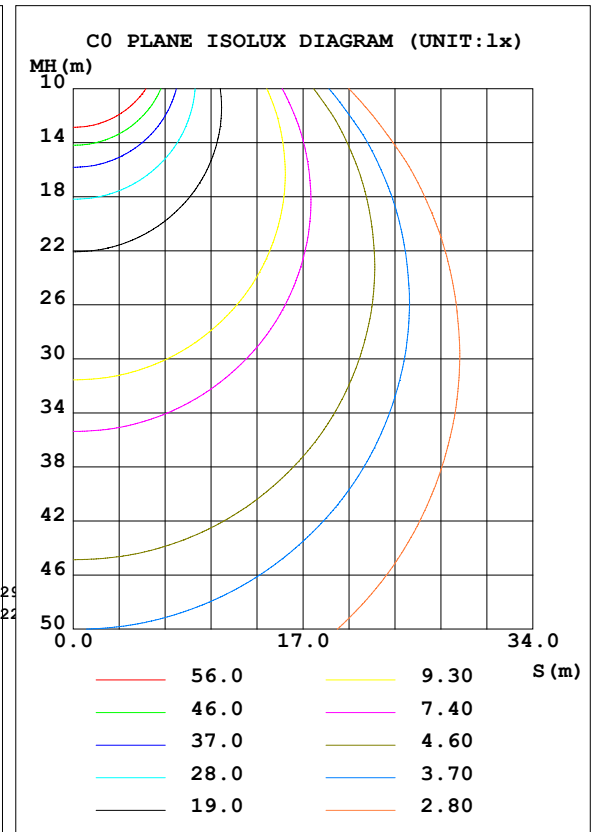
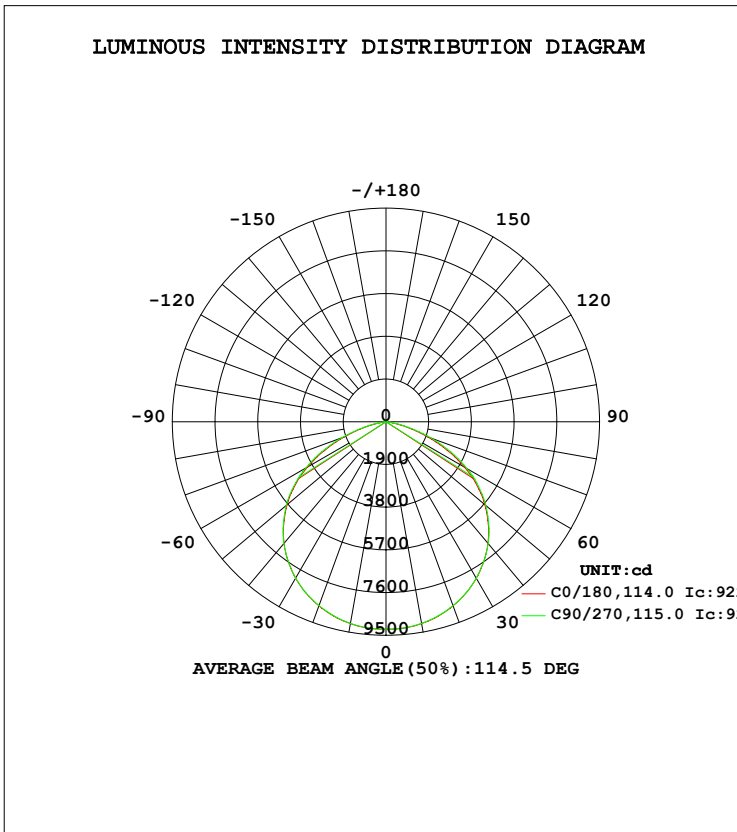


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-145WiV-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: 177.36 lm/W			
MODEL	2835	I _{max} (cd)	9229	S/MH (C0/180)	1.29
NOMINAL POWER (W)	145	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	25663	η UP, DN (C0-180)	0.0, 50.2
NOMINAL FLUX (lm)	25662.6	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.8
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: 2019-05-10

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=1.0216]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	9116	9115	9105	9115	9116	9110	9108	9110	0- 10	875.8	875.8	3.41,3.41
20	8714	8724	8707	8724	8714	8707	8708	8707	10- 20	2527	3403	13.3,13.3
30	8038	8040	8034	8040	8038	8016	8033	8016	20- 30	3878	7281	28.4,28.4
40	7059	7066	7070	7066	7059	7024	7065	7024	30- 40	4742	12023	46.9,46.9
50	5745	5773	5801	5773	5745	5696	5787	5696	40- 50	4965	16988	66.2,66.2
60	4019	4099	4157	4099	4019	3959	4120	3959	50- 60	4417	21405	83.4,83.4
70	1982	2075	2156	2075	1982	1916	2102	1916	60- 70	3017	24422	95.2,95.2
80	298.2	379.6	417.8	379.6	298.2	291.1	381.5	291.1	70- 80	1162	25584	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	78.30	25663	100,100
100	0	0	0	0	0	0	0	0	90-100	0	25663	100,100
110	0	0	0	0	0	0	0	0	100-110	0	25663	100,100
120	0	0	0	0	0	0	0	0	110-120	0	25663	100,100
130	0	0	0	0	0	0	0	0	120-130	0	25663	100,100
140	0	0	0	0	0	0	0	0	130-140	0	25663	100,100
150	0	0	0	0	0	0	0	0	140-150	0	25663	100,100
160	0	0	0	0	0	0	0	0	150-160	0	25663	100,100
170	0	0	0	0	0	0	0	0	160-170	0	25663	100,100
180	0	0	0	0	0	0	0	0	170-180	0	25663	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 14523 lm

%lum = 56.6%
%lamp = 56.6%

Conical surface Flux(120deg): 21405 lm

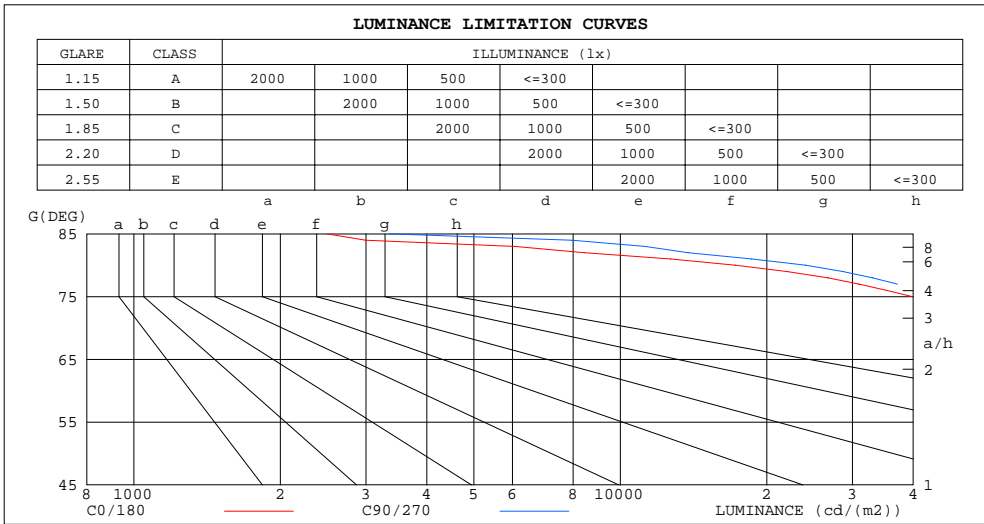
%lum = 83.4%
%lamp = 83.4%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-05-10

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=1.0216]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-145WiV-NV-L2-00-5080-120-P	DIM.: φ420*165mm	SERIAL No.:
MFR.: AOK	SUR.:φ240mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2493	3351
80	17225	24051
75	39803	46037
70	58126	63018
65	71557	75536
60	80618	83100
55	86591	87775
50	89647	90197
45	91345	91458

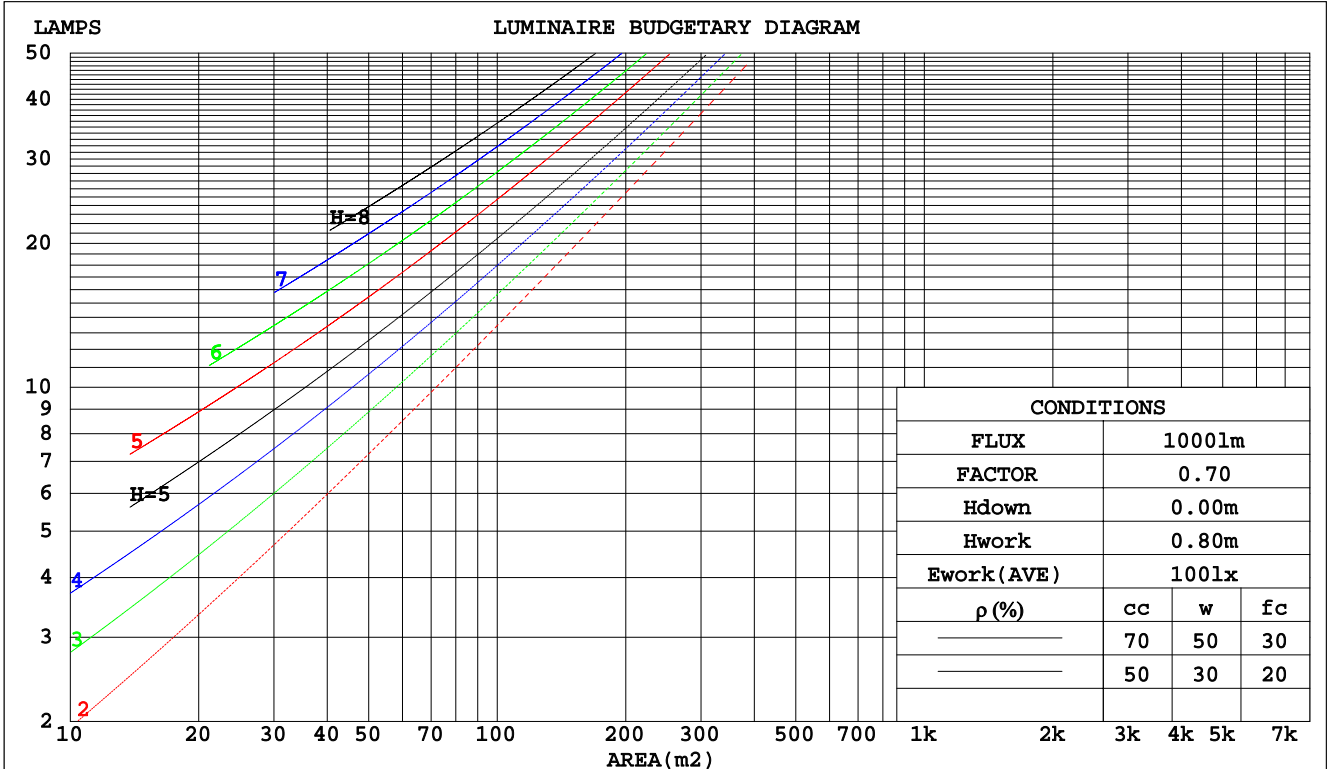
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-10

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=1.0216]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-145WiV-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	.91	.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	.66	.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:2019-05-10

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=1.0216]
 Remarks:

WEC AND CCEC

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-145WiV-NV-L2-00-5080-120-P	DIM.: φ420*165mm	SERIAL No.:
MFR.: AOK	SUR.:φ240mm	Shielding Angle:

ρcc	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	.281	.160	.051	.274	.156	.050	.261	.149	.048	.248	.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	.211	.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	.088	.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	

ρcc	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	.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:2019-05-10

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=1.0216]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm										
NAME: AOK-IV					TYPE:LED			WEIGHT:6.7KG		
SPEC.:AOK-145WiV-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	17.2	18.6	17.4	18.8	19.0	17.3	18.8	17.6	19.0	19.2
3H	18.2	19.6	18.5	19.8	20.0	18.5	19.9	18.8	20.1	20.3
4H	18.4	19.7	18.7	20.0	20.2	18.8	20.1	19.1	20.3	20.6
6H	18.4	19.7	18.8	19.9	20.2	18.8	20.0	19.2	20.3	20.6
8H	18.4	19.6	18.7	19.8	20.1	18.8	20.0	19.1	20.2	20.5
12H	18.3	19.5	18.7	19.8	20.1	18.7	19.9	19.1	20.2	20.5
4H 2H	17.7	19.0	18.0	19.2	19.5	17.8	19.1	18.1	19.4	19.6
3H	18.8	20.0	19.2	20.3	20.6	19.1	20.2	19.5	20.5	20.8
4H	19.1	20.1	19.5	20.5	20.8	19.5	20.5	19.8	20.8	21.1
6H	19.2	20.1	19.6	20.4	20.8	19.6	20.5	20.0	20.8	21.2
8H	19.1	20.0	19.6	20.3	20.7	19.5	20.4	20.0	20.7	21.1
12H	19.1	19.9	19.5	20.2	20.7	19.5	20.3	19.9	20.7	21.1
8H 4H	19.2	20.0	19.6	20.4	20.8	19.5	20.4	19.9	20.7	21.1
6H	19.3	20.0	19.7	20.4	20.8	19.7	20.3	20.1	20.7	21.2
8H	19.3	19.9	19.7	20.3	20.7	19.6	20.3	20.1	20.7	21.1
12H	19.2	19.7	19.7	20.2	20.7	19.6	20.1	20.1	20.6	21.1
12H 4H	19.2	19.9	19.6	20.3	20.7	19.5	20.2	19.9	20.6	21.0
6H	19.3	19.9	19.7	20.3	20.7	19.6	20.2	20.1	20.7	21.1
8H	19.2	19.8	19.7	20.2	20.7	19.6	20.1	20.1	20.6	21.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5				
2.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.4				

CIE Pub.117, 25663 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 11.3$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-10

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=1.0216]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-145WiV-NV-L2-00-5080-120-P	DIM.: φ420*165mm	SERIAL No.:
MFR.: AOK	SUR.:φ240mm	Shielding Angle:

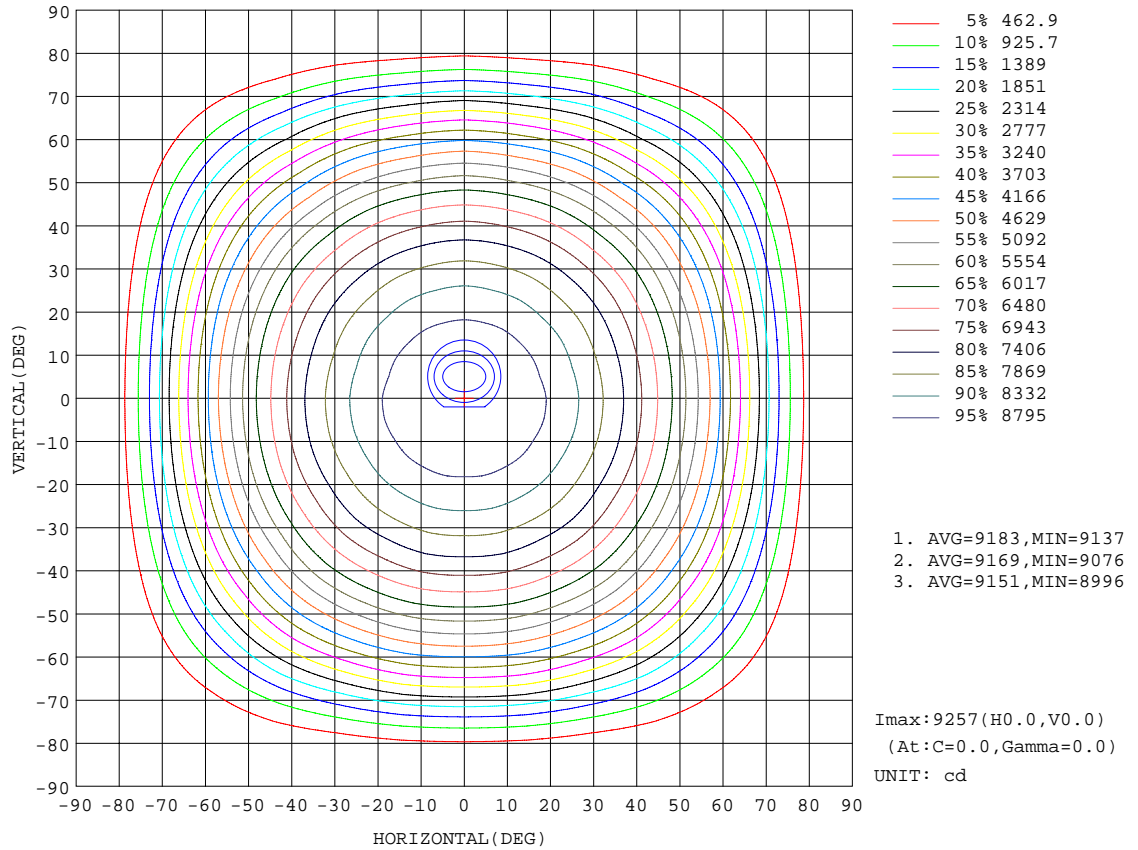
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	58	47	40	57	46	40	33
0.80	69	57	50	68	57	50	66	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	81	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:2019-05-10

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=1.0216]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-145WiV-NV-L2-00-5080-120-P	DIM.: ϕ 420*165mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 240mm	Shielding Angle:

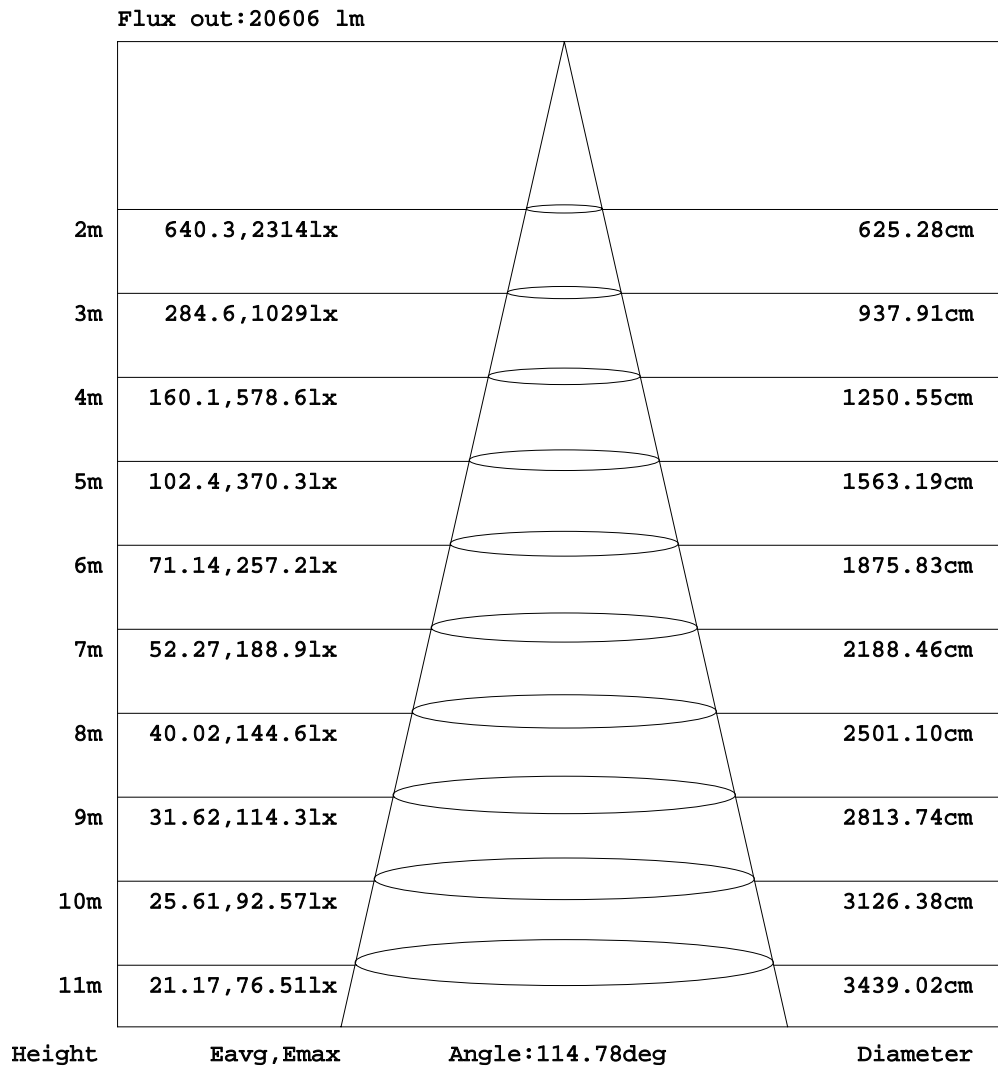


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-10

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=1.0216]
 Remarks:

AAI Figure

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-145WiV-NV-L2-00-5080-120-P	DIM.: φ420*165mm	SERIAL No.:
MFR.: AOK	SUR.:φ240mm	Shielding Angle:



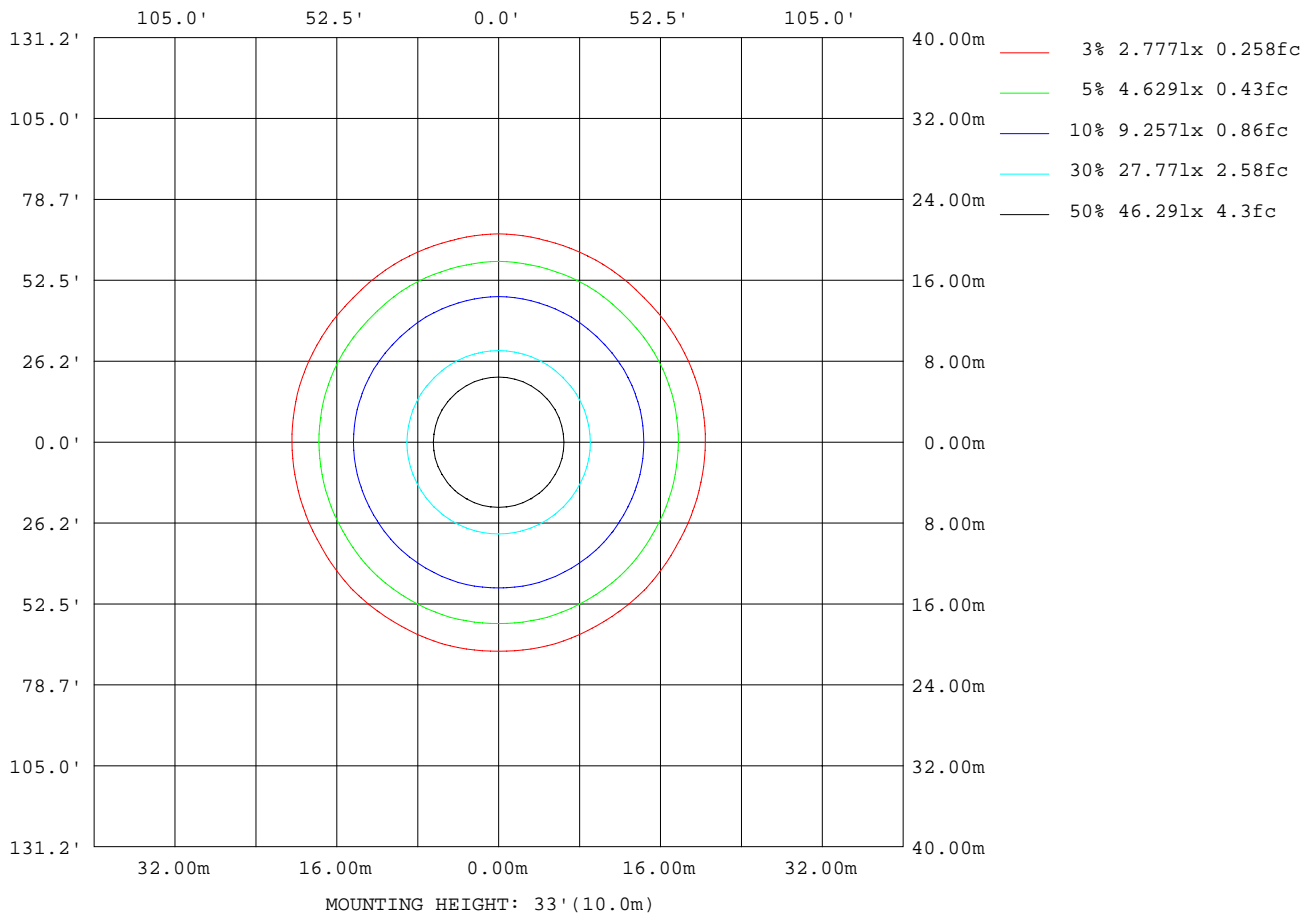
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-05-10

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=1.0216]
 Remarks:

ISOLUX DIAGRAM

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-145WiV-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:2019-05-10

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=1.0216]
 Remarks:

LED Avg.L Report

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-145WiV-NV-L2-00-5080-120-P	DIM.: φ420*165mm	SERIAL No.:
MFR.: AOK	SUR.:φ240mm	Shielding Angle:

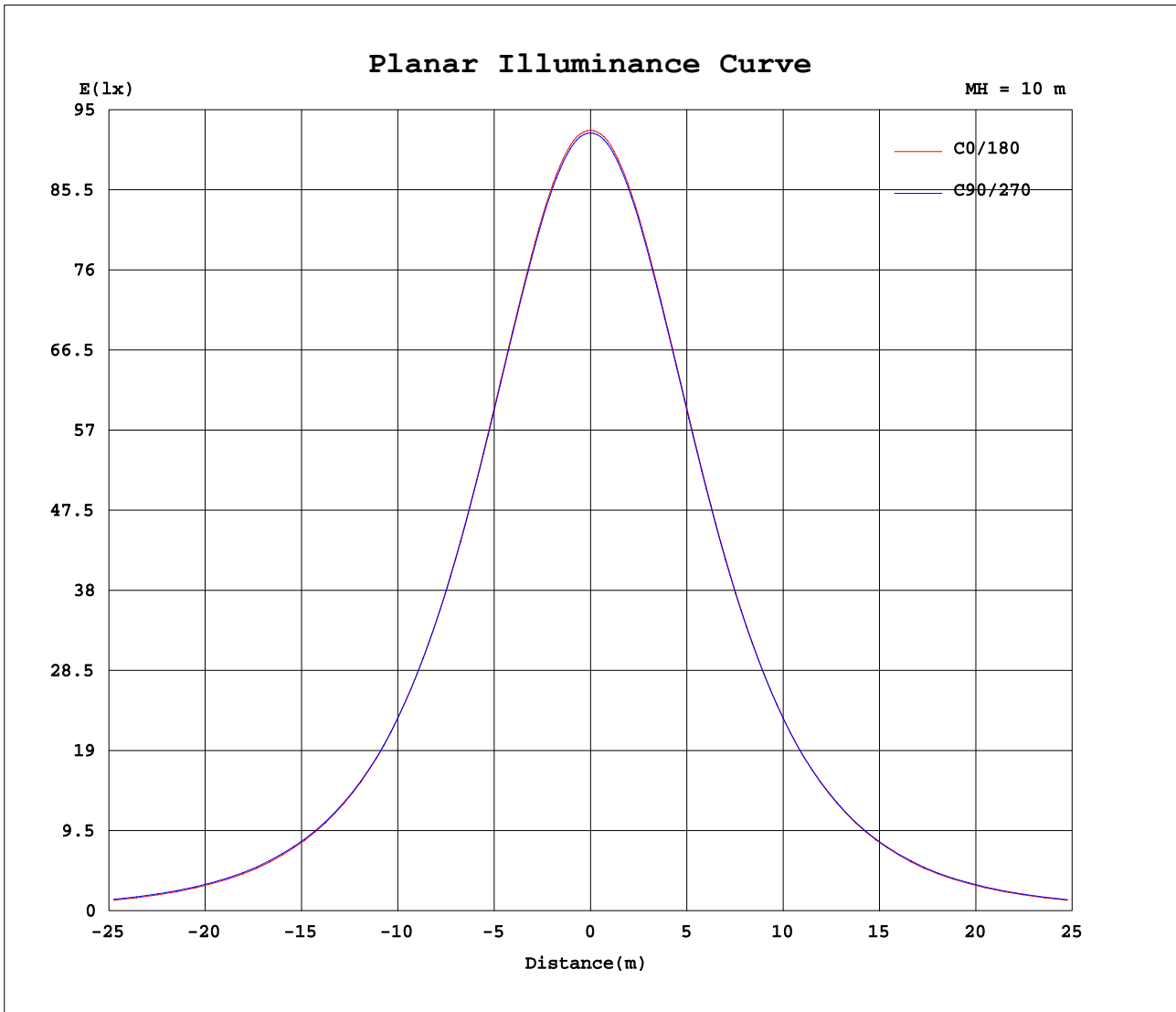
AvgL	cd/m2
L_0~180 (65) av	71339
L_0~180 (75) av	39682
L_0~180 (85) av	2486
L_90~270 (65) av	75016
L_90~270 (75) av	45065
L_90~270 (85) av	3117
L_45 (65) av	71411
L_45 (75) av	40338
L_45 (85) av	2663

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-10

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=1.0216]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-05-10

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=1.0216]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-145WiV-NV-L2-00-5080-120-P	DIM.: φ420*165mm	SERIAL No.:
MFR.: AOK	SUR.:φ240mm	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	9229	9229	9229	9229	9229	9229	9229	9229	9229	9229	9229	9229	9229	9229	9229	9229	9229	9229	9229
5	9211	9212	9208	9207	9204	9206	9206	9206	9204	9207	9208	9212	9211	9209	9207	9204	9205	9203	9205
10	9116	9120	9114	9115	9110	9111	9105	9111	9110	9115	9114	9120	9116	9115	9116	9110	9112	9105	9108
15	8953	8958	8948	8953	8946	8949	8941	8949	8946	8953	8948	8958	8953	8951	8954	8944	8948	8938	8943
20	8714	8728	8715	8724	8714	8720	8707	8720	8714	8724	8715	8728	8714	8716	8721	8707	8714	8702	8708
25	8413	8425	8408	8418	8411	8422	8408	8422	8411	8418	8408	8425	8413	8411	8417	8396	8410	8395	8409
30	8038	8047	8030	8040	8035	8049	8034	8049	8035	8040	8030	8047	8038	8040	8043	8016	8031	8018	8033
35	7583	7592	7576	7595	7584	7606	7584	7606	7584	7595	7576	7592	7583	7588	7589	7564	7574	7569	7580
40	7059	7060	7035	7066	7055	7087	7070	7087	7055	7066	7035	7060	7059	7065	7054	7024	7033	7040	7065
45	6439	6442	6422	6452	6462	6495	6470	6495	6462	6452	6422	6442	6439	6458	6443	6393	6428	6431	6461
50	5745	5729	5708	5773	5779	5820	5801	5820	5779	5773	5708	5729	5745	5763	5738	5696	5726	5737	5787
55	4952	4932	4907	4978	5001	5054	5037	5054	5001	4978	4907	4932	4952	4965	4920	4857	4923	4950	5013
60	4019	4019	4008	4099	4125	4193	4157	4193	4125	4099	4008	4019	4019	4057	4020	3959	4040	4055	4120
65	3015	3001	2991	3101	3130	3220	3194	3220	3130	3101	2991	3001	3015	3058	3002	2935	3022	3061	3147
70	1982	1952	1962	2075	2099	2181	2156	2181	2099	2075	1962	1952	1982	2002	1972	1916	2003	2019	2102
75	1027	1009	1036	1102	1124	1196	1192	1196	1124	1102	1036	1009	1027	1052	1015	986	1056	1082	1141
80	298	330	310	380	370	415	418	415	370	380	310	330	298	302	323	291	349	337	382
85	21.7	23.4	23.0	25.4	25.5	28.0	29.2	28.0	25.5	25.4	23.0	23.4	21.7	20.8	21.7	21.1	23.0	23.1	25.1
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:2019-05-10

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=1.0216]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.6644A P:144.7W PF:0.9894 Freq:49.99Hz Lamp Flux:25662.6x1 lm		
NAME: AOK-IV	TYPE:LED	WEIGHT:6.7KG
SPEC.:AOK-145WiV-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	9229	9229	9229	9229	9229														
5	9203	9205	9204	9207	9209														
10	9105	9112	9110	9116	9115														
15	8938	8948	8944	8954	8951														
20	8702	8714	8707	8721	8716														
25	8395	8410	8396	8417	8411														
30	8018	8031	8016	8043	8040														
35	7569	7574	7564	7589	7588														
40	7040	7033	7024	7054	7065														
45	6431	6428	6393	6443	6458														
50	5737	5726	5696	5738	5763														
55	4950	4923	4857	4920	4965														
60	4055	4040	3959	4020	4057														
65	3061	3022	2935	3002	3058														
70	2019	2003	1916	1972	2002														
75	1082	1056	986	1015	1052														
80	337	349	291	323	302														
85	23.1	23.0	21.1	21.7	20.8														
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:2019-05-10

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=1.0216]
 Remarks: