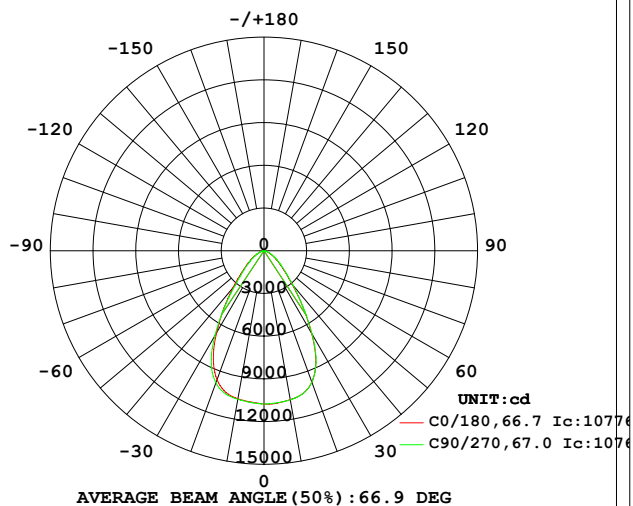


LUMINAIRE PHOTOMETRIC TEST REPORT

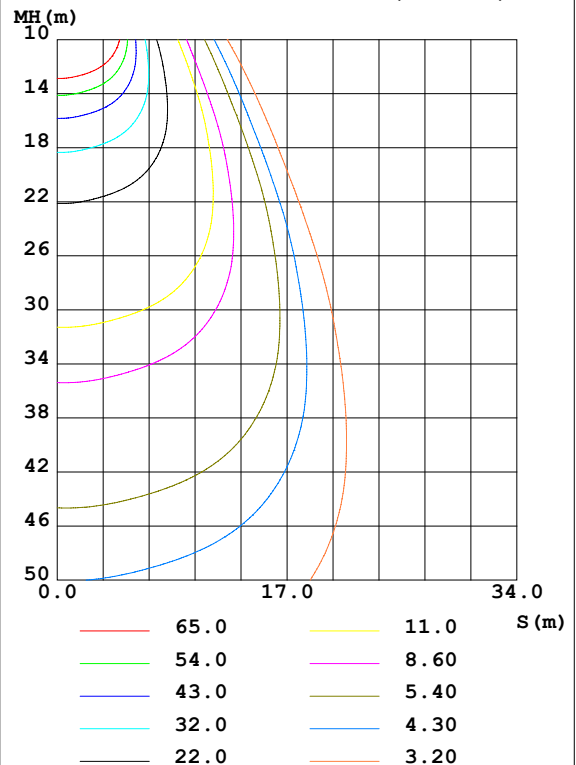
Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 176.76 lm/W			
MODEL	2835	I _{max} (cd)	10778	S/MH (C0/180)	0.99
NOMINAL POWER (W)	80	LOR (%)	100.0	S/MH (C90/270)	0.99
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	14163	η UP,DN (C0-180)	0.0,50.2
NOMINAL FLUX (lm)	14163.1	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.8
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.00

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:yanyonggeng
Test Date:2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [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	1062	1066	1063	1055	1056	1059	1059	1059	0- 10	1018	1018	7.19,7.19
20	982.7	996.0	982.8	965.6	964.0	979.8	987.6	976.4	10- 20	2913	3932	27.8,27.8
30	669.4	683.4	674.2	662.7	667.3	678.7	691.7	657.1	20- 30	3884	7816	55.2,55.2
40	306.4	312.4	316.5	334.8	338.2	314.3	314.0	319.5	30- 40	2986	10801	76.3,76.3
50	147.1	143.5	155.6	171.7	162.5	143.1	151.0	155.3	40- 50	1701	12502	88.3,88.3
60	70.08	70.08	77.30	85.45	80.63	70.44	73.57	74.43	50- 60	973.5	13475	95.1,95.1
70	26.83	28.50	31.07	34.57	32.40	28.73	28.55	27.92	60- 70	484.6	13960	98.6,98.6
80	6.740	7.307	8.849	10.19	9.837	7.219	7.020	5.791	70- 80	176.7	14137	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	26.31	14163	100,100
100	0	0	0	0	0	0	0	0	90-100	0	14163	100,100
110	0	0	0	0	0	0	0	0	100-110	0	14163	100,100
120	0	0	0	0	0	0	0	0	110-120	0	14163	100,100
130	0	0	0	0	0	0	0	0	120-130	0	14163	100,100
140	0	0	0	0	0	0	0	0	130-140	0	14163	100,100
150	0	0	0	0	0	0	0	0	140-150	0	14163	100,100
160	0	0	0	0	0	0	0	0	150-160	0	14163	100,100
170	0	0	0	0	0	0	0	0	160-170	0	14163	100,100
180	0	0	0	0	0	0	0	0	170-180	0	14163	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 11772 lm

%lum = 83.1%

%lamp = 83.1%

Conical surface Flux(120deg): 13475 lm

%lum = 95.1%

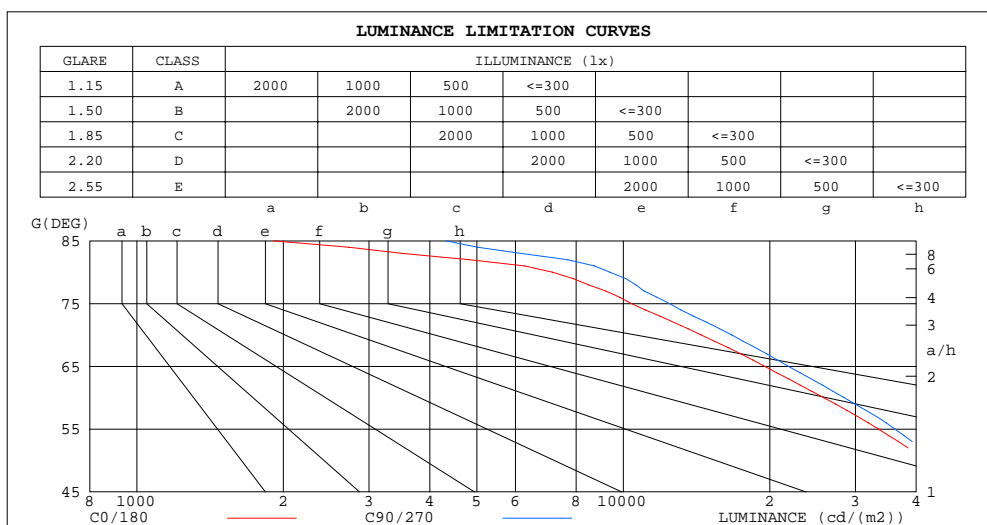
%lamp = 95.1%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:



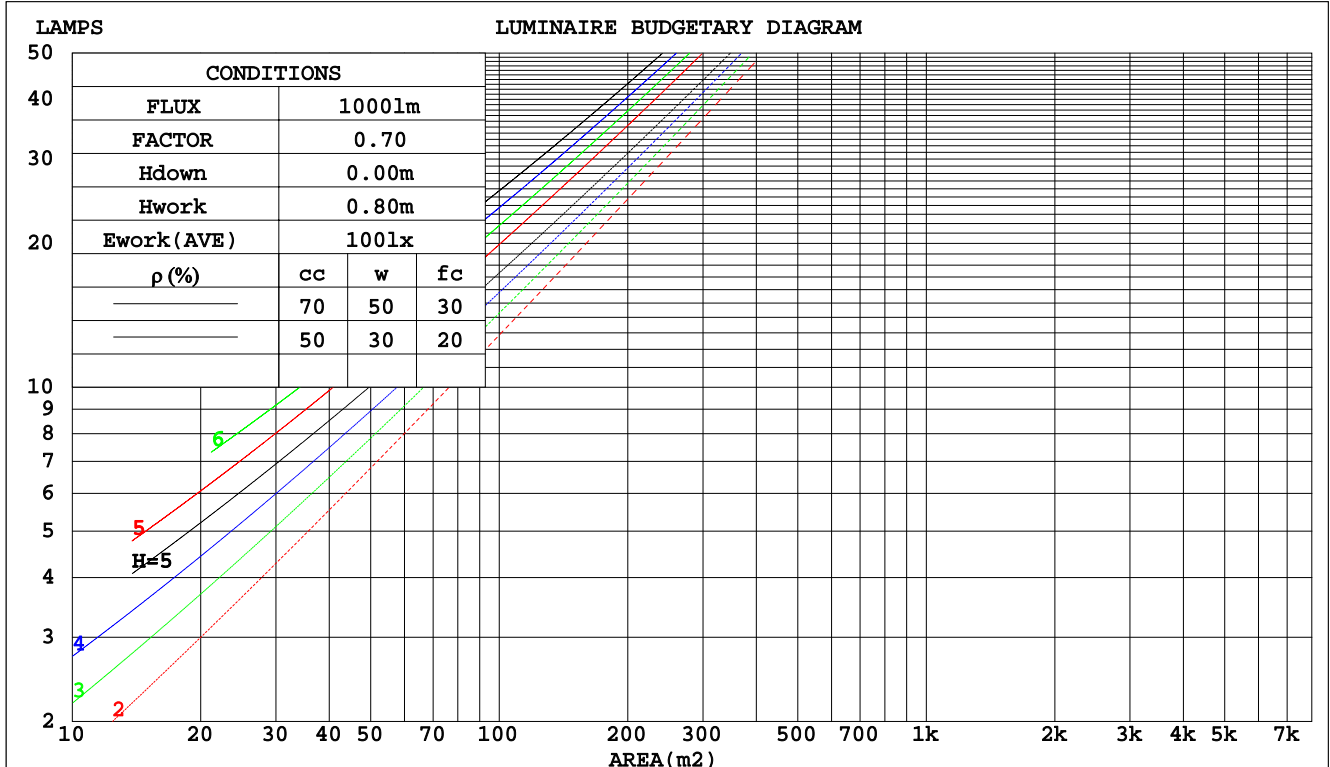
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	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						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	1.06	1.03	1.07	1.04	1.02	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	.99	.95	.91	.98	.93	.89	.94	.91	.87	.91	.88	.86	.88	.86	.84	.82
3.0	.91	.85	.80	.90	.84	.80	.87	.82	.78	.84	.80	.77	.82	.79	.76	.74
4.0	.84	.77	.72	.82	.76	.72	.80	.75	.71	.78	.73	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.72	.67	.64	.71	.66	.63	.61
6.0	.71	.64	.59	.70	.64	.59	.69	.63	.59	.67	.62	.58	.66	.61	.58	.56
7.0	.66	.59	.54	.65	.59	.54	.64	.58	.54	.63	.58	.54	.62	.57	.53	.52
8.0	.62	.55	.50	.61	.55	.50	.60	.54	.50	.59	.53	.49	.58	.53	.49	.48
9.0	.58	.51	.46	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44
10.0	.54	.47	.43	.54	.47	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

pcc	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	.213	.121	.038	.206	.117	.037	.193	.111	.035	.181	.104	.034	.170	.099	.032		
2.0	.205	.113	.035	.200	.110	.034	.189	.105	.033	.179	.100	.031	.169	.096	.030		
3.0	.195	.104	.031	.190	.102	.031	.181	.098	.030	.172	.094	.029	.164	.091	.028		
4.0	.185	.096	.028	.181	.095	.028	.172	.091	.027	.165	.088	.027	.158	.086	.026		
5.0	.175	.089	.026	.171	.088	.026	.164	.085	.025	.157	.083	.025	.151	.081	.024		
6.0	.166	.083	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023	.144	.076	.023		
7.0	.157	.078	.022	.154	.077	.022	.149	.075	.022	.143	.073	.021	.138	.072	.021		
8.0	.149	.073	.021	.147	.072	.020	.142	.071	.020	.137	.069	.020	.132	.068	.020		
9.0	.142	.069	.019	.140	.068	.019	.135	.067	.019	.131	.066	.019	.127	.064	.019		
10.0	.135	.065	.018	.133	.064	.018	.129	.063	.018	.125	.062	.018	.121	.061	.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	.174	.157	.142	.149	.135	.122	.102	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.161	.132	.108	.138	.114	.094	.094	.079	.065	.054	.046	.038	.017	.015	.012	
3.0	.150	.114	.085	.129	.098	.074	.088	.068	.052	.051	.040	.030	.016	.013	.010	
4.0	.141	.100	.068	.121	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.133	.088	.055	.114	.076	.048	.079	.053	.034	.046	.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	.114	.066	.033	.098	.057	.029	.068	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.109	.061	.029	.094	.053	.025	.065	.037	.018	.038	.022	.011	.012	.007	.004	
10.0	.104	.057	.025	.090	.049	.022	.062	.035	.016	.036	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P					DIM.:			SERIAL No.:		
MFR.: AOK					SUR.: Φ 263mm			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	23.3	24.4	23.5	24.6	24.8	23.6	24.7	23.8	24.9	25.1
3H	23.5	24.6	23.8	24.8	25.0	23.9	24.9	24.1	25.1	25.3
4H	23.6	24.6	23.9	24.8	25.0	23.9	24.9	24.2	25.2	25.4
6H	23.6	24.5	23.9	24.7	25.0	23.9	24.9	24.2	25.1	25.4
8H	23.5	24.4	23.8	24.7	24.9	23.9	24.8	24.2	25.1	25.3
12H	23.5	24.3	23.8	24.6	24.9	23.9	24.7	24.2	25.0	25.3
4H 2H	23.4	24.4	23.7	24.6	24.8	23.6	24.6	23.9	24.8	25.1
3H	23.7	24.6	24.1	24.9	25.1	24.0	24.9	24.4	25.2	25.5
4H	23.8	24.6	24.2	24.9	25.2	24.2	24.9	24.5	25.2	25.5
6H	23.8	24.5	24.2	24.8	25.2	24.2	24.9	24.6	25.2	25.6
8H	23.8	24.4	24.2	24.8	25.2	24.2	24.8	24.6	25.2	25.5
12H	23.8	24.3	24.2	24.7	25.1	24.2	24.7	24.6	25.1	25.5
8H 4H	23.8	24.4	24.2	24.8	25.1	24.1	24.7	24.5	25.1	25.5
6H	23.8	24.3	24.2	24.7	25.1	24.2	24.7	24.6	25.1	25.5
8H	23.8	24.2	24.2	24.7	25.1	24.2	24.6	24.6	25.1	25.5
12H	23.8	24.1	24.2	24.6	25.1	24.1	24.5	24.6	25.0	25.5
12H 4H	23.7	24.3	24.1	24.7	25.1	24.1	24.6	24.5	25.0	25.4
6H	23.8	24.2	24.2	24.7	25.1	24.1	24.6	24.6	25.0	25.5
8H	23.8	24.2	24.2	24.6	25.1	24.1	24.5	24.6	25.0	25.4
Variations with the observer position at spacings:										
S = 1.0H	+ 1.1 / - 1.6					+ 1.0 / - 1.4				
1.5H	+ 1.6 / - 0.9					+ 1.5 / - 0.9				
2.0H	+ 1.9 / - 1.7					+ 1.9 / - 1.7				

CIE Pub.117, 14163 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 9.2$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

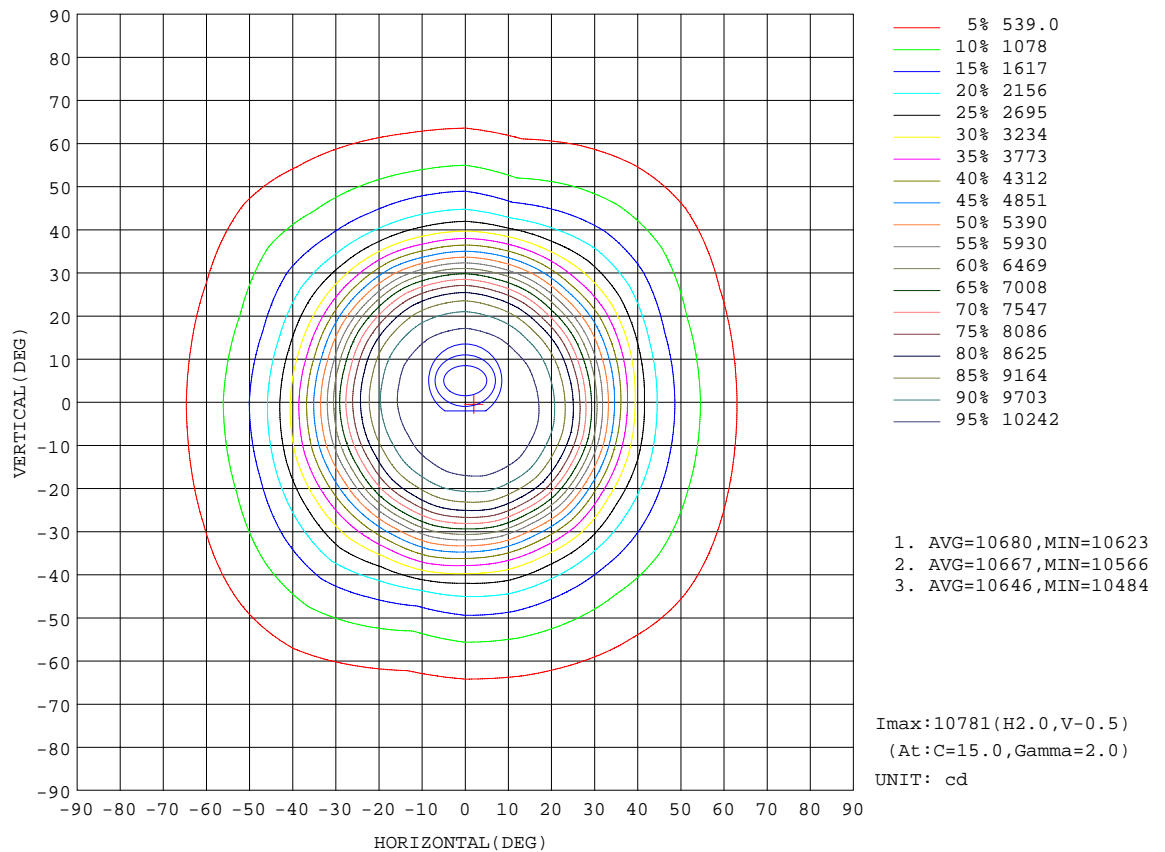
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	68	63	76	68	63	75	68	63	58
0.80	85	77	72	85	77	72	83	76	72	67
1.00	92	84	79	91	84	79	89	84	79	74
1.25	97	90	85	96	89	85	94	88	84	79
1.50	100	94	90	99	93	89	97	92	88	83
2.00	105	99	95	103	98	94	100	96	93	87
2.50	107	102	98	105	101	97	102	98	95	89
3.00	109	105	101	107	103	100	104	100	98	91
4.00	112	108	105	109	106	104	106	103	101	93
5.00	113	110	108	111	108	106	107	105	103	95
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:yanyonggeng
 Test Date:2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

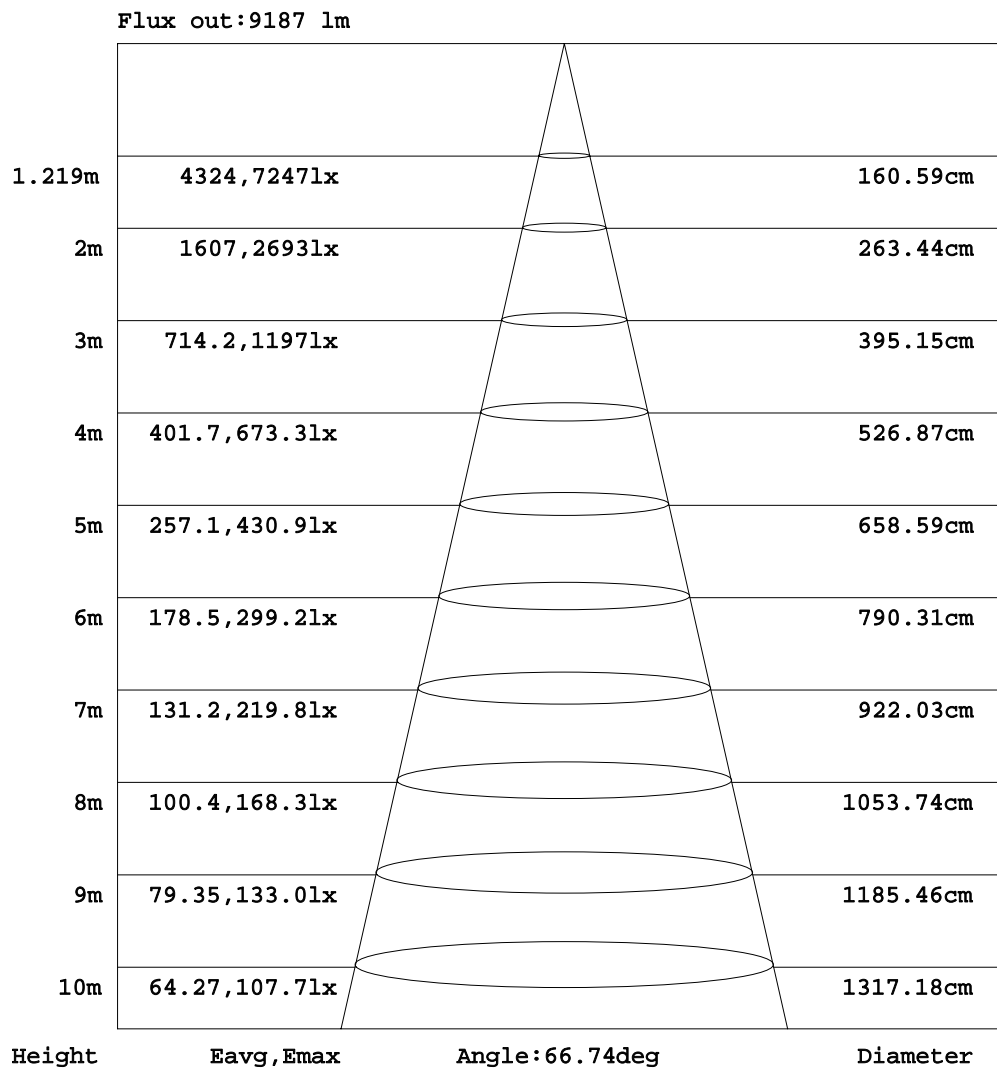


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

AAI Figure

Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



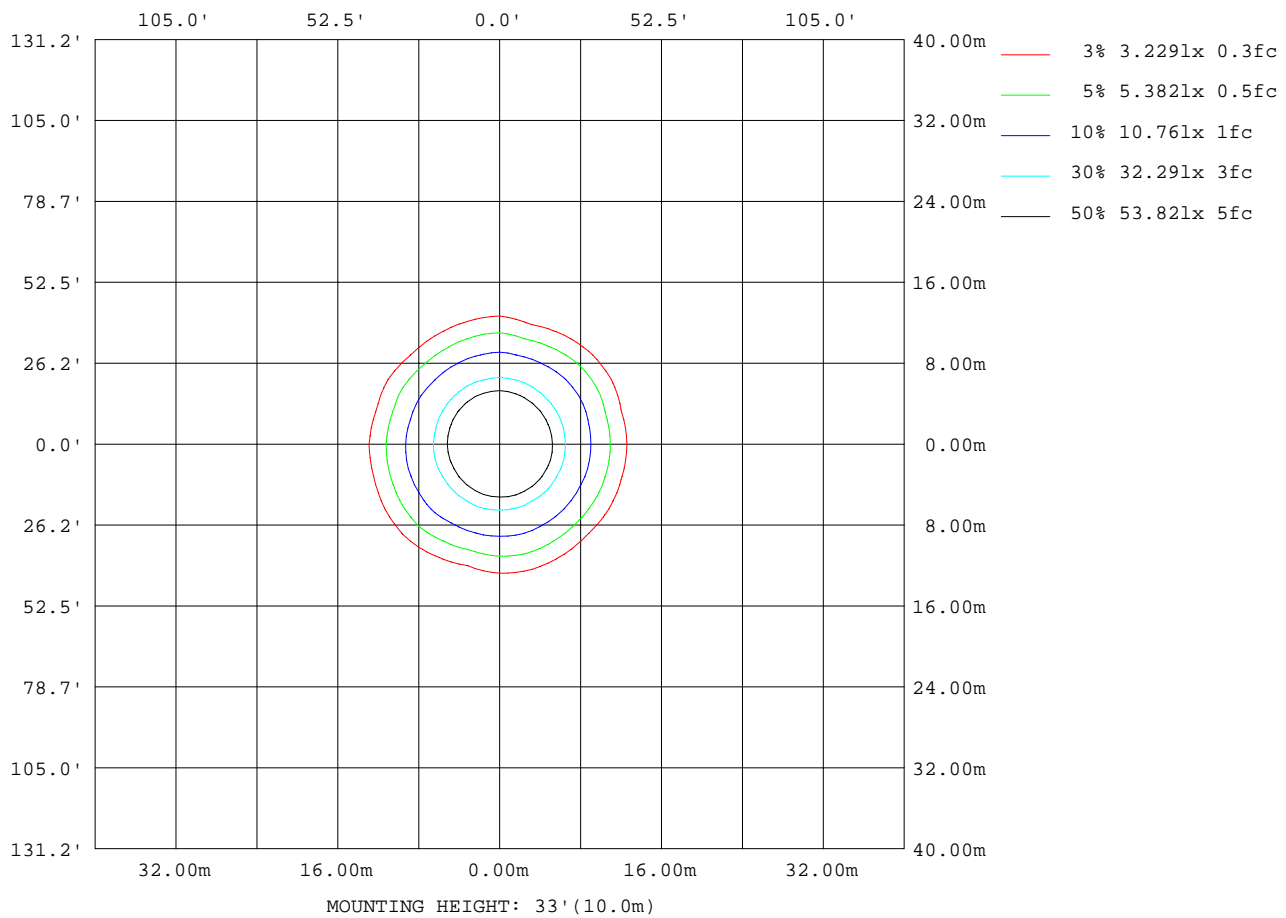
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

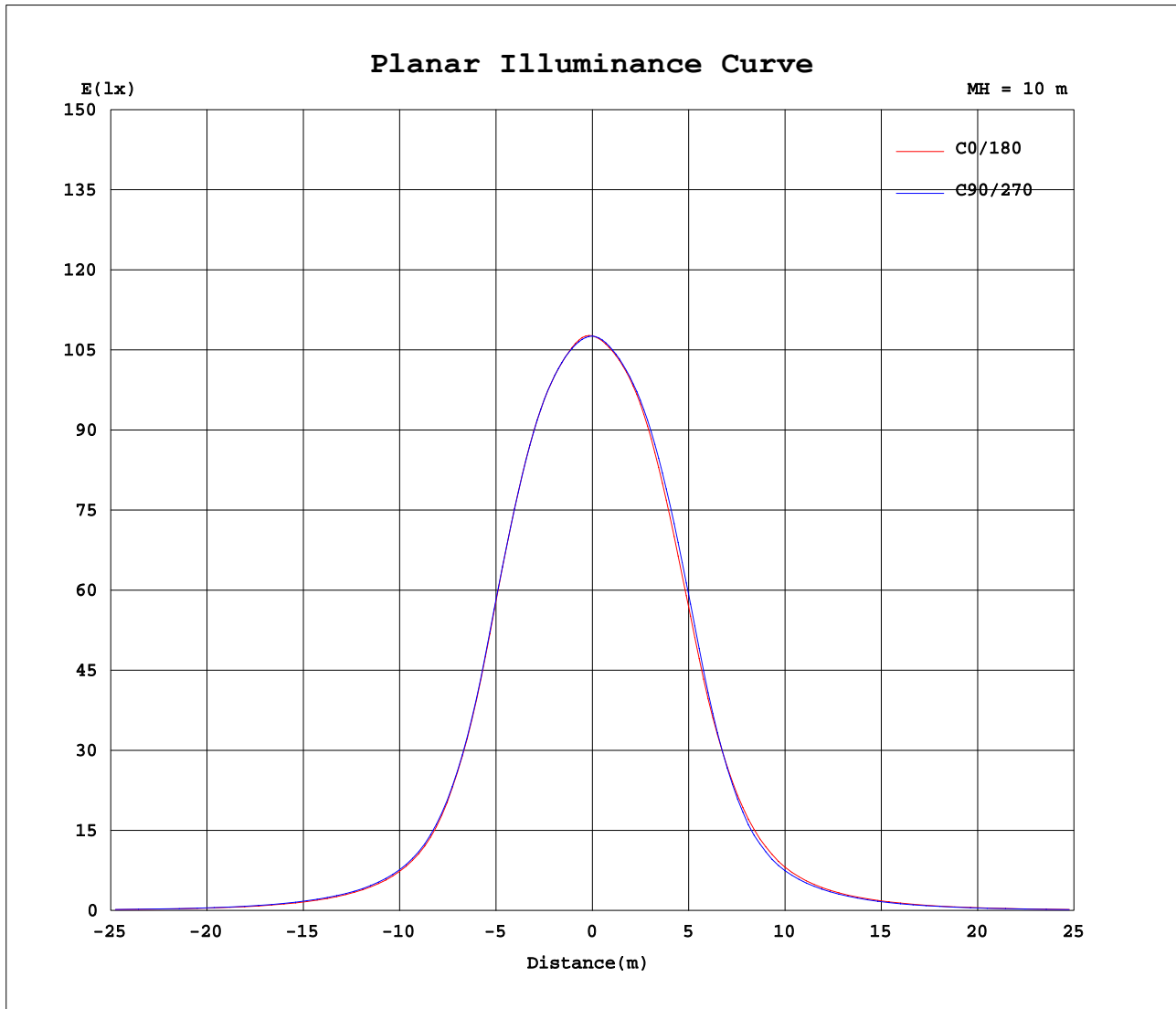
AvgL	cd/m2
L_0~180 (65) av	21139
L_0~180 (75) av	11719
L_0~180 (85) av	3457
L_90~270 (65) av	21225
L_90~270 (75) av	11675
L_90~270 (85) av	3311
L_45 (65) av	21284
L_45 (75) av	11318
L_45 (85) av	4441

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-10-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

Table--1

UNIT: $\times 10\text{cd}$

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076
5	1074	1075	1075	1075	1074	1074	1072	1070	1069	1067	1066	1066	1066	1067	1067	1068	1068	1069	1069
10	1062	1064	1065	1066	1066	1066	1063	1060	1057	1055	1054	1054	1056	1057	1058	1059	1059	1059	1059
15	1041	1044	1045	1048	1047	1047	1042	1038	1033	1030	1027	1028	1031	1032	1037	1038	1040	1040	1041
20	983	990	990	996	992	992	983	979	969	966	958	960	964	966	976	980	986	986	988
25	863	876	875	882	874	877	865	863	850	847	836	839	842	844	857	862	874	873	876
30	669	683	676	683	672	684	674	677	662	663	655	664	667	663	675	679	693	689	692
35	471	470	464	473	465	474	475	485	472	473	480	491	490	475	478	479	488	479	485
40	306	309	301	312	309	320	317	324	319	335	337	347	338	324	320	314	311	310	314
45	208	209	206	206	211	220	217	208	219	241	236	234	229	219	219	205	203	208	212
50	147	146	147	144	149	156	156	142	155	172	168	161	162	151	155	143	142	147	151
55	104	104	105	102	107	112	113	101	112	123	121	114	116	107	112	102	102	104	107
60	70.1	70.1	71.6	70.1	73.3	77.1	77.3	69.4	77.4	85.4	83.8	78.5	80.6	73.6	77.3	70.4	70.7	70.7	73.6
65	44.8	45.2	46.2	46.1	47.9	50.3	50.2	45.6	50.3	55.7	54.5	51.3	52.3	48.2	50.3	46.4	46.3	46.1	47.3
70	26.8	27.6	27.7	28.5	29.4	31.0	31.1	28.7	30.9	34.6	33.5	31.8	32.4	30.0	30.9	28.7	28.3	28.1	28.5
75	14.6	15.0	14.9	15.7	15.8	17.5	17.5	16.7	17.2	18.4	18.6	18.3	18.4	17.1	16.7	15.5	15.3	15.2	15.3
80	6.74	6.73	6.16	7.31	6.53	8.32	8.85	9.08	8.46	10.2	9.00	9.45	9.84	8.78	7.03	7.22	6.45	6.60	7.02
85	0.90	1.14	1.50	1.94	1.81	1.90	2.05	2.41	2.91	3.43	2.92	2.54	2.37	2.02	2.07	1.98	1.70	1.20	1.09
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: yanyonggeng

Test Date: 2024-10-29

 γ Range: 0 - 180DEG γ Interval: 1.0DEG

Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T

Humidity: 65.0%

Test Distance: 7.682m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.3786A P:80.12W PF:0.9651 Freq:50.00Hz Lamp Flux:14163.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:

Table--2

UNIT: ×10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1076	1076	1076	1076	1076														
5	1070	1071	1071	1073	1073														
10	1059	1059	1059	1060	1061														
15	1039	1039	1037	1039	1039														
20	982	981	976	980	979														
25	864	860	850	857	855														
30	675	670	657	663	662														
35	478	474	464	477	474														
40	307	308	319	324	317														
45	194	206	221	222	208														
50	133	145	155	156	144														
55	93.2	103	110	111	101														
60	63.4	70.0	74.4	74.6	67.5														
65	41.3	45.1	47.3	47.2	43.2														
70	25.4	27.3	27.9	28.1	25.9														
75	14.1	14.4	14.0	14.5	14.1														
80	6.02	5.47	5.79	5.48	5.98														
85	0.98	1.14	1.05	1.12	0.93														
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:yanyonggeng
Test Date:2024-10-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks: