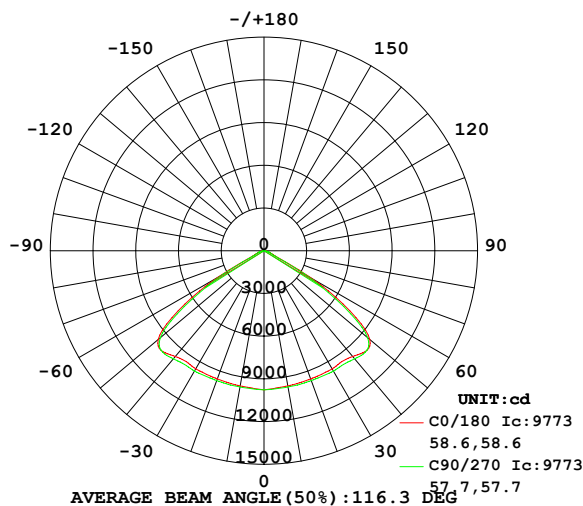


LUMINAIRE PHOTOMETRIC TEST REPORT

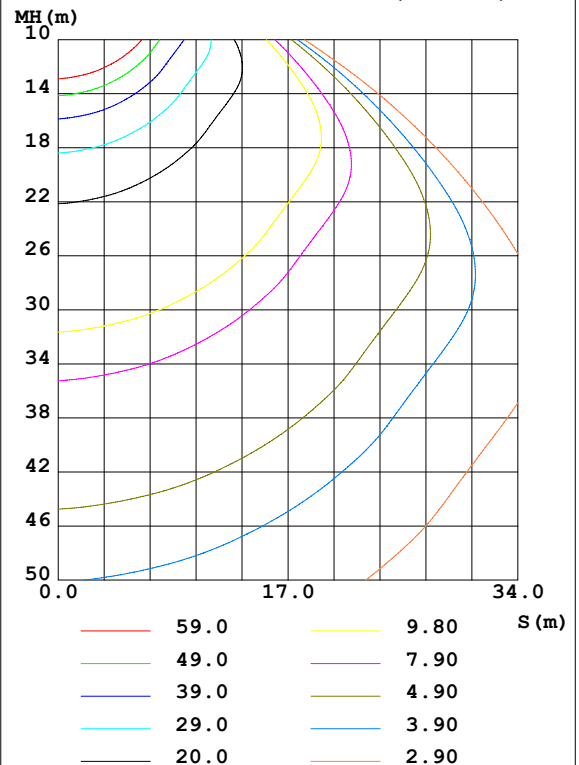
Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200Woh-3030-120D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:φ0.29M	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.08 lm/W			
MODEL	3030	I _{max} (cd)	10073	S/MH (C0/180)	1.50
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.54
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	29567	η UP, DN (C0-180)	0.0, 50.0
NOMINAL FLUX (lm)	29566.8	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.75
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.75

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: 2018-10-19

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=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	964.2	961.1	971.8	961.1	964.2	961.1	971.8	961.1	0- 10	923.1	923.1	3.12,3.12
20	957.9	951.1	970.6	951.1	957.9	951.1	970.6	951.1	10- 20	2718	3641	12.3,12.3
30	958.0	949.7	975.7	949.7	958.0	949.7	975.7	949.7	20- 30	4422	8063	27.3,27.3
40	969.6	959.3	990.9	959.3	969.6	959.3	990.9	959.3	30- 40	5995	14058	47.5,47.5
50	969.9	961.7	951.6	961.7	969.9	961.7	951.6	961.7	40- 50	7627	21685	73.3,73.3
60	376.8	374.7	327.4	374.7	376.8	374.7	327.4	374.7	50- 60	6254	27939	94.5,94.5
70	51.01	49.18	48.23	49.18	51.01	49.18	48.23	49.18	60- 70	1225	29164	98.6,98.6
80	18.66	17.48	16.80	17.48	18.66	17.48	16.80	17.48	70- 80	350.2	29514	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	52.37	29567	100,100
100	0	0	0	0	0	0	0	0	90-100	0	29567	100,100
110	0	0	0	0	0	0	0	0	100-110	0	29567	100,100
120	0	0	0	0	0	0	0	0	110-120	0	29567	100,100
130	0	0	0	0	0	0	0	0	120-130	0	29567	100,100
140	0	0	0	0	0	0	0	0	130-140	0	29567	100,100
150	0	0	0	0	0	0	0	0	140-150	0	29567	100,100
160	0	0	0	0	0	0	0	0	150-160	0	29567	100,100
170	0	0	0	0	0	0	0	0	160-170	0	29567	100,100
180	0	0	0	0	0	0	0	0	170-180	0	29567	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 17695 lm

%lum = 59.8%

%lamp = 59.8%

Conical surface Flux(120deg): 27939 lm

%lum = 94.5%

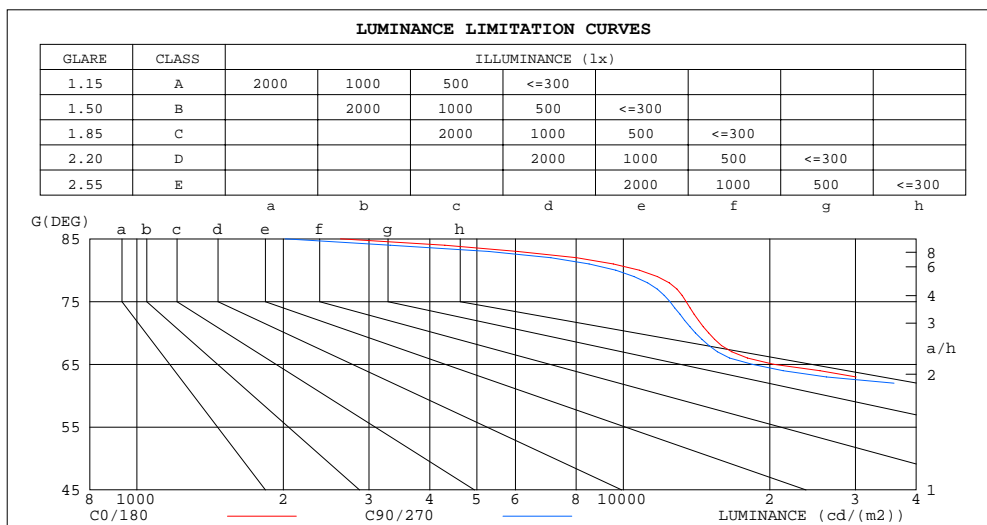
%lamp = 94.5%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-10-19

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=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200Woh-3030-120D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:φ0.29M	Shielding Angle:



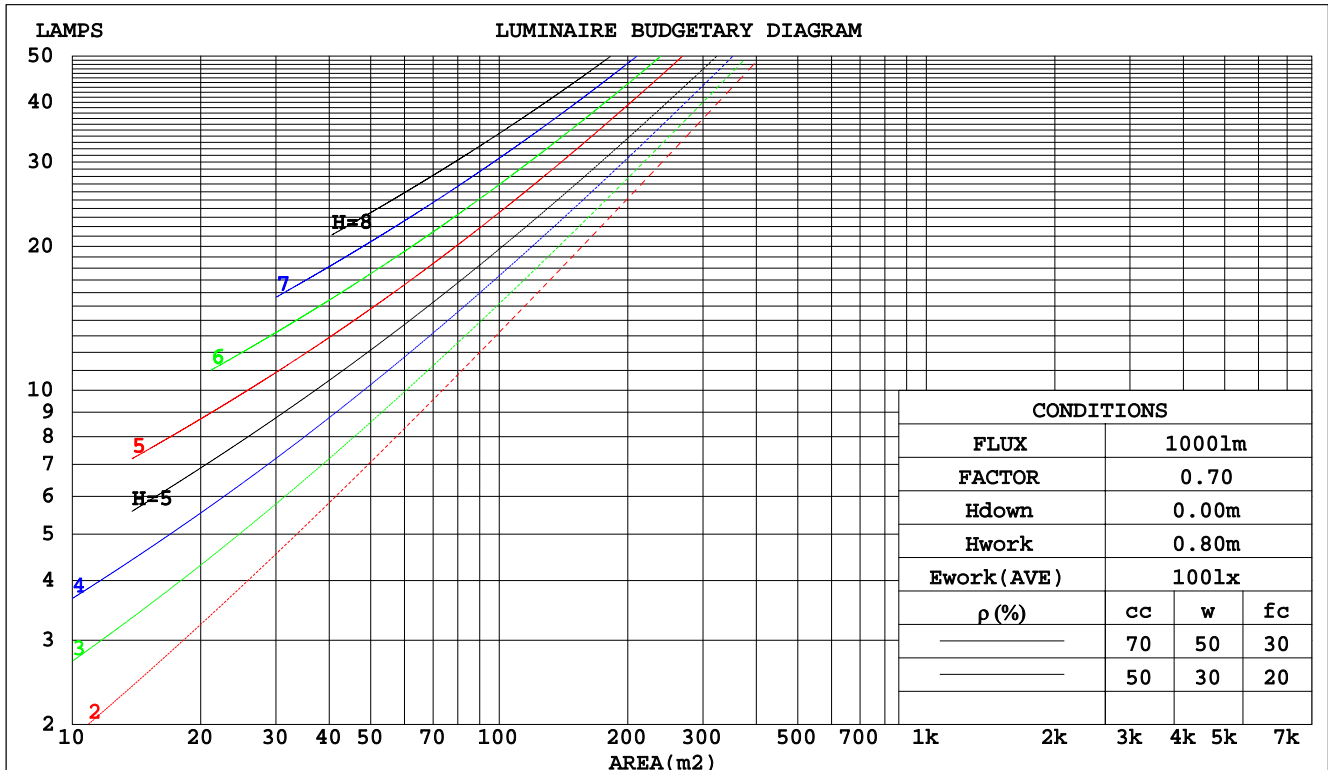
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-120D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:Φ0.29M	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	1.07	1.03	1.00	1.05	1.01	.99	1.00	.98	.95	.97	.95	.93	.93	.91	.90	.88
2.0	.95	.89	.84	.93	.88	.83	.90	.85	.81	.86	.83	.79	.83	.80	.78	.76
3.0	.84	.77	.71	.83	.76	.70	.80	.74	.69	.77	.72	.68	.75	.70	.67	.65
4.0	.75	.67	.60	.73	.66	.60	.71	.64	.59	.69	.63	.59	.67	.62	.58	.56
5.0	.67	.58	.52	.66	.58	.52	.64	.57	.51	.62	.56	.51	.60	.54	.50	.48
6.0	.60	.51	.45	.59	.51	.45	.57	.50	.45	.56	.49	.44	.54	.48	.44	.42
7.0	.54	.46	.40	.53	.45	.40	.52	.45	.39	.50	.44	.39	.49	.43	.39	.37
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-10-19

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=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-120D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:φ0.29M	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	.252	.144	.045	.246	.140	.044	.233	.133	.043	.221	.127	.041	.210	.122	.039		
2.0	.250	.137	.042	.244	.134	.041	.232	.129	.040	.222	.125	.039	.212	.120	.038		
3.0	.240	.128	.038	.234	.126	.038	.224	.122	.037	.215	.118	.036	.207	.114	.035		
4.0	.228	.118	.035	.223	.117	.034	.214	.113	.034	.206	.111	.033	.198	.108	.033		
5.0	.215	.110	.032	.211	.108	.032	.203	.106	.031	.195	.103	.031	.189	.101	.030		
6.0	.203	.102	.029	.199	.100	.029	.192	.098	.029	.185	.096	.028	.179	.094	.028		
7.0	.191	.094	.027	.188	.093	.027	.181	.092	.026	.175	.090	.026	.170	.088	.026		
8.0	.180	.088	.025	.177	.087	.025	.171	.086	.024	.166	.084	.024	.161	.083	.024		
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.023	.153	.078	.022		
10.0	.161	.077	.021	.158	.076	.021	.154	.075	.021	.149	.074	.021	.145	.073	.021		

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	.176	.157	.139	.151	.134	.120	.103	.092	.083	.059	.054	.048	.019	.017	.016	
2.0	.167	.132	.103	.143	.114	.089	.098	.079	.062	.056	.046	.036	.018	.015	.012	
3.0	.159	.114	.079	.136	.098	.068	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.152	.101	.062	.130	.087	.053	.089	.061	.038	.052	.035	.022	.017	.012	.007	
5.0	.145	.090	.049	.124	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.139	.082	.041	.119	.071	.035	.082	.049	.025	.048	.029	.015	.015	.010	.005	
7.0	.132	.075	.034	.114	.065	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
8.0	.127	.069	.029	.109	.060	.026	.075	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.104	.056	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm										
NAME: AOK oH					TYPE:LED			WEIGHT:6KG		
SPEC.:AOK-200WoH-3030-120D					DIM.: 0.4*0.141M			SERIAL No.:1		
MFR.: AOK					SUR.:±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	17.9	19.3	18.2	19.5	19.7	17.6	19.1	17.9	19.3	19.5
3H	17.8	19.1	18.0	19.3	19.5	17.5	18.8	17.8	19.0	19.3
4H	17.7	18.9	18.0	19.2	19.4	17.4	18.7	17.7	18.9	19.1
6H	17.6	18.8	17.9	19.0	19.3	17.3	18.5	17.7	18.8	19.0
8H	17.6	18.7	17.9	18.9	19.2	17.3	18.4	17.6	18.7	19.0
12H	17.5	18.6	17.9	18.9	19.2	17.2	18.3	17.6	18.6	18.9
4H 2H	17.9	19.1	18.2	19.4	19.6	17.6	18.9	18.0	19.1	19.4
3H	17.8	18.8	18.1	19.1	19.4	17.5	18.6	17.9	18.9	19.2
4H	17.7	18.7	18.1	19.0	19.3	17.5	18.4	17.8	18.7	19.1
6H	17.6	18.5	18.0	18.8	19.2	17.4	18.2	17.8	18.6	19.0
8H	17.6	18.4	18.0	18.7	19.1	17.4	18.1	17.8	18.5	18.9
12H	17.6	18.3	18.0	18.7	19.1	17.3	18.0	17.8	18.4	18.8
8H 4H	17.6	18.4	18.0	18.7	19.1	17.4	18.1	17.8	18.5	18.9
6H	17.6	18.2	18.0	18.6	19.0	17.3	17.9	17.8	18.4	18.8
8H	17.5	18.1	18.0	18.5	18.9	17.3	17.8	17.7	18.3	18.7
12H	17.5	18.0	18.0	18.4	18.9	17.3	17.7	17.7	18.2	18.6
12H 4H	17.5	18.3	18.0	18.6	19.0	17.3	18.0	17.7	18.4	18.8
6H	17.5	18.1	18.0	18.5	18.9	17.3	17.8	17.7	18.3	18.7
8H	17.5	18.0	18.0	18.4	18.9	17.3	17.7	17.7	18.2	18.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.7				
1.5H	+ 1.1 / - 2.9					+ 1.0 / - 2.6				
2.0H	+ 2.3 / - 7.5					+ 2.4 / - 7.5				

CIE Pub.117, 29567 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 11.8$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-120D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:Φ0.29M	Shielding Angle:

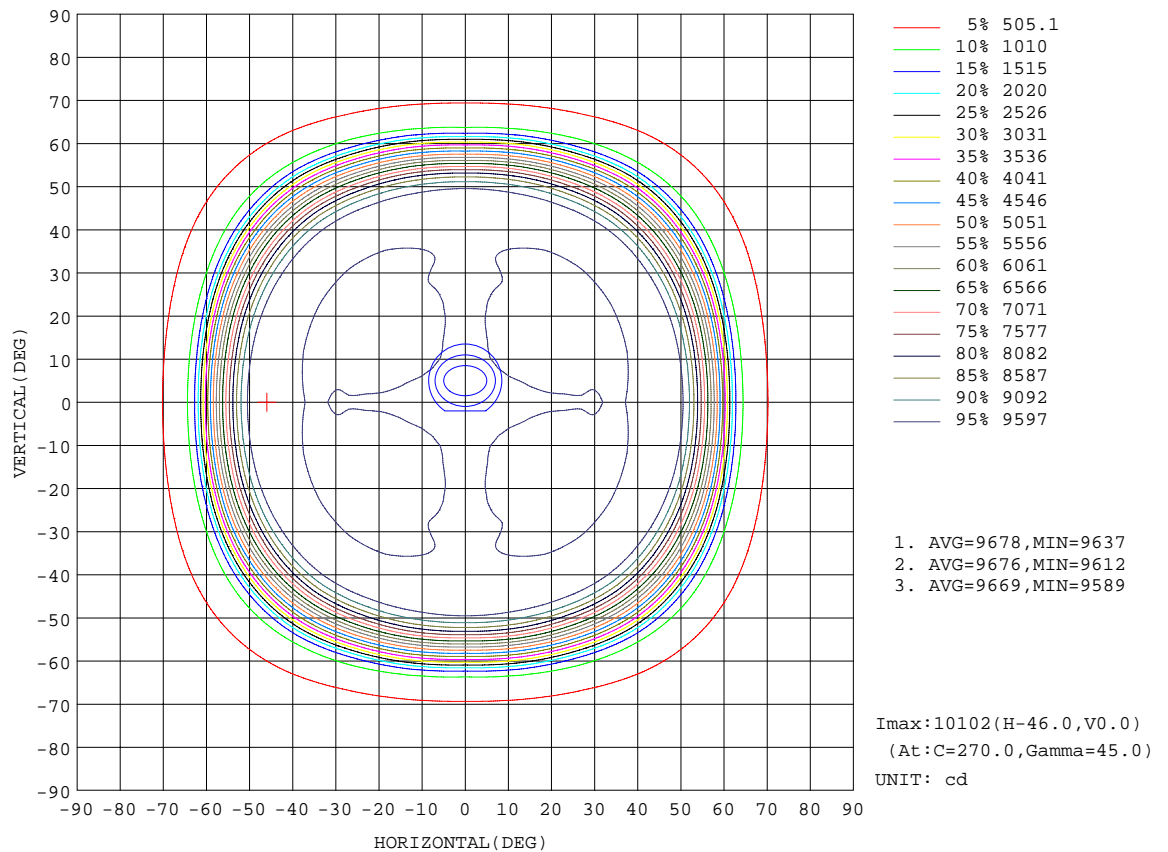
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	69	58	51	68	57	50	66	57	50	43
1.00	80	69	62	78	69	62	76	70	62	55
1.25	87	78	72	86	77	71	83	76	70	64
1.50	92	84	78	91	83	77	88	81	76	69
2.00	99	92	86	97	91	86	94	89	84	77
2.50	102	96	91	100	94	90	97	92	88	80
3.00	105	99	95	103	98	94	99	95	92	84
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	102	108	104	101	103	100	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHR _{NOM} = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-120D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.: ϕ 0.29M	Shielding Angle:

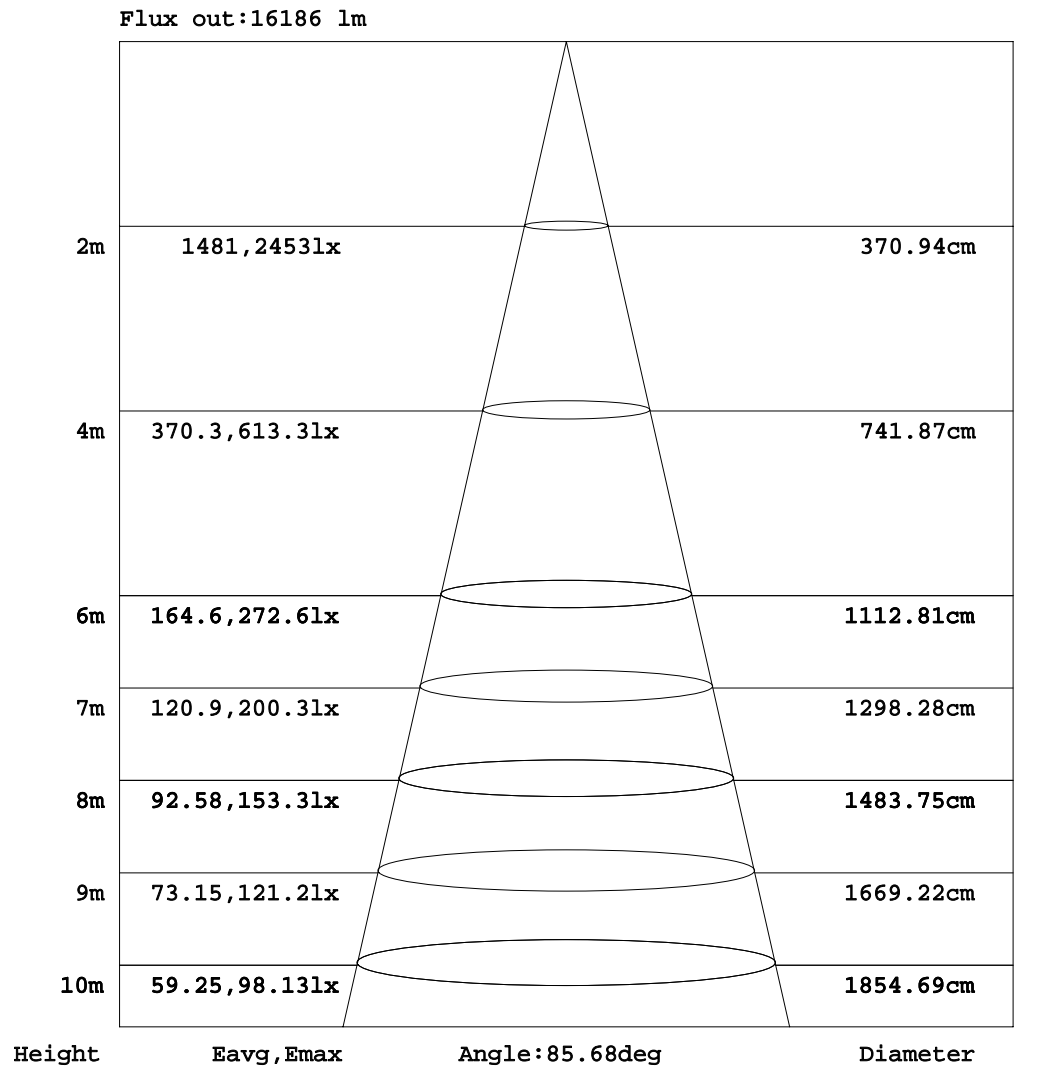


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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=1.0000]
Remarks:

AAI Figure

Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-120D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:φ0.29M	Shielding Angle:



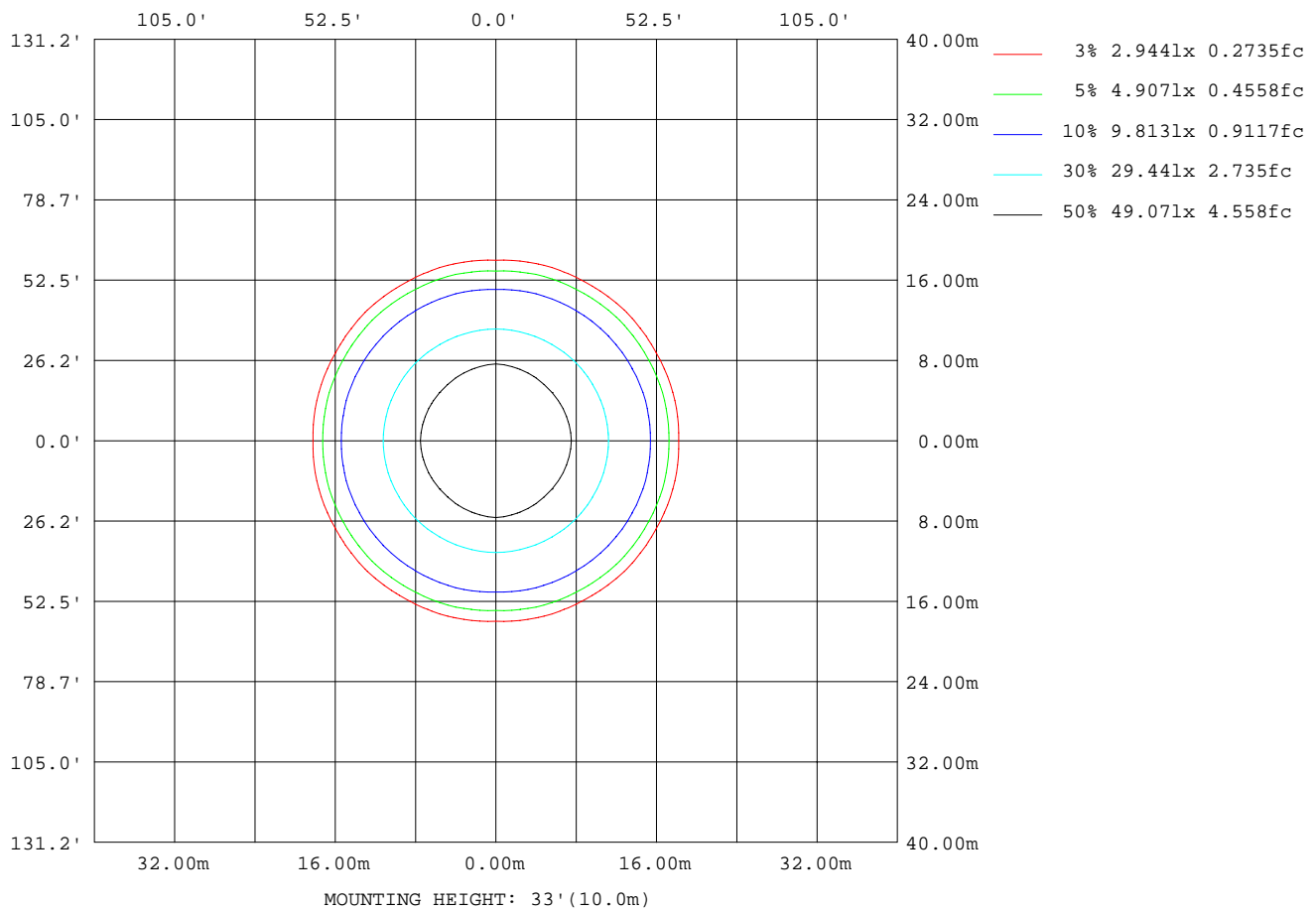
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200Woh-3030-120D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:Φ0.29M	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-120D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:Φ0.29M	Shielding Angle:

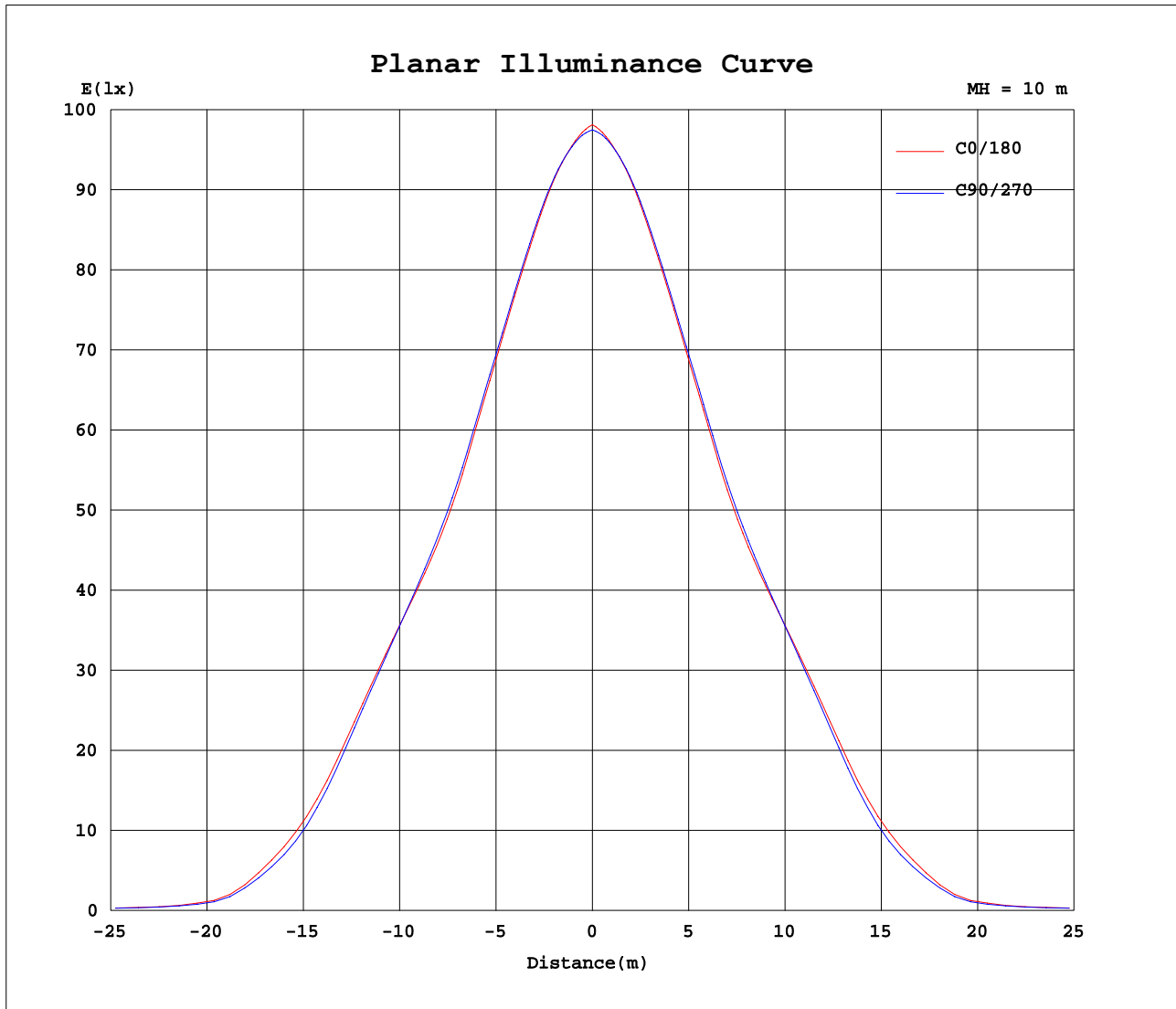
AvgL	cd/m2
L_0~180 (65) av	20292
L_0~180 (75) av	13409
L_0~180 (85) av	2610
L_90~270 (65) av	18445
L_90~270 (75) av	12503
L_90~270 (85) av	2022
L_45 (65) av	20613
L_45 (75) av	12766
L_45 (85) av	2300

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-10-19

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=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-120D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:Φ0.29M	Shielding Angle:

Table--1

UNIT: ×10cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977
5	968	967	967	967	969	971	973	971	969	967	967	967	968	967	967	967	969	971	973
10	964	962	961	961	963	967	972	967	963	961	961	962	964	962	961	961	963	967	972
15	961	957	955	955	958	964	971	964	958	955	955	957	961	957	955	955	958	964	971
20	958	954	952	951	954	961	971	961	954	951	952	954	958	954	952	951	954	961	971
25	957	953	949	949	952	961	972	961	952	949	949	953	957	953	949	949	952	961	972
30	958	953	950	950	954	963	976	963	954	950	950	953	958	953	950	950	954	963	976
35	952	946	941	939	947	960	975	960	947	939	941	946	952	946	941	939	947	960	975
40	970	962	960	959	965	976	991	976	965	959	960	962	970	962	960	959	965	976	991
45	1003	996	991	992	990	995	1007	995	990	992	991	996	1003	996	991	992	990	995	1007
50	970	969	964	962	954	951	952	951	954	962	964	969	970	969	964	962	954	951	952
55	736	743	734	729	710	702	685	702	710	729	734	743	736	743	734	729	710	702	685
60	377	385	374	375	355	350	327	350	355	375	374	385	377	385	374	375	355	350	327
65	85.8	86.9	85.9	87.1	83.1	82.0	78.0	82.0	83.1	87.1	85.9	86.9	85.8	86.9	85.9	87.1	83.1	82.0	78.0
70	51.0	50.4	49.3	49.2	48.5	48.6	48.2	48.6	48.5	49.2	49.3	50.4	51.0	50.4	49.3	49.2	48.5	48.6	48.2
75	34.7	34.2	33.2	33.0	32.3	32.5	32.4	32.5	32.3	33.0	33.2	34.2	34.7	34.2	33.2	33.0	32.3	32.5	32.4
80	18.7	18.3	17.5	17.5	16.7	16.9	16.8	16.9	16.7	17.5	17.5	18.3	18.7	18.3	17.5	17.5	16.7	16.9	16.8
85	2.27	2.29	1.98	2.00	1.82	1.87	1.76	1.87	1.82	2.00	1.98	2.29	2.27	2.29	1.98	2.00	1.82	1.87	1.76
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:2018-10-19

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=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.9483A P:203.8W PF:0.9736 Freq:49.99Hz Lamp Flux:29566.8x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-120D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:φ0.29M	Shielding Angle:

Table--2

UNIT: ×10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	977	977	977	977	977														
5	971	969	967	967	967														
10	967	963	961	961	962														
15	964	958	955	955	957														
20	961	954	951	952	954														
25	961	952	949	949	953														
30	963	954	950	950	953														
35	960	947	939	941	946														
40	976	965	959	960	962														
45	995	990	992	991	996														
50	951	954	962	964	969														
55	702	710	729	734	743														
60	350	355	375	374	385														
65	82.0	83.1	87.1	85.9	86.9														
70	48.6	48.5	49.2	49.3	50.4														
75	32.5	32.3	33.0	33.2	34.2														
80	16.9	16.7	17.5	17.5	18.3														
85	1.87	1.82	2.00	1.98	2.29														
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:2018-10-19

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=1.0000]
Remarks: