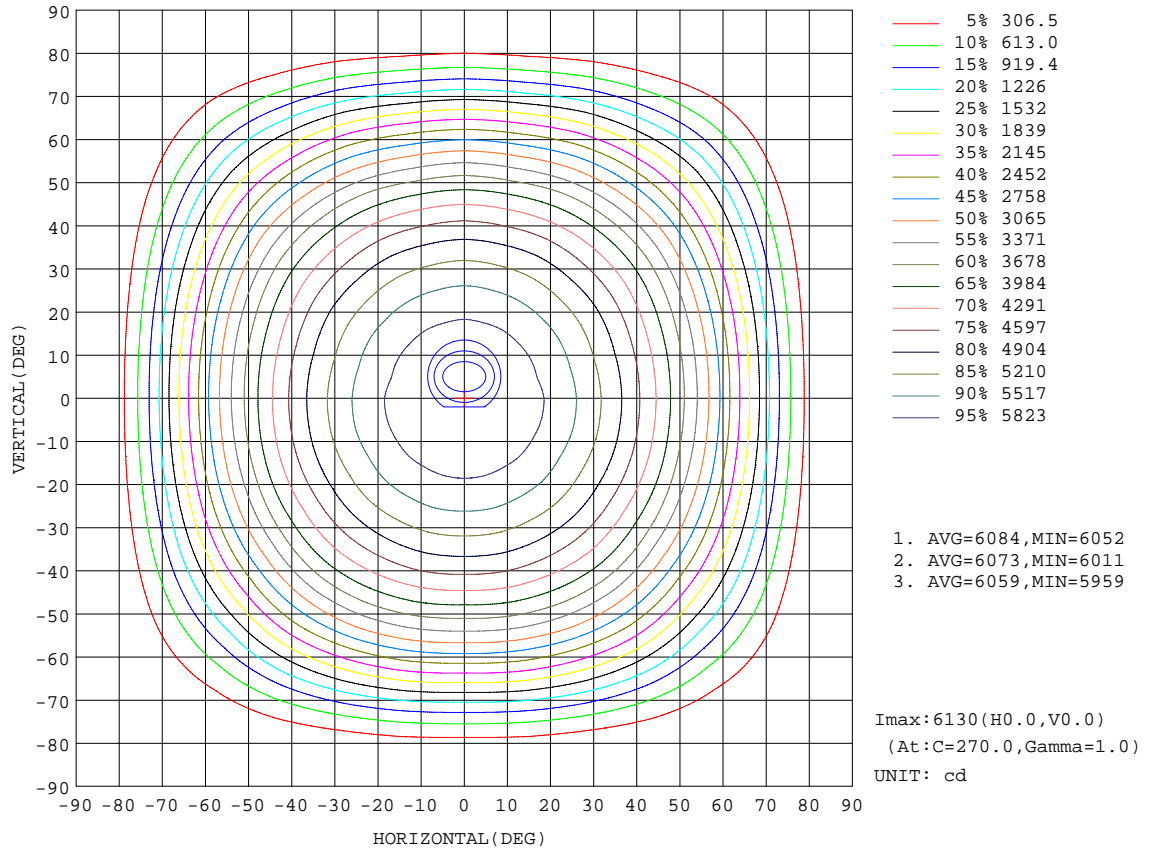
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	58	47	40	57	46	40	33
0.80	69	57	50	68	57	50	66	56	50	43
1.00	78	67	60	76	66	60	74	68	59	52
1.25	85	75	68	83	74	68	81	73	67	60
1.50	90	80	74	88	80	73	85	78	72	65
2.00	97	89	83	95	88	82	92	85	80	73
2.50	100	93	88	98	92	87	95	89	85	77
3.00	104	97	92	102	96	91	98	93	89	81
4.00	107	102	98	105	101	97	101	97	94	85
5.00	110	105	102	107	103	100	103	100	97	88
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:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P	DIM.: ϕ 420*165mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 240mm	Shielding Angle:



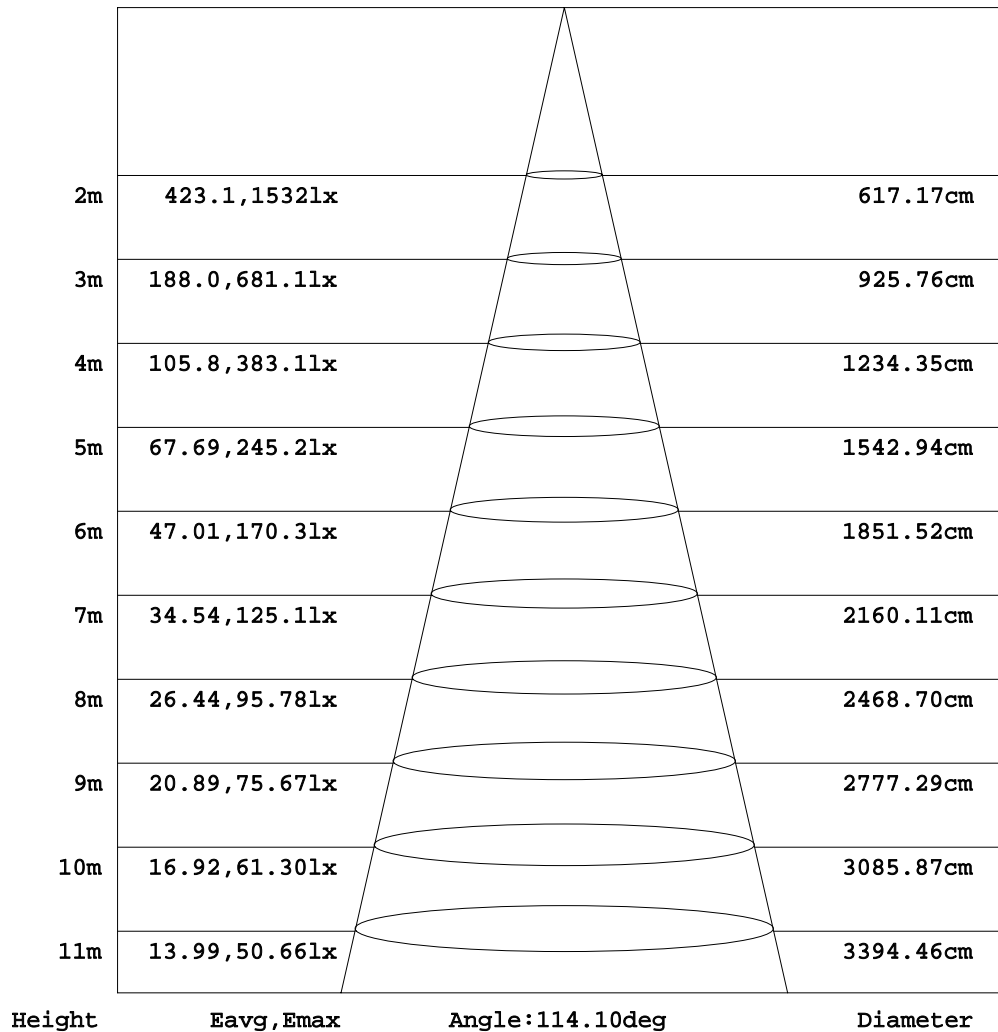
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks:

AAI Figure

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P	DIM.: ϕ 420*165mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 240mm	Shielding Angle:

Flux out:13616 lm



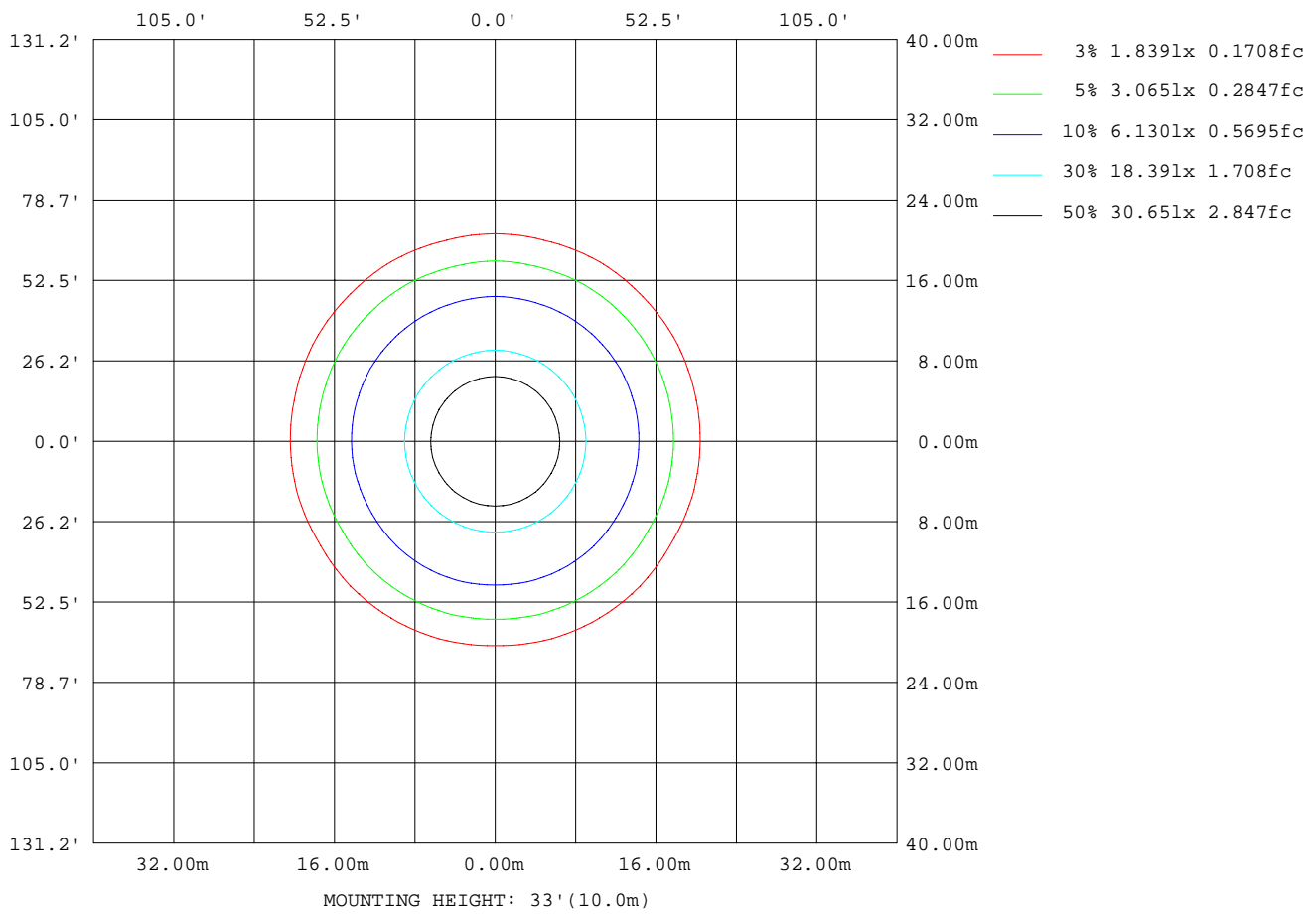
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.684m [K=1.0177]
 Remarks:

ISOLUX DIAGRAM

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P	DIM.: ϕ 420*165mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 240mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks:

LED Avg.L Report

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P	DIM.: φ420*165mm	SERIAL No.:
MFR.: AOK	SUR.:φ240mm	Shielding Angle:

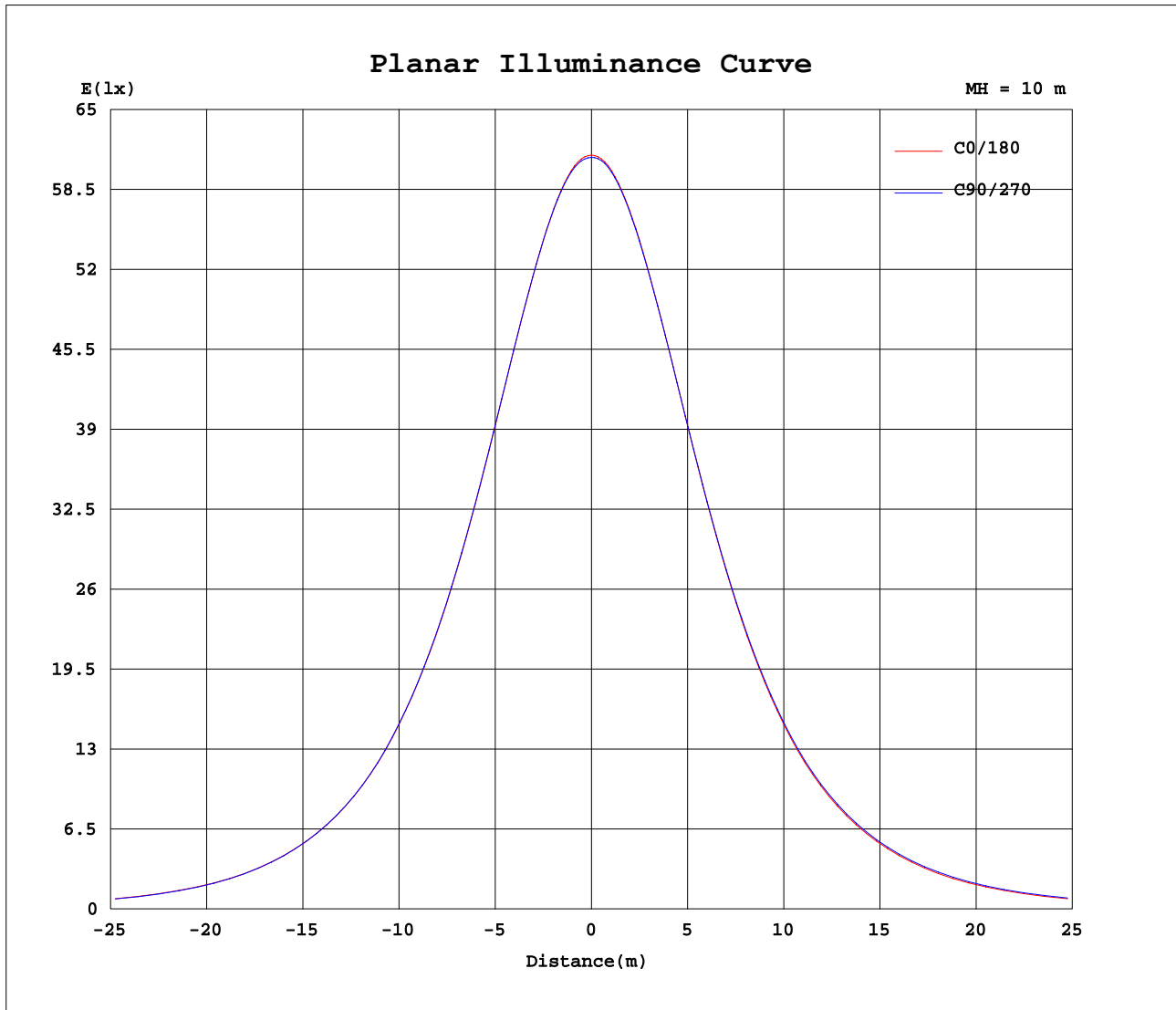
AvgL	cd/m2
L_0~180 (65) av	47203
L_0~180 (75) av	26774
L_0~180 (85) av	1599
L_90~270 (65) av	48236
L_90~270 (75) av	28554
L_90~270 (85) av	2247
L_45 (65) av	48274
L_45 (75) av	27508
L_45 (85) av	1668

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.684m [K=1.0177]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P	DIM.: ϕ 420*165mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 240mm	Shielding Angle:

Table--1

UNIT: 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	6114	6114	6114	6114	6114	6114	6114	6114	6114	6114	6114	6114	6114	6114	6114	6114	6114	6114	6114
5	6096	6096	6096	6099	6099	6102	6101	6102	6099	6099	6096	6096	6096	6095	6097	6095	6097	6098	6102
10	6027	6031	6030	6035	6035	6039	6039	6039	6035	6035	6030	6031	6027	6025	6028	6026	6029	6029	6035
15	5914	5919	5918	5926	5924	5931	5931	5931	5924	5926	5918	5919	5914	5909	5915	5912	5919	5917	5923
20	5758	5764	5760	5769	5766	5774	5778	5774	5766	5769	5760	5764	5758	5749	5760	5756	5764	5759	5769
25	5551	5559	5550	5568	5565	5578	5574	5578	5565	5568	5550	5559	5551	5547	5556	5550	5557	5556	5569
30	5297	5306	5297	5318	5316	5329	5325	5329	5316	5318	5297	5306	5297	5295	5308	5302	5311	5309	5325
35	4996	5001	4996	5013	5017	5026	5022	5026	5017	5013	4996	5001	4996	4992	5011	4998	5016	5010	5028
40	4641	4642	4637	4657	4666	4677	4666	4677	4666	4657	4637	4642	4641	4646	4664	4653	4670	4662	4684
45	4235	4236	4220	4260	4265	4273	4258	4273	4265	4260	4220	4236	4235	4243	4268	4264	4271	4266	4289
50	3769	3762	3753	3795	3810	3811	3784	3811	3810	3795	3753	3762	3769	3791	3821	3816	3827	3808	3834
55	3256	3228	3202	3260	3288	3290	3260	3290	3288	3260	3202	3228	3256	3278	3312	3302	3310	3290	3332
60	2659	2632	2600	2657	2677	2680	2654	2680	2677	2657	2600	2632	2659	2676	2721	2720	2743	2716	2755
65	1995	1982	1927	2004	2012	2015	1974	2015	2012	2004	1927	1982	1995	2021	2075	2076	2109	2079	2103
70	1321	1293	1238	1311	1332	1328	1291	1328	1332	1311	1238	1293	1321	1342	1394	1399	1429	1392	1441
75	693	675	626	670	676	680	670	680	676	670	626	675	693	698	743	754	780	780	809
80	208	212	180	195	194	214	197	214	194	195	180	212	208	212	248	247	278	277	306
85	13.9	13.8	12.6	13.2	12.9	14.4	14.7	14.4	12.9	13.2	12.6	13.8	13.9	14.0	15.4	15.9	17.6	19.0	24.5
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:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.2V I:0.4393A P:95.33W PF:0.9856 Freq:49.99Hz Lamp Flux:16966.1x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-96WiV-NV-L2-00-5080-120-P	DIM.: φ420*165mm	SERIAL No.:
MFR.: AOK	SUR.:φ240mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	285	300	315	330	345															
0	6114	6114	6114	6114	6114															
5	6098	6097	6095	6097	6095															
10	6029	6029	6026	6028	6025															
15	5917	5919	5912	5915	5909															
20	5759	5764	5756	5760	5749															
25	5556	5557	5550	5556	5547															
30	5309	5311	5302	5308	5295															
35	5010	5016	4998	5011	4992															
40	4662	4670	4653	4664	4646															
45	4266	4271	4264	4268	4243															
50	3808	3827	3816	3821	3791															
55	3290	3310	3302	3312	3278															
60	2716	2743	2720	2721	2676															
65	2079	2109	2076	2075	2021															
70	1392	1429	1399	1394	1342															
75	780	780	754	743	698															
80	277	278	247	248	212															
85	19.0	17.6	15.9	15.4	14.0															
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:2019-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0177]
 Remarks: